

Itrax scanners reference list

This version contains references from 2007 until 2024 in chronological order

The following headers are used:

SR-23-xx Published with downloaded pdf copy

SR-23-xx Published Online; paper published following year in journal

SR-23-txx Published thesis, pdf copy

SR-23-rxx Published reports, pdf copy

SR-23-xx Published no copy

SR-23-?? Itrax ?

SR-23-001

[\[Link\]](#)

SR-23-001

[\[Link\]](#)

REFEREED (SEDIMENTS) 2007

- SR-07-1 Guyard H., Chapron E., St-Onge G., Anselmetti F.S., Arnaud F., Magand O., Francus P., Mélières M.-A.**
High-Altitude varve records of abrupt environmental changes and mining activity over the last 4000 years in the Western French Alps (lake Bramant, Grand Rousses Massif)
Quaternary Science Reviews, v 26, 19-21, p2644-2660 [\[Link\]](#)
- SR-07-2 Peck V.L., Hall I.R., Zahn R., Grousset F., Hemming S.R., Scourse J.D.**
The relationship of Heinrich events and their European precursors over the past 60 ka BP: a multi-proxy ice-rafted debris provenance study in the North East Atlantic
Quaternary Science Reviews: Volume 26, Issues 7-8, April 2007, Pages 862-875 [\[Link\]](#)
- SR-07-3 Marsh R., Mills R.A., Green D.R.H., Salter I., Taylor S.**
Controls on sediment geochemistry in the Crozet region
Deep Sea Research Part II: Topical Studies in Oceanography
Volume 54, Issues 18-20, September-October 2007, Pages 2260-2274 [\[Link\]](#)
- SR-07-4 Brown E.T., Johnson T.C., Scholz C.A., Cohen A.S., King J.W.**
Abrupt change in tropical African climate linked to the bipolar seesaw over the past 55,000 years
GEOPHYSICAL RESEARCH LETTERS, VOL. 34, L20702 [\[Link\]](#)
- SR-07-5 Donnelly J.P., Woodruff J.D.**
Intense hurricane activity over the past 5,000 years controlled by El Niño and the West African monsoon
Nature v447/24 May 2007 p465-468 [\[Link\]](#)
- SR-07-6 Scholz C.A., Johnson T.C., Cohen A.S., King J.W., Peck J.A., Overpeck J.T., Talbot M.R., Brown E.T., Kalindegale L., Amoako P.Y.O., Lyons R.P., Shanahan T.M., Castañeda I.S., Heil C.W., Forman S.L., McHargue L.R., Beuning K.R., Gomez J., Pierson J.**
East African megadroughts between 135 and 75 thousand years ago and bearing on early-modern human origins
10.1073/pnas.0703874104. [\[Link\]](#)
- SR-07-7 Umer M., Lamb H.F., Bonnefille R., Lézine A.-M., Tiercelin J.-J., Gibert E., Cazet J.-P., Watrin J.**
Late Pleistocene and Holocene vegetation history of the Bale Mountains, Ethiopia
Quaternary Science Reviews, 26: 2229-2246 [\[Link\]](#)
- SC-07-8 -.** [\[Link\]](#)
- SR-07-9 Lamb A.L., Brewer T.S., Leng M.J., Sloane H.J., Lamb H.F.**
A geochemical method for removing the effect of tephra on lake diatom oxygen isotope records
Journal of Paleolimnology (2007) v37, no4, p499-516 [\[Link\]](#)
- SR-07-10 Guyard H., St-Onge G., Chapron E., Anselmetti F.S., Francus P.**
The Ad 1881 Earthquake-Triggered Slump And Late Holocene Flood-Induced Turbidites From Proglacial Lake Bramant, Western French Alps
Advances in Natural and Technological Hazards Research vol 27, Submarine Mass Movements and Their Consequences [\[Link\]](#)
- SR-07-11 Lamb H.F., Bates C.R., Coombes P.V., Marshall M.H., Umer M., Davies S.J., Dejen E.**
Late Pleistocene desiccation of Lake Tana, source of the Blue Nile
Quaternary Science Reviews 26 (2007) 287-299 [\[Link\]](#)
- SR-07-12 Marsh R., Mills R.A., Green D.R.H., Salter I., Taylor S.**
Controls on sediment geochemistry in the Crozet region
Deep Sea Research Part II: Topical Studies in Oceanography
Volume 54, Issues 18-20, September-October 2007, Pages 2260-2274 [\[Link\]](#)
- SR-07-13 St-Onge G., Mulder T., Francus P., Long B.**
Continuous Physical Properties of Cored Marine Sediments, Proxies in Late Cenozoic Paleoceanography
Developments in Marine Geology V1 p63-98 [\[Link\]](#)
- SR-07-14 Scileppi E., Donnelly J.P.**
Sedimentary evidence of hurricane in western Long Island, New York
Geochemistry - Geophysics – Geosystems, v8 n6 21 June 2007 [\[Link\]](#)
- SR-07-15 Cagatay N., Okay N., Genc C., Demirbag E., Akkok R., Ozcan E., Vardar M., Tuysuz O.**
EMCOL (Eastern Mediterranean Centre for Oceanography and Limnology): a New European Research Centre for Natural Hazards and Environmental Change Studies
Rapp. Comm. int. Mer Médit., 38 [\[Link\]](#)
- SR-07-16 Lamb H.F., Leng M.J., Telford R.J., Ayenew T., Umer M.**
Oxygen and carbon isotope composition of authigenic carbonate from an Ethiopian lake: a climate record of the last 2000 years
The Holocene, Vol. 17, No. 4, 517-526 [\[Link\]](#)

REFEREED (SEDIMENTS) 2008

- SR-08-1 Christoffersen P., Tulaczyk S., Wattus N.J., Peterson J., Quintana-Krupinski N., Clark C.D., Sjunneskog C.**
Large subglacial lake beneath the Laurentide Ice Sheet inferred from sedimentary sequences
GEOLOGY, July 2008 p563-566 [\[Link\]](#)
- SR-08-2 Rolland N., Larocque I., Francus P., Pienitz R., Laperrière L.**
Holocene climate inferred from biological (Diptera: Chironomidae) analyses in a Southampton Island (Nunavut, Canada) lake
The Holocene 18,2 (2008) pp. 229–241 [\[Link\]](#)
- SR-08-3 Carlson A.E., Stoner J.S., Donnelly J.P., Hillaire-Marcel C.**
Response of the southern Greenland Ice Sheet during the last two deglaciations
GEOLOGY, May 2008 p 359-362 [\[Link 1\]](#) [\[Link 2\]](#)
- SR-08-4 Rohling E.J., Grant K., Hemleben C., Kucera M., Roberts A.P., Schmeltzer I., Schulz H., Siccha M., Siddall M., Trommer G.**
New constraints on the timing of sea level fluctuations during early to middle marine isotope stage 3
PALEOCEANOGRAPHY, VOL. 23, PA3219 [\[Link\]](#)
- SR-08-5 Moreno A., Valero-Garcés B.-L., González-Sampériz P., Rico M.**
Flood response to rainfall variability during the last 2000 years inferred from the Taravilla Lake record (Central Iberian Range, Spain)
Journal of Paleolimnology (2008) v40, no3, p943-961 [\[Link\]](#)
- SR-08-6 Unkel, I., Björck, S., Wohlfahrt, B.**
Deglacial environmental changes on Isla de los Estados (54.4°S), southeastern Tierra del Fuego.
Quaternary Science Review v27 i15-16 p1541-1554 [\[Link\]](#)
- SR-08-7 Kröpelin S., Verschuren D., Lézine A.-M., Eggermont H., Cocquyt C., Francus P., Cazet J.-P., Fagot M., Rumes B., Russell J.M., Darius F., Conley D.J., Schuster M., von Suchodoletz H., Engstrom D.R.**
Climate-Driven Ecosystem Succession in the Sahara: The Past 6000 Years
Science 9 May 2008: 765-768 [\[Link\]](#)
- SR-08-8 McHugh C.M.G., Gurung D., Giosan L., Ryan W.B.F., Mart Y., Sancar U., Burckle L., Cagatay M.N.**
The last reconnection of the Marmara Sea (Turkey) to the World Ocean: A paleoceanographic and paleoclimatic perspective
Marine Geology, v255, 1-2, p 64-82 [\[Link\]](#)
- SR-08-9 Rebolledo L., Sepúlveda J., Lange C.B., Pantoja S., Bertrand S., Huguen K., Figueroa D.**
Late Holocene marine productivity changes in Northern Patagonia-Chile inferred from a multi-proxy analysis of Jacaf channel sediments
Estuarine, Coastal and Shelf Science v80, p314-322, doi:10.1016/j.ecss.2008.08.016 [\[Link\]](#)
- SR-08-10 Cook T.L., Bradley R.S., Stoner J.S., Francus P.**
Five thousand years of sediment transfer in a high arctic watershed recorded in annually laminated sediments from Lower Murray Lake, Ellesmere Island, Nunavut, Canada
J Paleolimnology, v41 n1 p77-94 DOI:10.1007/s10933-008-9252-0 [\[Link\]](#)
- SR-08-11 Francus P., Bradley R.S., Lewis T., Abbott M., Retelle M., Stoner J.S.**
Limnological and sedimentary processes at Sawtooth Lake, Canadian High Arctic, and their influence on varve formation
J Paleolimnology v40, n3, p963-985, 10.1007/s10933-008-9210-x [\[Link\]](#)
- SR-08-12 ST-Onge., Chapron E., Guyard H., Rochon A., Lajeunesse P., Locat J., Scott D., Stoner J.S., Hillaire-Marcel C.**
High-resolution physical and magnetic properties of rapidly deposited layers associated with landslides, earthquakes and floods
Presse de l'Université Laval, Québec, pp. 219-228. [\[Link\]](#)
- SR-08-13 Jacob J., Disnar J.-R., Arnaud F., Chapron E., Debret M., Lallier-Vergès., Desmet M., Revel-Rolland M.**
Millet cultivation history in the French Alps as evidenced by a sedimentary molecule
J Archaeological Science v35 (2008) p814-820. [\[Link\]](#)
- SR-08-14 Frenz M., Wynn R.B., Georgiopoulou A., Bender V.B., Hough G., Masson D.G., Talling P.J., Cronin B.T.**
Provenance and pathways of late Quaternary turbidites in the deep-sea Agadir-Basin, northwest African margin
Int J Earth Sciences v98 n4 (2008) p721-733. [\[Link\]](#)
- SR-08-15 Löwemark L., Jakobsson M., Mörth M., Backman J.**
Arctic Ocean manganese contents and sediment colour cycles
Polar Research (2008) v27 n2 p105-113, DOI: 10.1111/j.1751-8369.2008.00055.x [\[Link\]](#)
- SR-08-16 Kinder M., Tylmann W., Ohlendorf C., Zolitschka B.**
Laminowane osady denne jeziora Szurpiły jako podstawa rekonstrukcji zmian środowiska przyrodniczego w północno-wschodniej Polsce
Landform Analysis (2008) v9 p241-246 [\[Link\]](#)

REFEREED (SEDIMENTS) 2009

- SR-09-01 Jacob J., Disnar J.-R., Arnaud F., Gauthier E., Billaud Y., Chapron E., Bardoux G.**
Impacts of new agricultural practices on soil erosion during the Bronze Age in the French Prealps
The Holocene v19 n2 (2009) p241-249. [\[Link\]](#)
- SR-09-02 Moreno A., Valero-Garcés B.-L., Jiménez-Sánchez M., Domínguez-Cuesta M.-J., Mata M.P., Navas A., González-Sampériz P., Stoll H., Farias P., Morellón M., Corella J.P., Rico M.**
The last deglaciation in the Picos de Europa National Park (Cantabrian Mountains, northern Spain)
Journal of Quaternary Science (2009) DOI: 10.1002/jqs. 1265 [\[Link\]](#)
- SR-09-03 Vare L.L., Massé G., Gregory T.R., Smart C.W., Belt S.T.**
Sea ice variations in the central Canadian Arctic Archipelago during the Holocene
Quaternary Science Reviews (2009) v28 n113-14 p1354-1366 [\[Link\]](#)
- SR-09-04 Lewis T., Francus P., Bradley R.S.**
Recent occurrence of large jökulhlaups at Lake Tuborg, Ellesmere Island, Nunavut
J Paleolimnol (2009) v41 p491-506 [\[Link\]](#)
- SR-09-5 Niermann H., Haberzettl T., Behling H.**
Holocene climate variability and vegetation dynamics inferred from the (11 700 cal. yr BP) Laguna Rabadilla de vaca sediment record, southeastern Ecuadorian Andes
The Holocene (2009) v19,2 p307-316 [\[Link\]](#)
- SR-09-6 Moreno A., Santoro C.M., Latorre C.**
Climate change and human occupation in the northernmost Chilean Altiplano over the last ca. 11 500 cal. a BP
J Quaternary Science (2009) v24 n4 p373-382 [\[Link\]](#)
- SR-09-7 Woodruff J.D., Donnelly J.P., Okusu A.**
Exploring typhoon variability over mid-to-late Holocene: evidence of extreme coastal flooding from Kamikoshiki, Japan
Quaternary Science Reviews (2009) v28 p1774-1785 [\[Link\]](#)
- SR-09-8 Schwab M.J., Werner P., Dulski P., McGee E., Nowaczyk N.R., Bertrand S.B., Leroy S.A.G.**
Palaeolimnology of Lake Spanca and identification of historic earthquake signals, Northern Anatolian Fault Zone (Turkey)
Quaternary Science Reviews (2009) v28 p991-1005 [\[Link\]](#)
- SR-09-9 Hibbert, F.D., Austin W.N., Leng M.J., Gatliff R.W.**
British Ice Sheet dynamics inferred from North Atlantic ice-rafted debris records spanning the last 175 000 years
J of Quaternary Science (2009) v25 n4 p461-482 [\[Link\]](#)
- SR-09-10 Haberzettl T., Anselmetti F.S., Bowen S.W., Fey M., Mayr C., Zolitschka B., Ariztegui D., Mauz B., Ohlendorf C., Kastner S., Lücke A., Schäbitz F., Wille M.,**
Late Pleistocene dust deposition in the Patagonian steppe – extending and refining the paleoenvironmental and tephrochronological record from Laguna Patrok Aike back to 55 ka
Quaternary Science Reviews (2009) v28 n25-26 p2927-2939 [\[Link\]](#)
- SR-09-11 Sáez A., Valero-Garcés B.L., Giralto S., Moreno A., Bao R., Pueyo J.J., Hernández A., Casas D.**
Glacial to Holocene climate changes in the SE Pacific. The Raraku Lake Sedimentary record (Easter Island, 27deg S)
Quaternary Science Reviews (2009) v28 n25-26 p2743-2759 [\[Link\]](#)
- SR-09-12 Rolland N., Larocque I., Francus P., Pienitz R., Laperrière L.**
Evidence for warmer period during 12th and 13th centuries AD from chironomid assemblages in Southampton Island, Nunavut, Canada
Quaternary Research (2009) v72 n1 p27-37 [\[Link\]](#)
- SR-09-13 Carling P.A., Williams J.J., Croudace I.W., Amos C.L.**
Formation of mud ridge and runnels in the intertidal zone of the Severn Estuary, UK
Continental Shelf Research (2009) v29 p1913-1926 [\[Link\]](#)
- SR-09-13b Erratum: Carling P.A., Williams J.J., Croudace I.W., Amos C.L.**
Formation of mud ridge and runnels in the intertidal zone of the Severn Estuary, UK
Continental Shelf Research (2009) v29 p1756 [\[Link\]](#)
- SR-09-14 Coolen M.J.L., Saenz J.P., Giosan L., Trowbridge N.Y., Dimitrov P.**
DNA and lipid molecular stratigraphic records of haptophyte succession in the Black Sea during the Holocene
Earth and Planetary Science Letters (2009) v284 n3-4 p610-621 [\[Link\]](#)
- SR-09-15 Shuman B.N., Newby P., Donnelly J.P.**
Abrupt climate change as an important agent of ecological change in the Northeast U.S. throughout the past 15,000 years
Quaternary Science Reviews (2009) v28 n17-18 p1693-1709 [\[Link\]](#)
- SR-09-16 Polyak L., Bischof J., Ortiz J.D., Darby D.A., Channell J.E.T., Xuan C., Kaufman D.S., Lövlie R., Schneider D.A., Eberl D.D., Adler R.E., Council E.A.**
Late Quaternary stratigraphy and sedimentation patterns in the western Arctic Ocean
Global and Planetary Change (2009) v68 p5-17 [\[Link\]](#)

SR-09-17 Newby P.E., Donnelly J.P., Shuman B.N., MacDonald D.

Evidence of centennial-scale drought from southeastern Massachusetts during the Pleistocene/Holocene transition
Quaternary Science Reviews (2009) v28 p167-1692

[\[Link\]](#)

SR-09-18 Lyons R.P., Scholz C.A., Buoniconti M.R., Martin M.R.

Late Quaternary stratigraphic analysis of the Lake Malawi Rift, East Africa: An integration of drill-core and seismic-reflection data

Palaeogeography, Palaeoclimatology, Palaeoecology (2009 in press)

[\[Link\]](#)

REFEREED (SEDIMENTS) 2010

- SR-10-1 Davids F., Roberts H.M., Duller G.A.T.**
Is X-ray Core scanning non-destructive? Assessing the implications for optically stimulated luminescence (OSL) dating of sediments
J Quaternary Science (2010) v25(3) p348-353 [\[Link\]](#)
- SR-10-2 Engel M., Brückner H., Wennrich V., Scheffers A., Kelletat D., Vött A., Schäbitz F., Daut G., Willershä T., May S.M.**
Costal stratigraphies of eastern Binaire (Netherlands Antilles): new insights into the paleo-tsunami history of the southern Caribbean
Sedimentary Geology v231 p14-30 (2010) [\[Link\]](#)
- SR-10-3 Lepland A., Andersen T.J., Lepland A., Arp H.P.H., Alve E., Breedveld G.D., Rindby A.**
Sedimentation and chronology of heavy metal pollution in Oslo harbor, Norway
Marine Pollution Bulletin (2010) v25(3) p348-353 [\[Link\]](#)
- SR-10-4 Cuven S., Francus P., Lamoureux S.F.**
Estimation of grain size variability with micro X-ray fluorescence in laminated lacustrine sediments, Cape Bounty, Canadian High Arctic
J Paleolimnol v44 n3 p803-817 (2010) DOI: 10.1007/s10933-010-9453-1 [\[Link\]](#)
- SR-10-5 Croudace I., Rothwell G.**
Micro-XRF sediment core scanners: important new tools for the environmental and earth sciences
Spectroscopy Europe v22 n3 p6-13 [\[Link\]](#)
- SR-10-6 Striberger J., Björk S., Ingólfsson Ó., Kjaer K.H., Snowball I., Uvo C.B.**
Climate variability and glacial processes in eastern Iceland during the past 700 years based on varved lake sediments
Boreas v40 n1 p28-45 (2010) DOI : 10.1111/j.1502-3885.2010.00153.x [\[Link\]](#)
- SR-10-07 Snowball I., Muscheler R., Zillén L., Sandgren P., Stanton T., Ljung K.**
Radiocarbon wiggle matching of Swedish lake vaves reveals asynchronous climate changes around the 8.2 kyr cold event
Boreas v39 n4 p720-733 (2010) DOI: 10.1111/j.1502-3885.2010.00167.x [\[Link\]](#)
- SR-10-8 Hibbert F.D., Austin W.E.N., Leng M.J., Gatliff R.W.**
British Ice Sheet dynamics inferred from North Atlantic ice-rafted debris records spanning the last 175 000 years
J Quaternary Science v 25 n4 p461-482 [\[Link\]](#)
- SR-10-9 Vogel H., Zanchetta G., Sulpizio R., Wagner B., Nowaczyk N.**
A tephrostratigraphic record for the last glacial–interglacial cycle from Lake Ohrid, Albania and Macedonia
J Quaternary Science v 25 n3 p320-338 [\[Link\]](#)
- SR-10-10 Johnson M.D., Ståhl Y.**
Stratigraphy, Sedimentology, age and palaeoenvironment of marine varved clay in the Middle Swedish end-moraine zone
Boreas v39 n2 p199-214, DOI: 10.1111/j.1502-3885.2009.00124.x [\[Link\]](#)
- SR-10-11 Müller M., Handley K.M., Lloyd J., Pancost R.D., Mills R.A.**
Biogeochemical controls on microbial diversity in seafloor sulphidic sediments
Geobiology (2010) v8 p309-326 [\[Link\]](#)
- SR-10-12 Kim S.-Y., Scourse J., Marret F., Lim D.-I.**
A 26,000-year integrated record of marine and terrestrial environmental change off Gabon, west equatorial Africa
Palaeogeography, Palaeoclimatology, Palaeoecology v297 p428-438 (2010) [\[Link\]](#)
- SR-10-13 Berg S., Wagner B., Cremer H., Leng M.J., Melles M.**
Late Quaternary environmental and climate history of Rauer Group, East Antarctica
Palaeogeography, Palaeoclimatology, Palaeoecology v297 p201-213 (2010) [\[Link\]](#)
- SR-10-14 Mischke S., Rajabov I., Mustaeva N., Zhang C., Herzsuh U., Boomer I., Brown E.T., Andersen N., Myrbo A., Ito E., Schudack M.E.**
Modern hydrology and late Holocene history of Lake Karakul, eastern Pamirs (Tajikistan): A reconnaissance study
Palaeogeography, Palaeoclimatology, Palaeoecology v289 (2010) p10-24 [\[Link\]](#)
- SR-10-15 Löwemark L., Chen H.-F., Yang T.-N., Kylander M., Yu E.-F., Hsu Y.-W., Lee T.-Q., Song S.-R., Jarvis S.**
Normalizing XRF-scanner data: A cautionary note on the interpretation of high-resolution records from organic-rich lakes
J Asian Earth Sciences (2010 in press) [\[Link\]](#)
- SR-10-16 Cage A.G., Austin W.E.N.**
Marine climate variability during the last millennium: The Loch Sunart record, Scotland, UK
Quaternary Science Reviews v29 n13-14 p1633-1647 [\[Link\]](#)
- SR-10-17 Brendryen J., Hafliðason H., Sejrup H.P.**
Norwegian Sea Tephrostratigraphy of marine isotope stages 4 and 5: Prospects and problems for tephrochronology in the North Atlantic region
Quaternary Science Reviews v29 n7-8 p847-864 [\[Link\]](#)

- SR-10-18 Moreno A., González-Sampéris P., Morellón M., Valero-Garcés B.L., Fletcher W.J.**
Northern Iberian abrupt climate change dynamics during the last glacial cycle A view from lacustrine sediments
Quaternary Science Reviews (2010 in press) [\[Link\]](#)
- SR-10-19 Unkel I., Fernandez M., Björck S., Ljung K., Wohlfath B.**
Records of environmental changes during the Holocene from Isla de los Estados (54.4 deg S), southeastern Tierra del Fuego
Global and Planetary Change (2010 in press) [\[Link\]](#)
- SR-10-20 Selvaraj K., Kao S.J.**
Recent Advances of Paleoclimate Study and New Technique
Instrument Technology Research Centre v176 n31-6 (2010) p23-29 [\[Link\]](#)
- SR-10-21 Boldt K., Lane P., Woodruff J.D., Donnelly J.P.**
Calibrating a sedimentary record of overwash from Southeastern New England using modeled historic hurricane surges
Marine Geology v275 (2010) p127-139 [\[Link\]](#)
- SR-10-22 Stansell N.D., Abbott M.B., Rull V., Rodbell D.T.**
Abrupt Younger Dryas cooling in the northern tropics recorded in lake sediments from the Venezuelan Andes
Earth and Planetary Science Letters v293 n1-2 (2010) p154-163 [\[Link\]](#)
- SR-10-23 Belt S.T., Vare L.L., Massé G., Manners H.R., Price J.C., MacLachlan S.E., Andrews J.T., Schmidt S.**
Striking similarities in temporal changes to spring sea ice occurrence across the central Canadian Arctic Archipelago over the last 7000 years
Quaternary Science Reviews v29 p3489-3504 (2010) [\[Link\]](#)
- SR-10-24 Kleeberg A., Herzog C., Jordan S., Hupfer M.**
What drives the evolution of sedimentary phosphorous cycle?
Limnologia v40 n2 (2010) p102-113 [\[Link\]](#)
- SR-10-25 McWethy D.B., Whitlock C., Wilmshurst J.M., McGlone M.S., Fromont M., Li X., Dieffenbacher-Krall A., Hobbs W.O., Fritz S.C., Cook E.R.**
Rapid landscape transformation in South Island, New Zealand, following initial Polynesian settlement
PNAS v107 n50 p21343-21348 (2010) [\[Link\]](#)
- SR-10-26 Rose J., Coxon P.**
Lake The Quaternary of the British Isles and adjoining seas
J Quaternary Science (2010) v25 n4 p395-398 [\[Link\]](#)
- SR-10-27 Metcalfe S.E., Jones M.D., Davies S.J., Noren A., MacKenzie A.**
Climate variability over the last two millennia in the North America monsoon region, recorded in laminated lake sediments from Laguna de Juanacatlán, Mexico
The Holocene (2010) v25 n4 p395-398 [\[Link\]](#)
- SR-10-28 MacLeod A., Palmer A., Lowe J., Rose J., Bryant C., Merritt J.**
Timing of glacier response to Younger Dryas climatic cooling in Scotland
Global and Planetary Change v79 n3-4 (2010) doi: 10.1016/j.gloplacha.2010.07.006 [\[Link\]](#)
- SR-10-29 Kastner S., Ohlendorf C., Haberzettl T., Lücke A., Mayr C., Maidana N.I., Schäbitz F., Zolitschka B.**
Southern hemispheric westerlies control the spatial distribution of modern sediments in Laguna Potrok Aike, Argentina
J of Paleolimnology v44 p887-902 (2010) DOI 10.1007/s10933-010-9462-0 [\[Link\]](#)
- SR-10-30 Gikuma-Njuru P., Hecky R.E., Guildford S.J.**
Surficial sediment phosphorus fraction along a biogeochemical gradient in Nyanza (Winam) Gulf, northeastern Lake Viktoria and their possible role in phosphorus recycling and internal loading
Biogeochemistry v97 p247-261 (2010) DOI 10.1007/s10533-009-9370-4 [\[Link\]](#)
- SR-10-31 Boës X., Moran S.B., King J., Cagatay M.N., Hubert-Ferrari A.**
Records of large earthquakes in lake sediments along the North Anatolian Fault, Turkey
J Paleolimnology v42 p901-920 (2010) DOI 10.1007/s10933-009-9376-x [\[Link\]](#)
- SR-10-32 Vogel H., Wagner B Zanchetta G., Sulplizio R., Rosén P.**
A paleoclimate record with tephrochronological age control for the last glacial-interglacial cycle from Lake Orhid, Albania and Macedonia
J Paleolimnology v44 n1 p295-310 (2010) DOI 10.1007/s10933-009-9404-x [\[Link\]](#)
- SR-10-33 Brunschön C., Haberzettl T., Behling H.**
High-resolution studies on vegetation succession, hydrological variations, anthropogenic impact and genesis of a sunrecent lake in southern Ecuador
Veget Hist Archaeobotany v19 p191-206 (2010) DOI 10.1007/s00334-010-0236-4 [\[Link\]](#)
- SR-10-34 Cronan D.S., Rothwell G., Croudace I.**
An ITRAX Geochemical Study of Ferromanganiferous Sediments from the Pehrbyn Basin, South Pacific Ocean
Marine Georesources & Geotechnology v28 n3 p207-221 (2010) [\[Link\]](#)
- SR-10-35 Jones A.F., Lewin J., Macklin M.G.**
Flood series data for the later Holocene: Available approaches, potential and limitations from UK alluvial sediments
The Holocene v20 n7 p1123-1135 (2010) [\[Link\]](#)

SR-10-36 Carugati G., Rauch S., Kylander M.E.

Experimental assessment of a large sample cell for laser ablation-ICP-MS, and its application to sediment core micro-analysis
Microchim Acta v170 p39-45 (2010) DOI 10.1007/s00604-010-0377-2 [\[Link\]](#)

SR-10-37 Moreno A., Valero-Garcés B.L., Jiménez-Sánchez M., Domínguez-Cuesta M.J., Mata M.P., Navas A., González-Sampériz P., Stoll H., Farias P., Morellón M., Corella J.P., Rico M.

The last deglaciation in the Picos de Europa National Park (Cantabrian Mountains, northern Spain)
J of Quaternary Science v25 n7 p1076-1091 (2010) [\[Link\]](#)

SR-10-38 Zhao C., Yu Z., Zhao Y., Ito E., Kodama K.P., Chen F.

Holocene millennial-scale climate variations documented by multiple lake-level proxies in sediment cores from Hurlig Lake, Northwest China
J Paleolimnology v44 p995-1008 (2010) DOI 10.1007/s10933-010-9469-6 [\[Link\]](#)

SR-10-39 Albrecht C., Vogel H., Hauffe T., Wilke T.

Sediment core fossils in ancient Lake Ohrid: testing for faunal change since the Last Interglacial
Biogeosciences v7 p3435-3446 (2010) [\[Link\]](#)

SR-10-40 Striberger J., Björck S., Ingolfsson O., Kjefferis K.H., Snowball I., Uvo C.B.

Climate variability and glacial processes in eastern Iceland during the past 700 years based on varved lake sediments
Boreas v40 p28-45 (2010) . 10.1111/j.1502-3885.2010.00153.x. ISSN 0300-9483. [\[Link\]](#)

SR-10-41 Sosa-Nájera S., Lozano-García S., Roy P.D., Caballero M.

Registro de sequías históricas en el occidente de México con base en el análisis elemental de sedimentos lacustres: El caso del lago de Santa María del Oro
Boletín de la Sociedad Geológica Mexicana v62 n3 p437-451 (2010) [\[Link\]](#)

SR-10-42 Breier J.A., Breier C.F., Edmonds H.N.

Seasonal dynamics of dissolved Ra isotopes in the semi-arid bays of south Texas
Marine Chemistry v122 p39-50 (2010) [\[Link\]](#)

SR-10-43 Matter M., Anselmetti F.S., Jordanoska B., Wagner B., Wessels M., A. Wüest M.

Carbonate sedimentation and effects of eutrophication observed at the Kalista subaquatic springs in Lake Ohrid (Macedonia)
Biogeosciences v7 p3755-3767 (2010) [\[Link\]](#)

SR-10-44 Kim S.-Y., Scourse J., Marret F., Lim D.-I.

A 26,000-year integrated record of marine and terrestrial environmental change off Gabon, west equatorial Africa
Palaeogeography, Palaeoclimatology, Palaeoecology v297 p428-438 (2010) [\[Link\]](#)

SR-10-45 Lindhorst K., Vogel H., Krastel S., Wagner B., Hilgers A., Zander A., Schwenk T., Wessels M., Daut G.

Stratigraphic analysis of lake level fluctuations in Lake Ohrid: an integration of high resolution hydro-acoustic data and sediment cores
Biogeosciences v7 p3531-3548 (2010) [\[Link\]](#)

SR-10-46 Wagner B., Vogel H., Zanchetta G., Sulpizio R.

Environmental changes on the Balkans recorded in the sediments from lakes Prespa and Ohrid
Biogeosciences Discuss v7 p3365-3392 (2010) doi:10.5194/bgd-7-3365-2010 [\[Link\]](#)

REFEREED (SEDIMENTS) 2011**SR-11-01 Kylander M.E, Ampel L., Wohlfarth B., Veres D.**

High-resolution X-ray fluorescence core scanning analysis of Les Echets (France) sedimentary sequence: new insights from chemical proxies

J of Quaternary Science v26 n1 p109-117 (2011)

[\[Link\]](#)

SR-11-02 Kylander M.E., Lind E.M., Wastegård S., Löwemark L.

Recommendations for using XRF core scanning as a tool in tephrochronology

The Holocene (2011) DOI: 10.1177/0959683611423688

[\[Link\]](#)

SR-11-03 Giralt S., Rico-Herrero M.T., Vega J.C., Valero-Garcés B.L.

Quantitative climate reconstruction linking meteorological, limnological and XRF core scanner datasets: the Lake Sanabria case study, NW Spain

J Paleolimnology v46 p487-502 (2011) DOI 10.1007/s10933-011-9509-x

[\[Link\]](#)

SR-11-04 Löwemark L., Chen H.-F., Yang T.-N., Kylander M., Yu E.-F., Hsu Y.-W., Lee T.-Q., Song S.-R., Jarvis S.

Normalizing XRF-scanner data: A cautionary note on the interpretation of high-resolution records from organic-rich lakes

J of Asian Earth Sciences v40 p1250-1256 (2011)

[\[Link\]](#)

SR-11-05 Tachikawa K., Cartapanis O., Vidal L., Beaufort L., Barlyaeva T., Bard E.

The precession phase of hydrological variability in the Western Pacific Warm Pool during the past 400 ka

J of Quaternary Science v30 p3716-3727 (2011)

[\[Link\]](#)

SR-11-06 Scussolini P., Vegas-Vilarrúbia T., Rull V., Corella J.P., Valero-Garcés B., Gomà J..

Middle and late Holocene climate change and human impact inferred from diatoms, algae and aquatic macrophyte pollen in sediments from Lake Montcortès (NE Iberian Peninsula)

J Paleolimnology v46 p369-385 (2011) DOI 10.1007/s10933-011-9524-y

[\[Link\]](#)

SR-11-07 Kossler A., Tarasov P., Schlolaut G., Nakagawa T., Marshall M., Brauer A., Staff R., Bronk Ramsey C., Bryant C., Lamb H., Demske D., Gotanda K., Haraguchi T., Yokoyama Y., Yonenobu H., Tada R., Suigetsu 2006 proj memb.

Onset and termination of the late-glacial climate reversal in the high-resolution diatom and sedimentary records from the annually laminated SG06 core from Lake Suigetsu, Japan

Palaeogeography, Palaeoclimatology, Palaeoecology v306 p103-115 (2011)

[\[Link\]](#)

SR-11-08 Corella J.P., El Amrani A., Sigró J., Morellón M., Rico E., Valero-Garcés B.L.

Recent evolution of Lake Arreo, northern Spain: influences of land use change and climate

J Paleolimnology v46 p469-485 (2011) DOI 10.1007/s10933-010-9492-7

[\[Link\]](#)

SR-11-09 Antoniades D., Francus P., Pienitz R., St-Onge G., Vincent W.F.

Holocene dynamics of the Arctic's largest ice shelf

PNAS 1106378108 (2011)

[\[Link\]](#)

SR-11-10 Brendryen J., Hafliðason H., Sejrup H.P.

Non-synchronous deposition of North Atlantic Ash Zone II in Greenland ice cores, and North Atlantic and Norwegian Sea sediments: an example of complex glacial-stage tephra transport

J of Quaternary Science v26 n7 p739-745 (2011) ISSN 0267-8179. DOI: 10.1002/jqs.1499

[\[Link\]](#)

SR-11-11 López-Merino L., Moreno A., Leira M., Sigró J., González-Sampériz P., Valero-Garcés B.L., López-Sáez J.A., Brunet M., Aguilar E.

Two hundred years of environmental change in Picos de Europa National Park inferred from sediments of Lago Enol, northern Iberia

J of Paleolimnology v46 p453-467 (2011) DOI 10.1007/s10933-011-9546-5

[\[Link\]](#)

SR-11-12 Balascio N.L. Zhang Z., Bradley R.S., Perren B., Dahl S.O., Bakke J.

A multi-proxy approach to assessing isolation basin stratigraphy from the Lofoten Islands, Norway

Quaternary Research v75 p288-300 (2011)

[\[Link\]](#)

SR-11-13 Vasskog K., Nesje A., Nagel Støren E., Waldmann N., Chapron E., Ariztegui D.

A Holocene record of snow-avalanche and flood activity reconstructed from a lacustrine sedimentary sequence in Oldevatnet, western Norway

The Holocene v21 n4 p597-614 (2011) DOI: 10.1177/0959683610391316

[\[Link\]](#)

SR-11-14 Burnett A.P., Soreghan M.J., Scholz C.A., Brown E.T.

Tropical East African climate change and its relation to global climate: A record from Lake Tanganyika, Tropical East Africa, over the past 90+ kyr

Palaeogeography, Palaeoclimatology, Palaeoecology v303 p155-196 (2011)

[\[Link\]](#)

SR-11-15 Giguet-Covex C., Arnaud F., Poulenard J., Disnar J.-R., Delhon C., Francus P., David F., Enters D., Rey P.-J., Delannoy J.-J.

Changes in erosion patterns during the Holocene in a currently treeless subalpine catchment inferred from lake sediment geochemistry (Lake Anterne, 2063 m a.s.l., NW French Alps): The role of climate and human activities

The Holocene v21 n4 p651-665 (2011) DOI: 10.1177/0959683610391320

[\[Link\]](#)

- SR-11-16 Larsen N.K., Kjær K.H., Olsen J., Funder S., Kjeldsen K.K., Nørgaard-Pedersen N.**
Restricted impact of Holocene climate variations on the southern Greenland Ice Sheet
Quaternary Science Reviews v30 p3171-3180 (2011) [\[Link\]](#)
- SR-11-17 Marshall M.H., Lamb H.F., Huws D., Davies S.J., Bates R., Bloemendal J., Boyle J., Leng M.J., Umer M., Bryant C.**
Late Pleistocene and Holocene drought events at Lake Tana, the source of the Blue Nile
Global and Planetary Change v78 p147-161 (2011) [\[Link\]](#)
- SR-11-18 Agnew K., Cundy A.B., Hopkinson L., Croudace I.W., Warwick P.E., Purdie P.**
Electrokinetic remediation of plutonium-contaminated nuclear site wastes: results from a pilot-scale on-site trial
J of Hazardous Materials v186 p1405-1414 (2011) [\[Link\]](#) [\[Link2\]](#)
- SR-11-19 Balascio N.L., Zhang Z., Bradley R.S., Perren B., Dahl S.O., Bakke J.**
A multi-proxy approach to assessing isolation basin stratigraphy from the Lofoten Islands, Norway
Quaternary Research v75 p288-300 (2011) [\[Link\]](#)
- SR-11-20 Brown E.T.**
Lake Malawi's response to "megadrought" terminations: Sedimentary records of flooding, weathering and erosion
Palaeogeography, Palaeoclimatology, Palaeoecology v303 p120-125 (2011) [\[Link\]](#)
- SR-11-21 MacLeod A., Palmer A., Lowe J., Rose J., Bryant C., Merritt J.**
Timing of glacier response to Younger Dryas climatic cooling in Scotland
Global and Planetary Change v79 p264-274 (2011) [\[Link\]](#)
- SR-11-22 Scholz C.A., Talbot M.R., Brown E.T., Lyons R.P.**
Lithostratigraphy, physical properties and organic matter variability in Lake Malawi Drillcore sediments over the past 145,000 years
Palaeogeography, Palaeoclimatology, Palaeoecology v303 p38-50 (2011) [\[Link\]](#)
- SR-11-23 Ohlendorf C., Gebhardt C., Hahn A., Kliem P., Zolitschka B., the PASADO science team.**
The PASADO core processing strategy — A proposed new protocol for sediment core treatment in multidisciplinary lake drilling projects
Sedimentary Geology v239 p104-115 (2011) [\[Link\]](#)
- SR-11-24 Langdon P.G., Caseldine C.J., Croudace I.W., Jarvis S., Wastegård S., Crawford T.C.**
A chironomid-based reconstruction of summer temperatures in NW Iceland since AD 1650
Quaternary Research v75 p451-460 (2011) [\[Link\]](#)
- SR-11-25 Andrade A., Rubio B., Rey D., Álvarez-Iglesias P., Bernabeu A. M., Vilas F.**
Palaeoclimatic changes in the NW Iberian Peninsula during the last 3000 years inferred from diagenetic proxies in the Ría de Muros sedimentary record
CLIMATE RESEARCH v48 p247-259 (2011) [\[Link\]](#)
- SR-11-26 Fawcett P.J., Werne J.P., Anderson R.S., Heikoop J.M., Brown E.T., Berke M.A., Smith S.J., Goff F., Donohoo-Hurley L., Cisneros-Dozal L.M., Schouten S., Sinninghe Damsté J.S., Huang Y., Toney J., Fessenden J., WoldeGabriel G., Atudorei V., Geissman J.W., Allen C.D.**
Extended megadroughts in the southwestern United States during Pleistocene interglacials
Nature v470 p518-521 (2011) [\[Link\]](#)
- SR-11-27 Guyard H., St-Onge G., Pienitz R., Francus P., Zolitschka B., Clarke G.K.C., Hausmann S., Salonen V.-P., Lajeunesse P., Ledoux G., Lamothe M.**
New insights into Late Pleistocene glacial and postglacial history of northernmost Ungava (Canada) from Pingualuit Crater Lake sediments
Quaternary Science Reviews v30 p3892-3907 (2011) [\[Link\]](#)
- SR-11-28 Johnson T.C., Brown E.T., Shi J.**
Biogenic silica deposition in Lake Malawi, East Africa over the past 150,000 years
Palaeogeography, Palaeoclimatology, Palaeoecology v303 p103-109 (2011) [\[Link\]](#)
- SR-11-29 Hernández A., Bao R., Giralto S., Barker P.A., Leng M.J., Sloane H.J., Sáez A.**
Biogeochemical processes controlling oxygen and carbon isotopes of diatom silica in Late Glacial to Holocene lacustrine rhythmites
Palaeogeography, Palaeoclimatology, Palaeoecology v299 p413-425 (2011) [\[Link\]](#)
- SR-11-30 Newby P.E., Shuman B.N., Donnelly J.P., MacDonald D.**
Repeated century-scale droughts over the past 13,000 yr near the Hudson River watershed, USA
Quaternary Research v75 p523-530 (2011) [\[Link\]](#)
- SR-11-31 Melles M., Brigham-Grette J., Minyuk P., Koeberl C., Andreev A., Cook T., Fedorov G., Gebhardt C., Haltia-Hovi E., Kukkonen M., Nowaczyk N., Schwamborn G., Wennrich V., the El'gygytyn Scientific Party**
The Lake El'gygytyn Scientific Drilling Project – Conquering Arctic Challenges through Continental Drilling
Scientific Drilling n11 p29-40 (2011) [\[Link\]](#)

- SR-11-33 Cuvén S., Francus P., Lamoureux S.**
Mid to Late Holocene hydroclimatic and geochemical records from the varved sediments of East Lake, Cape Bounty, Canadian High Arctic
Quaternary Science Reviews v30 p2651-2665 (2011) [\[Link\]](#)
- SR-11-34 Bouchard F., Francus P., Pienitz R., Laurion I.**
Sedimentology and geochemistry of thermokarst ponds in discontinuous permafrost, subarctic Quebec, Canada
J of Geophysical Research v116 n1 p1-14 (2011) [\[Link\]](#)
- SR-11-35 Scholz C.A., Cohen A.S., Johnson T.C., King J., Talbot M.R., Brown E.T..**
Scientific drilling in the Great Rift Valley: The 2005 Lake Malawi Scientific Drilling Project — An overview of the past 145,000 years of climate variability in Southern Hemisphere East Africa
Palaeogeography, Palaeoclimatology, Palaeoecology v303 p3-19 (2011) [\[Link\]](#)
- SR-11-36x Fittschen U.E.A., Falkenberg G.**
Trends in environmental science using microscopic X-ray fluorescence
Spectrochimica Acta Part B v66 p567-580 (2011) [\[Link\]](#)
- SR-11-37 Roberts A.P., Rohling E.J., Grant K.M., Larrasoña J.C., Liu Q.**
Atmospheric dust variability from Arabia and China over the last 500,000 years
Quaternary Science Reviews v30 p3537-3541 (2011) [\[Link\]](#)
- SR-11-38 Moreno A., López-Merino L., Leira M., Marco-Barba J., González-Sampériz P., Valero-Garcés B.L., López-Sáez J.A., Santos L., Mata P., Ito E.**
Revealing the last 13,500 years of environmental history from the multiproxy record of a mountain lake (Lago Enol, northern Iberian Peninsula)
J of Paleolimnology v46 p327-327 (2011) [\[Link\]](#)
- SR-11-39 Abbott P.M., Davies S.M., Austin W.E.N., Pearce N.J.G., Hibbert F.D.**
Identification of cryptotephra horizons in a North East Atlantic marine record spanning marine isotope stages 4 and 5a (~60,000-82,000 a b2k)
Quaternary International v246 p177-189 (2011) [\[Link\]](#)
- SR-11-40 Hansen L., L'Heureux J.S., Longva O.**
Turbiditic, clay-rich event beds in fjord-marine deposits caused by landslides in emerging clay deposits – palaeoenvironmental interpretation and role for submarine mass-wasting
Sedimentology v58 p890-915 (2011) [\[Link\]](#)
- SR-11-41 Smedile A., De Martini P.M., Pantosti D., Bellucci L., Del Carlo P., Gasperini L., Pirrotta C., Polonia A., Boschi E.**
Possible tsunami signatures from an integrated study in the Augusta Bay offshore (Eastern Sicily—Italy)
Marine Geology v281 p1-13 (2011) [\[Link\]](#)
- SR-11-42 Batchelor C.L., Dowdeswell J.A., Hogan K.A..**
Late Quaternary ice flow and sediment delivery through Hinlopen Trough, Northern Svalbard margin: Submarine landforms and depositional fan
Marine Geology v284 p13-27 (2011) [\[Link\]](#)
- SR-11-43 Balc. N., Vardar N., Yelboga E., Karaguler N.G.**
Bacterial community composition of sediments from Artificial Lake Maslak, Istanbul, Turkey
Environmental Monitoring Assessment onLine (2011) DOI 10.1007/s10661-011-2368-0 [\[Link\]](#)
- SR-11-44 Giralte S., Rico-Herrero M. T., Vega J. C., Valero-Garcés B. L..**
Quantitative climate reconstruction linking meteorological, limnological and XRF core scanner datasets: the Lake Sanabria case study, NW Spain
J of Paleolimnology v46 p487-502 (2011) [\[Link\]](#)
- SR-11-45 Moy C.M., Dunbar R.B., Guilderson T.P., Waldmann N., Mucciarone D.A., Recasens C., Ariztegui D., Austin Jr. J.A., Anselmetti F.S.**
A geochemical and sedimentary record of high southern latitude Holocene climate evolution from Lago Fagnano, Tierra del Fuego
Earth and Planetary Science Letters v302 p1-13 (2011) [\[Link\]](#)
- SR-11-46* Lowe.D.J**
Tephrochronology and its application: A review
Quaternary Geochronology v6 p107-153 (2011) [\[Link\]](#)
- SR-11-47 Giguet-Covex C., Arnaud F., Poulenard J., Disnar J.-R., Delhon C., Francus P., David F., Enters D., Rey P.-J., Delannoy J.-J.**
Changes in erosion patterns during the Holocene in a currently treeless subalpine catchment inferred from lake sediment geochemistry (Lake Anterne, 2063 m a.s.l., NW French Alps): The role of climate and human activities
The Holocene v21 n4 p651-665 (2011) [\[Link\]](#)

SR-11-48 Wirth S.B., Girardclos S., Rellstab C., Anselmetti F.S.

The sedimentary response to a pioneer geo-engineering project: Tracking the Kander River deviation in the sediments of Lake Thun (Switzerland)

Sedimentology v58 p1737-1761 (2011) doi: 10.1111/j.1365-3091.2011.01237.x

[\[Link\]](#)

SR-11-49 Larsen N.K., Kjær K.H., Olsen J., Funder S., Kjeldsen K.K., Nørgaard-Pedersen N.

Restricted impact of Holocene climate variations on the southern Greenland Ice Sheet

Quaternary Science Reviews, v30 i21–22 p3171-3180 (2011)

[\[Link\]](#)

REFEREED (SEDIMENTS) 2012**SR-12-01 Aarnes I., Bjune A.E., Birks H.H., Balascio N.L., Bakke J., Blaauw M.**

Vegetation responses to rapid climatic changes during the last deglaciation 13,500–8,000 years ago on southwest Andøya, arctic Norway

Veget Hist Archaeobot v21 p17–35 (2012) DOI 10.1007/s00334-011-0320-4

[\[Link\]](#)

SR-12-02 Rodysill J.R., Russell J.M., Bijaksana S., Brown E.T., Safiuddin L.O., Eggermont H.

A paleolimnological record of rainfall and drought from East Java, Indonesia during the last 1,400 years

J of Paleolimnology v47 p125–139 (2012) DOI 10.1007/s10933-011-9564-3

[\[Link\]](#)

SR-12-03 Hubert-Ferrari A., Avsar U., El Ouahbi M., Lepoint G., Fagel N.

Paleoseismic record obtained by coring a lacustrine sag-pond along the North Anatolian Fault (Turkey)

Annals of Geophysics (2012)

[\[Link\]](#)

SR-12-04 Giguet-Covex C., Arnaud F., Enters D., Poulenard J., Millet L., Francus P., David F., Rey P.-J., Wilhelm B., Delannoy J.-J.

Frequency and intensity of high-altitude floods over the last 3.5 ka in northwestern French Alps (Lake Anterne)

Quaternary Research v77 p12–22 (2012)

[\[Link\]](#)

SR-12-05 Vasskog K., Paasche Ø., Nesje A., Boyle J.F., Birks H.J.B.

A new approach for reconstructing glacier variability based on lake sediments recording input from more than one glacier

Quaternary Research v77 p192–204 (2012)

[\[Link\]](#)

SR-12-06 Matthews N.E., Smith V.C., Costa A., Durant A.J., Pyle D.M., Pearce N.J.G.

Ultra-distal tephra deposits from super-eruptions: Examples from Toba, Indonesia and Taupo Volcanic Zone, New Zealand

Quaternary International 258 p54–79 (2012)

[\[Link\]](#)

SR-12-07 Liang L., Sun Y., Yao Z., Liu Y., Wu F.

Evaluation of high-resolution elemental analyses of Chinese loess deposits measured by X-ray fluorescence core scanner

Catena v92 p75–82 (2012)

[\[Link\]](#)

SR-12-08 Kasper T., Haberzettl T., Doberschütz S., Daut G., Wang J., Zhu L., Nowaczyk N., Mäusbacher R.

Indian Ocean Summer Monsoon (IOSM)-dynamics within the past 4 ka recorded in the sediments of Lake Nam Co, central Tibetan Plateau (China)

Quaternary Science Reviews v39 p73–85 (2012)

[\[Link\]](#)

SR-12-09 Gill J.L., Williams J.W., Jackson S.T., Donnelly J.P., Schellinger G.C.

Climatic and megaherbivory controls on late-glacial vegetation dynamics: a new, high-resolution, multi-proxy record from Silver Lake, Ohio

Quaternary Science Reviews v34 p66–80 (2012)

[\[Link\]](#)

SR-12-10 Matthews N.E., Smith V.C., Costa A., Durant A.D., Pyle D.M., Pearce N.J.G.

Ultra-distal tephra deposits from super-eruptions: Examples from Toba, Indonesia and Taupo Volcanic Zone, New Zealand

Quaternary International v258 p54–79 (2012)

[\[Link\]](#)

SR-12-11 Ojala A.E.K., Francus P., Zolitschka B., Besonen M., Lamoureux S.F.

Characteristics of sedimentary varve chronologies - A review

Quaternary Science Reviews v43 p45–60 (2012)

[\[Link\]](#)

SR-12-12 Wilhelm B., Arnaud F., Sabatier P., Crouzet C., Brisset E., Chaumillon E., Disnar J.-R., Guiter F., Malet E., Reys J.-L., Tachikawa K., Bard E.d., Delannoy J.-J.

1400 yr of extreme precipitation patterns over the Mediterranean French Alps and possible forcing mechanisms

Quaternary Research 78 P1–12 (2012)

[\[Link\]](#)

SR-12-13 Wagner B., Aufgebauer A., Vogel H., Zanchetta G., Sulpizio R., Magret Damaschke M.

Late Pleistocene and Holocene contourite drift in Lake Prespa (Albania/F.Y.R. of Macedonia/Greece)

Quaternary International 1–10 (2012)

[\[Link\]](#)

SR-12-14 May S.M., Vött A., Brückner H., Grapmayer R., Handl M., Wennrich V.

The Lefkada barrier and beachrock system (NW Greece) — Controls on coastal evolution and the significance of extreme wave events

Geomorphology v139–140 p330–347 (2012)

[\[Link\]](#)

SR-12-15 Bennike O., Wagner B.

Deglaciation chronology, sea-level changes and environmental changes from Holocene lake sediments of Germania Havn SØ, Sabine Ø, northeast Greenland

Quaternary Research xxx xxx–xxx (2012)

[\[Link\]](#)

SR-12-16 Aufgebauer A., Panagiotopoulos K., Wagner B., Schaebitz F., A. Viehberg F.A., Vogel H., Zanchetta G., Sulpizio R., Leng M.J., Damaschke M.

Climate and environmental change in the Balkans over the last 17 ka recorded in sediments from Lake Prespa (Albania/F.Y.R. of Macedonia/Greece)

Quaternary International xxx (2012) 1–14 (2012)

[\[Link\]](#)

- SR-12-17 Georgiopoulou A., Benetti S., Shannon P.M., Houghton P.D.W., McCarron S.**
Gravity Flow Deposits in the Deep Rockall Trough, Northeast Atlantic
Chapter 62 (2012) [\[Link\]](#)
- SR-12-18 Pompeani D.P., Steinman B.A., Abbott M.B.**
A sedimentary and geochemical record of water-level changes from Rantin Lake, Yukon, Canada
J Paleolimnol v48 no1 p147-158 (2012), DOI 10.1007/s10933-012-9602-9 [\[Link\]](#)
- SR-12-19 Camill P., Umbanhowar Jr. C.E., Geiss C., Hobbs W.O., Edlund M.B., Cook Shinneman A., Dorale J.A., Lynch J.**
Holocene climate change and landscape development from a low-Arctic tundra lake in the western Hudson Bay region of Manitoba, Canada
J Paleolimnol v48 no1 p175-192 (2012), DOI 10.1007/s10933-012-9619-0 [\[Link\]](#)
- SR-12-20 Croudace I.W., Warwick P.E., Morris J.E.**
Evidence for the Preservation of Technogenic Tritiated Organic Compounds in an Estuarine Sedimentary Environment
Environ. Sci. Technol. XXXX, XXX, XXX-XXX (2012), dx.doi.org/10.1021/es204247f [\[Link\]](#)
- SR-12-21 Vasskog K., Waldmann N., Nesje A., Chapron E., Ariztegui D.**
New insight into the ~8100 cal yr BP catastrophic Storegga tsunami event from western Norway
(2012) [\[Link\]](#)
- SR-12-22 .**
[\[Link\]](#)
- SR-12-23 Löwemark L.**
Ethological analysis of the trace fossil Zoophycos: hints from the Arctic Ocean
Lethaia 45 (2012) p290-298 DOI 10.1111/j.1502-3931.2011.00282.x [\[Link\]](#)
- SR-12-24 Wilhelm B., Arnaud F., Enters D., Allignol F., Legaz A., Magand O., Revillon S., Giguet-Covex C., Malet E.**
Does global warming favour the occurrence of extreme floods in European Alps? First evidences from a NWAAlps proglacial lake sediment record
Climatic Change (2012) 113: p563-581 DOI 10.1007/s10584-011-0376-2 [\[Link\]](#)
- SR-12-25 Balci N., Vardar N., Yelboga E., Karaguler N.G..**
Bacterial community composition of sediments from Artificial Lake Maslak, Istanbul, Turkey
Environ Monit Assess (2012) 184: p5641-5650 DOI 10.1007/s10661-011-2368-0 [\[Link\]](#)
- SR-12-26 Balascio N.L., Bradley R.S.**
Evaluating Holocene climate change in northern Norway using sediment records from two contrasting lake systems
J Paleolimnol (2012) 48 p259-273 DOI 10.1007/s10933-012-9604-7 [\[Link\]](#)
- SR-12-27 Anderson N. J., Liversidge A. C., McGowan S., Jones M. D.**
Lake and catchment response to Holocene environmental change: spatial variability along a climate gradient in southwest Greenland
J Paleolimnol (2012) 48 p209-222 DOI 10.1007/s10933-012-9616-3 [\[Link\]](#)
- SR-12-28 Kleeberg A., Köhler A., Hupfer M.**
How effectively does a single or continuous iron supply affect the phosphorus budget of aerated lakes?
J Soils Sediments (2012) 12 p1593-1603 DOI 10.1007/s11368-012-0590-1 [\[Link\]](#)
- SR-12-29 Wagner B., Francke A., Sulpizio R., Zanchetta G., Lindhorst K., Krastel S., Vogel H., Rethemeyer J., Daut G., Grazhdani A., Lushaj B., Trajanovski S.**
Possible earthquake trigger for 6th century mass wasting deposit at Lake Ohrid (Macedonia/Albania)
Clim. Past, 8, 2069-2078, 2012 doi:10.5194/cp-8-2069-2012 [\[Link\]](#)
- SR-12-30 Brisset E., Guiter F., Miramont C., Delhon C., Arnaud F., Disnar J.-R., Poulenard J., Anthony E., Meunier J.-D., Wilhelm B., Pailles C.**
Approche Multidisciplinaire d'une Séquence Lacustre Holocène dans les Alpes du Sud au Lac Petit (Mercantour, alt. 2 200 m, France) : Histoire d'une Géosystème Dégradé
Quaternaire, 23, (4), 2012, p. 309-319 [\[Link\]](#)
- SR-12-31 Bertrand S., Hughen K.A., Lamy F., Stuut J.-B.W., Torrejón F., Lange C.B.**
Precipitation as the main driver of Neoglacial fluctuations of Gualas glacier, Northern Patagonian Icefield
Clim. Past, 8, p1-16, 2012 doi:10.5194/cp-8-1-2012 [\[Link\]](#)
- SR-12-32 .**
[\[Link\]](#)
- SR-12-33 Álvarez-Iglesias P., Rubio B.**
Trace Metals in Shallow Marine Sediments from the Ría de Vigo: Sources, Pollution, Speciation and Early Diagenesis
Earth and Planetary Sciences » Geology and Geophysics » "Geochemistry - Earth's System Processes",
ISBN 978-953-51-0586-2 [\[Link\]](#)
- SR-12-34 Limmer D.R., Köhler C.M., Hillier S., Moreton S.G., Tabrez A.R., Clift P.D.**
Chemical weathering and provenance evolution of Holocene-Recent sediments from the Western Indus Shelf, Northern Arabian Sea inferred from physical and mineralogical properties
Marine Geology 326-328 (2012) p101-115 [\[Link\]](#)

- SR-12-35 Striberger J., Björck S., Holmgren S., Hamerlík L.**
The sediments of Lake Lögurinn e A unique proxy record of Holocene glacial meltwater variability in eastern Iceland
Quaternary Science Reviews 38 (2012) p76-88 [\[Link\]](#)
- SR-12-36 Hodell D.A., Turchyn A.V., Wiseman C.J., Escobar J., Curtis J.H., Brenner M., Gilli A., Mueller A.D., Anselmetti F., Ariztegui D., Brown E.T.**
Late Glacial temperature and precipitation changes in the lowland Neotropics by tandem measurement of $\delta^{18}\text{O}$ in biogenic carbonate and gypsum hydration water
Geochimica et Cosmochimica Acta 77 (2012) p352–368 [\[Link\]](#)
- SR-12-37 Löwemark L., O'Regan M., Hanebuth T.J.J., Jakobsson M.**
Late Quaternary spatial and temporal variability in Arctic deep-sea bioturbation and its relation to Mn cycles
Palaeogeography, Palaeoclimatology, Palaeoecology 365-366 (2012) p192–208 [\[Link\]](#)
- SR-12-38 Jorgensen S.L., Hannisdal B., Lanzén A., Baumberger T, Flesland K., Fonseca R., Øvreås L., Steen I.H., Thorseth I.H., Pedersen R.B., Schleper C.**
Correlating microbial community profiles with geochemical data in highly stratified sediments from the Arctic Mid-Ocean Ridge
PNAS E2846–E2855 October 1, 2012, doi/10.1073/pnas.1207574109 [\[Link\]](#)
- SR-12-39 Kabel K., Moros M., Porsche C., Neumann T., Adolphi F., Joest Andersen T., Siegel H., Gerth M., Leipe T., Jansen E., Sinninghe Damsté J.S.**
Impact of climate change on the Baltic Sea ecosystem over the past 1,000 years
Nature Climate Change v2 dec 2012 p871-874 DOI: 10.1038/NCLIMATE1595 [\[Link\]](#)
- SR-12-40 Bouchard F., Pienitz R., Ortiz J.D., Francus P., Laurion I.**
Palaeolimnological conditions inferred from fossil diatom assemblages and derivative spectral properties of sediments in thermokarst ponds of subarctic Quebec, Canada
Boreas, 10.1111/bor.12000. p1-21 ISSN 0300-9483. [\[Link\]](#)
- SR-12-41 Simon Q., St-Onge G., Hillaire-Marcel C.**
Late Quaternary chronostratigraphic framework of deep Baffin Bay glaciomarine sediments from high-resolution paleomagnetic data
Geochemistry Geophysics Geosystems v13 n1 p1-24. Q0A003, doi:10.1029/2012GC004272 ISSN: 1525-2027 [\[Link\]](#)
- SR-12-42 Zhengquan Y., Yanguang L., Xuefa S., Bong-Chool S.**
Paleoenvironmental changes in the East/Japan Sea during the last 48 ka: indications from high-resolution X-ray fluorescence core scanning
J of Quaternary Science (2012) 27(9) p932–940 ISSN 0267-8179. DOI: 10.1002/jqs.2583 [\[Link\]](#)
- SR-12-43 Staff R.A., Nakagawa T., Schlolaut G., Marshall M.H., Brauer A., Lamb H.F, Bronk Ramsey C., L. Bryant C.L., Brock F., Kitagawa H., van der Plicht J., Payne R.L., Smith V.C., Mark D.F., MacLeod A., Blockley S.P.E., Schwenninger J.-L., Tarasov P.E., Haraguchi T., Gotanda K., Yonenobu H., Yokoyama Y., and Suigetsu 2006 project members.**
The multiple chronological techniques applied to the Lake Suigetsu SG06 sediment core, central Japan
Boreas, 10.1111/j.1502-3885.2012.00278.x. ISSN 0300-9483. [\[Link\]](#)
- SR-12-44 Gómez-Paccard M., Larrasoña J.C., Giralte S., Roberts A.P.**
First paleomagnetic results of mid- to late Holocene sediments from Lake Issyk-Kul (Kyrgyzstan): Implications for paleosecular variation in central Asia
Geochemistry Geophysics Geosystems v13 n1 p1-24. Q03019, doi:10.1029/2011GC004015 ISSN: 1525-2027 [\[Link\]](#)
- SR-12-45 Kleeberg A. Köhler A., Hupfer M.**
How effectively does a single or continuous iron supply affect the phosphorus budget of aerated lakes?
J Soils Sediments (2012) 12 p1593–1603 DOI 10.1007/s11368-012-0590-1 [\[Link\]](#)
- SR-12-46 Hoffmann N., Reicherter K., Grützner C., Hürtgen J., Rudersdorf A., Viehberg F.A., Wessels M.**
Quaternary coastline evolution of Lake Ohrid (Macedonia/Albania)
Cent. Eur. J. Geosci. 4(1) 2012 p94-110 DOI: 10.2478/s13533-011-0063-x [\[Link\]](#)
- SR-12-47 Marshall M., Schlolaut G., Nakagawa T., Lamb H., Brauer A., Staff R, Bronk Ramsey C., Tarasov P., Gotanda K., Haraguchi T., Yokoyama Y., Yonenobu H., Tada R. and Suigetsu 2006 Project Members.**
A novel approach to varve counting using mXRF and X-radiography in combination with thin-section microscopy, applied to the Late Glacial chronology from Lake Suigetsu, Japan
Quaternary Geochronology 13 (2012) p70-80 [\[Link\]](#)
- SR-12-48 McGlue M.M, Silva A., Zani H., Corradini F.A., Parolin M., Abel E.J., Cohen A.S., Assine M.L., Ellis G.S., Trees M.A., Kuerten S., dos Santos Gradella F., Rasbold G.G.**
Lacustrine records of Holocene flood pulse dynamics in the Upper Paraguay River watershed (Pantanal wetlands, Brazil)
Quaternary Research 78 (2012) p285–294 [\[Link\]](#)

SR-12-49 Foerster V., Junginger A., Langkamp O., Gebru T., Asrat A., Umer M., Lamb H.F., Wennrich V., Rethemeyer J., Nowaczyk N., Trauth M.H., Schaebitz F.

Climatic change recorded in the sediments of the Chew Bahir basin, southern Ethiopia, during the last 45,000 years
Quaternary International 274 (2012) p25-37

[\[Link\]](#)

SR-12-50 Roeser P.A., Franz S.O., Litt T., Baris Ülgen U., Hilgers A., Wulf S., Wennrich V., Akçer Ön S., Viehberg F.A., Çagatay M.N., Melles M.

Lithostratigraphic and geochronological framework for the paleoenvironmental reconstruction of the last w36 ka cal BP from a sediment record from Lake Iznik (NW Turkey)

Quaternary International 274 (2012) 73e87

[\[Link\]](#)

SR-12-51 Anderson L.

Rocky Mountain hydroclimate: Holocene variability and the role of insolation, ENSO, and the North American Monsoon
Global and Planetary Change 92–93 (2012) p198–208

[\[Link\]](#)

SR-12-52 Martin-Puertas C., Brauer A., Dulski P., Brademann B.

Testing climateproxy stationarity throughout the Holocene: an example from the varved sediments of Lake Meerfelder Maar (Germany)

Quaternary Science Reviews 58 (2012) p56-65

[\[Link\]](#)

SR-12-53 Corella J.P., Brauer A., Mangili C., Rull V., Vegas-Vilarrúbia T., Morellón M., Valero-Garcés B.L.

The 1.5-ka varved record of Lake Montcortès (southern Pyrenees, NE Spain)

Quaternary Research 78 (2012) p323–332

[\[Link\]](#)

SR-12-54 Cartapanis O., Tachikawa K., Bard E.

Latitudinal variations in intermediate depth ventilation and biological production over northeastern Pacific Oxygen Minimum Zones during the last 60 ka

Quaternary Science Reviews 53 (2012) p24-38

[\[Link\]](#)

SR-12-55 .

[\[Link\]](#)

SR-12-56 Jones A.F, Macklin M.G, Brewer P.A.

A geochemical record of flooding on the upper River Severn, UK, during the last 3750 years
Geomorphology 179 (2012) p89–105

[\[Link\]](#)

SR-12-57 M.N. Çagatay M.N., L. Erel L., L.G. Bellucci L.G., A. Polonia A., L. Gasperini L., K.K. Eriş K.K., Ü. Sancar Ü., D. Biltekin D., G. Uçarkuş G., U.B. Ülgen U.B., E. Damcı.

Sedimentary earthquake records in the İzmit Gulf, Sea of Marmara, Turkey

Sedimentary Geology 282 (2012) p347–359

[\[Link\]](#)

SR-12-58 Johnson T.C., Van Alstine J.D., Rolfhus K.R., Colman S.M., Wattrus N.J.

A high resolution study of spatial and temporal variability of natural and anthropogenic compounds in offshore Lake Superior sediments

Journal of Great Lakes Research 38, 4, 2012, p 673–685

[\[Link\]](#)

REFEREED (SEDIMENTS) 2013

SR-13-01 Stevenson C.J., Talling P.J., Wynna R.B., Masson D.G., Hunt J.E., Frenz M., Akhmetzhanov A., Cronin B.T.

The flows that left no trace: Very large-volume turbidity currents that bypassed sediment through submarine channels without eroding the sea floor

Marine and Petroleum Geology xxx p1-20 Available online 13 February (2012)

[\[Link\]](#)

SR-13-02 Wastegård S., Veres D., Kliem P., Hahn A., Ohlendorf C., Zolitschka B., The PASADO Science Team.

Towards a late Quaternary tephrochronological framework for the southernmost part of South America e the Laguna Potrok Aike tephra record

Quaternary Science Reviews Volume 71, 1 July 2013, Pages 81–90

[\[Link\]](#)

SR-13-03 Kadir Eris K.

Late Pleistocene-Holocene sedimentary records of climate and lake-level changes in Lake Hazar, eastern Anatolia, Turkey

Quaternary International xxx (2012) p1-12

[\[Link\]](#)

SR-13-04 Fortin D., Francus P., Gebhardt A.C., Hahn A., Kliem P., Lisé-Pronovost A., Roychowdhury R., Labrie J., St-Onge G., The PASADO Science Team.

Destructive and non-destructive density determination: method comparison and evaluation from the Laguna Potrok Aike sedimentary record

Quaternary Science Reviews, Volume 71, 1 July 2013, Pages 147-153

[\[Link\]](#)

SR-13-05 Jouve G., Francus P., Lamoureux S., Provencher-Nolet L., Hahn A., Habertzettl T., Fortin D., Nuttin L., The PASADO Science Team.

Microsedimentological characterization using image analysis and μ -XRF as indicators of sedimentary processes and climate changes during Lateglacial at Laguna Potrok Aike, Santa Cruz, Argentina

Quaternary Science Reviews, Volume 71, 1 July 2013, Pages 191-204

[\[Link\]](#)

SR-13-06 Doyen É., Vannièrè B., Berger J.-F., Arnaud F., Tachikawa K., Bard E.

Land-use changes and environmental dynamics in the upper Rhone valley since Neolithic times inferred from sediments in Lac Moras

The Holocene July 2013; vol. 23, 7: pp. 961-973 DOI: 10.1177/0959683612475142

[\[Link\]](#)

SR-13-07 Foulds S.A, Macklin M.G., Brewer P.A.

Agro-industrial alluvium in the Swale catchment, northern England, as an event marker for the Anthropocene

The Holocene 23(4) 587–602 DOI: 10.1177/0959683612465445

[\[Link\]](#)

SR-13-08 Krause T.R., Whitlock C.

Climate and vegetation change during the late-glacial/early-Holocene transition inferred from multiple proxy records from Blacktail Pond, Yellowstone National Park, USA

Quaternary Research, Volume 79, Issue 3, May 2013, Pages 391-402

[\[Link\]](#)

SR-13-09 Kleeberg A., Herzog C., Hupfer M.

Redox sensitivity of iron in phosphorus binding does not impede lake restoration

Water Research, Volume 47, Issue 3, 1 March 2013, Pages 1491-1502

[\[Link\]](#)

SR-13-10 Czymzik M., Brauer A., Dulski P., Plessen B., Naumann R., von Grafenstein U., Scheffler R.

Orbital and solar forcing of shifts in Mid- to Late Holocene flood intensity from varved sediments of pre-alpine Lake Ammersee (southern Germany)

Quaternary Science Reviews 61 (2013) p96-110

[\[Link\]](#)

SR-13-11 Petherick L., Bostock H., Cohen T.J., Fitzsimmons K., Tibby J., Fletcher M.-S., Moss P., Reeves J., Mooney S., Barrows T., Kemp J., Jansenm J., Nanson G., Dosseto A..

Climatic records over the past 30 ka from temperate Australia - a synthesis from the Oz-INTIMATE workgroup

Quaternary Science Reviews xxx (2013) p1-20

[\[Link\]](#)

SR-13-12 Polyak L., Best K.M., Crawford K.A, Council E.A., St-Onge G.

Quaternary history of sea ice in the western Arctic Ocean based on foraminifera

Quaternary Science Reviews, Volume 79, 1 November 2013, Pages 145-156

[\[Link\]](#)

SR-13-13 García-García A., Levey M.D., Watson E.B.

High resolution seismic study of the Holocene infill of the Elkhorn Slough, central California

Continental Shelf Research, Volume 55, 1 March 2013, Pages 108-118

[\[Link\]](#)

SR-13-14 Simonneau A., Doyen E., Chapron E., Millet L., Vannièrè B., Di Giovanni C., Bossard N., Tachikawa K., Bard E., Albéric P., Desmet M., Roux G., Lajeunesse P., Berger J.F., Arnaud F.

Holocene land-use evolution and associated soil erosion in the French Prealps inferred from Lake Paladru sediments and archaeological evidences

Journal of Archaeological Science, Volume 40, Issue 4, April 2013, Pages 1636-1645

[\[Link\]](#)

SR-13-15 Toomey M.R., Curry W.B., Donnelly J.P., van Hengstum P.J.

Reconstructing 7000 years of North Atlantic hurricane variability using deep-sea sediment cores from the western Great Bahama Bank

Paleoceanography Volume 28, Issue 1, pages 31–41, March 2013 DOI: 10.1002/palo.20012

[\[Link\]](#)

- SR-13-16 Wilhelm B., Arnaud F., Sabatier P., Magand O., Chapron E., Courp T., Tachikawa K., Fanget B., Malet E., Pignol C., Bard E., Delannoy J. J.**
Palaeoflood activity and climate change over the last 1400 years recorded by lake sediments in the north-west European Alps
J of Quaternary Science (2013) 28(2) p189–199 ISSN 0267-8179. DOI: 10.1002/jqs.2609 [\[Link\]](#)
- SR-13-17 Francus P., von Suchodoletz H., Dietze M., Donner R.V., Bouchard F., Roy A.-J., Fagot M., Verschuren D., Kröpelin S.**
Varved sediments of Lake Yoa (Ounianga Kebir, Chad) reveal progressive drying of the Sahara during the last 6100 years
Sedimentology (2013) 60, 911–934 doi: 10.1111/j.1365-3091.2012.01370.x [\[Link\]](#)
- SR-13-18 Hanslik D., Löwemark L., Jakobsson M.**
Biogenic and detrital-rich intervals in central Arctic Ocean cores identified using x-ray fluorescence scanning
Polar Research 2013, 32, 18386, <http://dx.doi.org/10.3402/polar.v32i0.18386> [\[Link\]](#)
- SR-13-19 Gilli A., Anselmetti F.S., Glur L., Wirth S.B.**
Lake Sediments as Archives of Recurrence Rates and Intensities of Past Flood Events
Dating Torrential Processes on Fans and Cones, *Advances in Global Change Research* 47, DOI 10.1007/978-94-007-4336-6_15 [\[Link\]](#)
- SR-13-20 Chawchai S., Chabangborn A., Kylander M., Löwemark L., Mörth C.-M., Blaauw M., Klubseang W., Reimer P.J., Fritz S.C., Wohlfarth B.**
Lake Kumphawapi - an archive of Holocene palaeoenvironmental and palaeoclimatic changes in northeast Thailand
Quaternary Science Reviews 68 (2013) p59-75 [\[Link\]](#)
- SR-13-21 Boyer-Villemaire U., St-Onge G., Bernatchez P., Lajeunesse P., Labrie J.**
High-resolution multiproxy records of sedimentological changes induced by dams in the Sept-Îles area (Gulf of St. Lawrence, Canada)
Marine Geology xxx (2013) xxx–xxx [\[Link\]](#)
- SR-13-22 Mylotte R., Byrne C.M.P., Chang R.R., Dalton C., Hayes M.H.B.**
Studies of Humic Substances from Sediments in Galway Bay, Ireland
Functions of Natural Organic Matter in Changing Environment, DOI 10.1007/978-94-007-5634-2_23, [\[Link\]](#)
- SR-13-23 Kürşad Kadir Eriş.**
Late Pleistocene–Holocene sedimentary records of climate and lake-level changes in Lake Hazar, eastern Anatolia, Turkey
Quaternary International, Volume 302, 17 July 2013, Pages 123-134 [\[Link\]](#)
- SR-13-24 Jessica R. Rodysill, James M. Russell, Shelley D. Crausbay, Satria Bijaksana, Mathias Vuille, R. Lawrence Edwards, Hai Cheng.**
A severe drought during the last millennium in East Java, Indonesia
Quaternary Science Reviews, Volume 80, 15 November 2013, Pages 102-111 [\[Link\]](#)
- SR-13-25 Ruth H. Thurstan, Julie P. Hawkins, Lee Raby, Callum M. Roberts.**
Oyster (*Ostrea edulis*) extirpation and ecosystem transformation in the Firth of Forth, Scotland
Journal for Nature Conservation, Volume 21, Issue 5, October 2013, Pages 253-261 [\[Link\]](#)
- SR-13-26 R. Mylotte, C.M.P. Byrne, R.R. Chang, C. Dalton, and M.H.B Hayes.**
Studies of Humic Substances from Sediments in Galway Bay, Ireland
Functions of Natural Organic Matter in Changing Environment, 2013, pp 129-133 [\[Link\]](#)
- SR-13-27 Stephen C. Phillips, Joel E. Johnson, Liviu Giosan, Kelly Rose.**
Monsoon-influenced variation in productivity and lithogenic sediment flux since 110 ka in the offshore Mahanadi Basin, northern Bay of Bengal
Marine and Petroleum Geology, In Press, Accepted Manuscript, Available online 22 May 2014 [\[Link\]](#)
- SR-13-28 Eric Font, Cristina Veiga-Pires, Manuel Pozo, Sílvia Nave, Susana Costas, Francisco Ruiz Muñoz, Manuel Abad, Nuno Simões, Sílvia Duarte, Joaquín Rodríguez-Vidal.**
Benchmarks and sediment source(s) of the 1755 Lisbon tsunami deposit at Boca do Rio Estuary
Marine Geology, Volume 343, 1 September 2013, Pages 1-14 [\[Link\]](#)
- SR-13-29 Charlotte J. Sparrenbom, Ole Bennike, Daniel Fredh, Linda Randsalu-Wendrup, Dan Zwartz, Karl Ljung, Svante Björck, Kurt Lambeck.**
Holocene relative sea-level changes in the inner Bredefjord area, southern Greenland
Quaternary Science Reviews, Volume 69, 1 June 2013, Pages 107-124 [\[Link\]](#)
- SR-13-30 Margit H. Simon, Kristina L. Arthur, Ian R. Hall, Frank J.C. Peeters, Benjamin R. Loveday, Stephen Barker, Martin Ziegler, Rainer Zahn.**
Millennial-scale Agulhas Current variability and its implications for salt-leakage through the Indian–Atlantic Ocean Gateway
Earth and Planetary Science Letters, Volume 383, 1 December 2013, Pages 101-112 [\[Link\]](#)
- SR-13-31 Renguang Zuo.**
ITRAX: A potential tool to explore the physical and chemical properties of mineralized rocks in mineral resource exploration
Journal of Geochemical Exploration, Volume 132, September 2013, Pages 149-155 [\[Link\]](#)

- SR-13-32 Olga Margalef, Núria Cañellas-Boltà, Sergi Pla-Rabes, Santiago Giralt, Juan Jose Pueyo, Hans Joosten, Valentí Rull, Teresa Buchaca, Armand Hernández, Blas L. Valero-Garcés, Ana Moreno, Alberto Sáez.**
A 70,000 year multiproxy record of climatic and environmental change from Rano Aroi peatland (Easter Island)
Global and Planetary Change, Volume 108, September 2013, Pages 72-84 [\[Link\]](#)
- SR-13-33 Friederike Stock, Anna Pint, Barbara Horejs, Sabine Ladstätter, Helmut Brückner.**
In search of the harbours: New evidence of Late Roman and Byzantine harbours of Ephesus
Quaternary International, Volume 312, 29 October 2013, Pages 57-69 [\[Link\]](#)
- SR-13-34 M. Pau, Ø. Hammer.**
Sediment mapping and long-term monitoring of currents and sediment fluxes in pockmarks in the Oslofjord, Norway
Marine Geology, Volume 346, 1 December 2013, Pages 262-273 [\[Link\]](#)
- SR-13-35 Heleen Vanneste, Rachael H. James, Boris A. Kelly-Gerreyn, Rachel A. Mills.**
Authigenic barite records of methane seepage at the Carlos Ribeiro mud volcano (Gulf of Cadiz).
Chemical Geology, Volume 354, 16 September 2013, Pages 42-54 [\[Link\]](#)
- SR-13-36 Jostein Bakke, Mathias Trachsel, Bjørn Christian Kvisvik, Atle Nesje, Astrid Lyså.**
Numerical analyses of a multi-proxy data set from a distal glacier-fed lake, Sørsendalsvatn, western Norway
Quaternary Science Reviews, Volume 73, 1 August 2013, Pages 182-195 [\[Link\]](#)
- SR-13-37 Josefine Lenz, Michael Fritz, Lutz Schirrmeyer, Hugues Lantuit, Matthew J. Wooller, Wayne H. Pollard, Sebastian Wetterich.**
Periglacial landscape dynamics in the western Canadian Arctic: Results from a thermokarst lake record on a push moraine (Herschel Island, Yukon Territory)
Palaeogeography, Palaeoclimatology, Palaeoecology, Volumes 381–382, July 2013, Pages 15-25 [\[Link\]](#)
- SR-13-38 Markus Czymzik, Achim Brauer, Peter Dulski, Birgit Plessen, Rudolf Naumann, Ulrich von Grafenstein, Raphael Scheffler.**
Orbital and solar forcing of shifts in Mid- to Late Holocene flood intensity from varved sediments of pre-alpine Lake Ammersee (southern Germany)
Quaternary Science Reviews, Volume 61, 1 February 2013, Pages 96-110 [\[Link\]](#)
- SR-13-39 Ursule Boyer-Villemaire, Guillaume St-Onge, Pascal Bernatchez, Patrick Lajeunesse, Jacques Labrie.**
High-resolution multiproxy records of sedimentological changes induced by dams in the Sept-Îles area (Gulf of St. Lawrence, Canada)
Marine Geology, Volume 338, 1 April 2013, Pages 17-29 [\[Link\]](#)
- SR-13-40 James E. Hunt, Russell B. Wynn, P.J. Talling, D.G. Masson.**
Frequency and timing of landslide-triggered turbidity currents within the Agadir Basin, offshore NW Africa: Are there associations with climate change, sea level change and slope sedimentation rates?
Marine Geology, Volume 346, 1 December 2013, Pages 274-291 [\[Link\]](#)
- SR-13-41 Nathan D. Stansell, Donald T. Rodbell, Mark B. Abbott, Bryan G. Mark.**
Proglacial lake sediment records of Holocene climate change in the western Cordillera of Peru
Quaternary Science Reviews, Volume 70, 15 June 2013, Pages 1-14 [\[Link\]](#)
- SR-13-42 Ingrid L. Hendy, Larianna Dunn, Arndt Schimmelmann.**
The timing of multi-decadal drought signals recorded in the elemental composition of Santa Barbara Basin sediments
Quaternary International, Volume 310, 15 October 2013, Page 233 [\[Link\]](#)
- SR-13-43 Juan Pablo Corella, Vania Stefanova, Adel El Anjoumi, Eugenio Rico, Santiago Giralt, Ana Moreno, Alberto Plata-Montero, Blas L. Valero-Garcés.**
A 2500-year multi-proxy reconstruction of climate change and human activities in northern Spain: The Lake Arreo record
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 386, 15 September 2013, Pages 555-568 [\[Link\]](#)
- SR-13-44 A. Pérez-Sanz, P. González-Sampériz, A. Moreno, B. Valero-Garcés, G. Gil-Romera, M. Rieradevall, P. Tarrats, L. Lasheras-Álvarez, M. Morellón, A. Belmonte, C. Sancho, M. Sevilla-Callejo, A. Navas.**
Holocene climate variability, vegetation dynamics and fire regime in the central Pyrenees: the Basa de la Mora sequence (NE Spain)
Quaternary Science Reviews, Volume 73, 1 August 2013, Pages 149-169 [\[Link\]](#)
- SR-13-45 Emily A. Carruthers, D. Philip Lane, Rob L. Evans, Jeffrey P. Donnelly, Andrew D. Ashton.**
Quantifying overwash flux in barrier systems: An example from Martha's Vineyard, Massachusetts, USA
Marine Geology, Volume 343, 1 September 2013, Pages 15-28 [\[Link\]](#)
- SR-13-46 Sabine Wulf, Florian Ott, Michał Słowiński, Agnieszka M. Noryśkiewicz, Nadine Dräger, Celia Martin-Puertas, Markus Czymzik, Ina Neugebauer, Peter Dulski, Anna J. Bourne, Mirosław Błaszczewicz, Achim Brauer.**
Tracing the Laacher See Tephra in the varved sediment record of the Trzechowskie palaeolake in central Northern Poland
Quaternary Science Reviews, Volume 76, 15 September 2013, Pages 129-139 [\[Link\]](#)
- SR-13-47 B. Zolitschka, F. Anselmetti, D. Ariztegui, H. Corbella, P. Francus, A. Lücke, N.I. Maidana, C. Ohlendorf, F. Schäbitz, S. Wastegård.**
Environment and climate of the last 51,000 years – new insights from the Potrok Aike maar lake Sediment Archive Drilling project (PASADO)
Quaternary Science Reviews, Volume 71, 1 July 2013, Pages 1-12 [\[Link\]](#)

- SR-13-48 S. Chawchai, A. Chabangborn, M. Kylander, L. Löwemark, C.-M. Mörth, M. Blaauw, W. Klubseang, P.J. Reimer, S.C. Fritz, B. Wohlfarth.**
Lake Kumphawapi – an archive of Holocene palaeoenvironmental and palaeoclimatic changes in northeast Thailand
Quaternary Science Reviews, Volume 68, 15 May 2013, Pages 59-75 [\[Link\]](#)
- SR-13-49 Virgínia A. Martins, João A. Dias, Cristina Bernardes, Belén Rubio, Ana Bernabeu, Daniel Rey, António M. Soares, Frederico Sobrinho, Lázaro M. Laut, Fabrizio Frontalini, Denise Terroso, Paulo Miranda, Sandra Fernández-Fernández, Maria Antonieta Rodrigues, Rubens Figueira, Sílvia Sousa, Paula Amaral, Michel Mahiques, Fernando Rocha.**
The ITRAX core scanner, a useful tool to distinguish anthropic vs. climatic influences in lagoon of Aveiro (N Portugal)
Journal of Coastal Research, Special Issue No. 65, 2013 p70-75 [\[Link\]](#)
- SR-13-50 Isabel Rodríguez-Germade, Belén Rubio, Daniel Rey, Federico Vilas, Virgínia Martins, Fernando Rocha.**
Evaluation of data processing techniques for marine sediments analyzed with an Itrax Core Scanner
GEOACETA, 53, 2013 p85-88 [\[Link\]](#)
- SR-13-51 Michael J. Burn, Suzanne E. Palmer.**
Solar forcing of Caribbean drought events during the last millennium
JOURNAL OF QUATERNARY SCIENCE (2013) ISSN 0267-8179. DOI: 10.1002/jqs.2660 [\[Link\]](#)
- SR-13-52 Hervé Guyard, Emmanuel Chapron, Guillaume St-Onge, Jacques Labrie.**
Late-Holocene NAO and oceanic forcing on high-altitude proglacial sedimentation (Lake Bramant, Western French Alps)
The Holocene 23(8) p1163-1172 [\[Link\]](#)
- SR-13-53 Martin Ziegler^{1,w}, Margit H. Simon¹, Ian R. Hall¹, Stephen Barker¹, Chris Stringer² & Rainer Zahn.**
Development of Middle Stone Age innovation linked to rapid climate change
Nature Communications 4, Article number: 1905 doi:10.1038/ncomms2897 [\[Link\]](#)
- SR-13-54 Élise Doyen, Boris Vannièrè, Jean-François Berger, Fabien Arnaud, Kazuyo Tachikawa, Edouard Bard.**
Land-use changes and environmental dynamics in the upper Rhone valley since Neolithic times inferred from sediments in Lac Moras
The Holocene July 2013 vol. 23 no. 7 961-973 [\[Link\]](#)
- SR-13-55 Ulrike Kienel, Peter Dulski, Florian Ott, Sebastian Lorenz, Achim Brauer.**
Recently induced anoxia leading to the preservation of seasonal laminae in two NE-German lakes
Journal of Paleolimnology December 2013, Volume 50, Issue 4, pp 535-544 [\[Link\]](#)
- SR-13-56 Mark D. Johnson, Malin E. Kylander, Lovise Casserstedt, Hanna Wiborgh, Svante Björck.**
Varved glaciomarine clay in central Sweden before and after the Baltic Ice Lake drainage: a further clue to the drainage events at Mt Billingen
GFF Volume 135, Issue 3-4, 2013 Special Issue: Varve Genesis, Chronology and Paleoclimate [\[Link\]](#)
- SR-13-57 Xiuju Liu, Steven M. Colman, Erik T. Brown, Elizabeth C. Minor, Hongyu Li.**
Estimation of carbonate, total organic carbon, and biogenic silica content by FTIR and XRF techniques in lacustrine sediments
J Paleolimnol (2013) 50:387–398 [\[Link\]](#)
- SR-13-58 Richard A. Staff, Takeshi Nakagawa, Gordon Schlolaut, Michael H. Marshall, Achim Brauer, Henry F. Lamb, Christopher Bronk Ramsey, Charlotte L. Bryant, Fiona Brock, Hiroyuki Kitagawa, Johannes van der Plicht, Rebecca L. Payne, Victoria C. Smith, Darren F. Mark, Alison Macleod, Simon P. E. Blockley, Jean-Luc Schwenninger, Pavel E. Tarasov, Tsuyoshi Haraguchi, Katsuya Gotanda, Hitoshi Yonenobu, Yusuke Yokoyama and Suigetsu 2006 Project Members.**
The multiple chronological techniques applied to the Lake Suigetsu SG06 sediment core, central Japan
Boreas Volume 42, Issue 2, pages 259–266, April 2013 [\[Link\]](#)
- SR-13-59 Hugh A. Wolgamot, Wei Zhang, Evangelia Kiosidou, Sung-hee Kim, Musa Bashir.**
Considerations for Seabed Rare Earth Mining in the Pacific
ASME 2013 32nd International Conference on Ocean, Offshore and Arctic Engineering, Volume 3: Materials Technology; Ocean Space Utilization, Nantes, France, June 9–14, 2013, ISBN: 978-0-7918-5535-5 [\[Link\]](#)
- SR-13-60 Kinuyo Kanamarua, Pierre Francusbc, Roger Françoisd, Mark Besonene, Carlo Laj.**
New insight into Saanich Inlet varved sediments (British Columbia, Canada) from micro-scale analysis of sedimentary facies and micro-XRF core scanning analyses
GFF Volume 135, Issue 3-4, 2013, Special Issue: Varve Genesis, Chronology and Paleoclimate [\[Link\]](#)
- SR-13-61 PETER M. ABBOTT, WILLIAM E. N. AUSTIN, SIWAN M. DAVIES, NICHOLAS J. G. PEARCE, FIONA D. HIBBERT.**
Cryptotephrochronology of the Eemian and the last interglacial–glacial transition in the North East Atlantic
JOURNAL OF QUATERNARY SCIENCE (2013) 28(5) 501–514 [\[Link\]](#)
- SR-13-62 ZHOU Xin, SUN Liguang, LIU Yi, WANG Yuhong.**
Potential Applications of X-ray Fluorescence Core Scanner in Elemental Analyses of the Muddy Sediments on the Coastal Shelves of China and in Ecological Study
J. Ocean Univ. China (Oceanic and Coastal Sea Research) 2013 12 (4): 619-623 [\[Link\]](#)
- SR-13-63 Sharon M. O'Rourke, Jonathan N. Turner, Nicholas M. Holden.**
Estimating Fine Resolution Carbon Concentration in an Intact Soil Profile by X-Ray Fluorescence Scanning (Book)
Soil Carbon, Progress in Soil Science 2014, pp 179-187 [\[Link\]](#)

- SR-13-64 Malin E. Kylander, Jonatan Klaminder, Barbara Wohlfarth, Ludvig Löwemark.**
Geochemical responses to paleoclimatic changes in southern Sweden since the late glacial: the Hässeldala Port lake sediment record
Journal of Paleolimnology, June 2013, Volume 50, Issue 1, pp 57-70 [\[Link\]](#)
- SR-13-65 Anaëlle Simonneau, Emmanuel Chapron, Thierry Courp, Kazuyo Tachikawa, Gaël Le Roux, Sandrine Baron, Didier Galop, Marta Garcia, Christian Di Giovanni, Mikael Motellica-Heino, Florence Mazier, Anthony Foucher, Thomas Houet, Marc Desmet, Edouard Bard.**
Recent climatic and anthropogenic imprints on lacustrine systems in the Pyrenean Mountains inferred from minerogenic and organic clastic supply (Vicdessos valley, Pyrenees, France)
The Holocene December 2013 vol. 23 no. 12 1764-1777 [\[Link\]](#)
- SR-13-66 Emanuel Braig, Christoph Mayr, Gerald Kirchner, Andrea Hofmann, Uta Raeder, Arnulf Melzer.**
Fifty years of eutrophication and lake restoration reflected in sedimentary carbon and nitrogen isotopes of a small, hardwater lake (south Germany)
J. Limnol., 2013; 72(2): 262-279 [\[Link\]](#)
- SR-13-67 Wojciech Tylmann, Bernd Zolitschka, Dirk Enters, Christian Ohlendorf.**
Laminated lake sediments in northeast Poland: distribution, preconditions for formation and potential for paleoenvironmental investigation
Journal of Paleolimnology, December 2013, Volume 50, Issue 4, pp 487-503, [\[Link\]](#)
- SR-13-68 Christine M. Brandon, Jonathan D. Woodruff, D. Phil Lane, Jeffrey P. Donnelly.**
Tropical cyclone wind speed constraints from resultant storm surge deposition: A 2500 year reconstruction of hurricane activity from St. Marks, FL
Geochemistry, Geophysics, Geosystems, Volume 14, Issue 8, pages 2993–3008, August 2013 [\[Link\]](#)
- SR-13-69 Christof Pearce, Marit-Solveig Seidenkrantz, Antoon Kuijpers, Guillaume Massé, Njáll F. Reynisson, Søren M. Kristiansen.**
Ocean lead at the termination of the Younger Dryas cold spell
Nature Communications 4, Article number: 1664 doi:10.1038/ncomms2686 [\[Link\]](#)
- SR-13-70 Aggeliki Georgiopoulou, Sara Benetti, Patrick M. Shannon, Peter D. W. Haughton, Stephen McCarron.**
Gravity Flow Deposits in the Deep Rockall Trough, Northeast Atlantic
Submarine Mass Movements and Their Consequences, Advances in Natural and Technological Hazards Research Volume 31, 2012, pp 695-707 [\[Link\]](#)
- SR-13-71 Frédéric Bouchard, Reinhard Pienitz, Joseph D. Ortiz, Pierre Francus, Isabelle Laurion.**
Palaeolimnological conditions inferred from fossil diatom assemblages and derivative spectral properties of sediments in thermokarst ponds of subarctic Quebec, Canada
Boreas, Volume 42, Issue 3, pages 575–595, July 2013 [\[Link\]](#)
- SR-13-72 Michael R. Toomey, William B. Curry, Jeffrey P. Donnelly, Peter J. van Hengstum.**
Reconstructing 7000 years of North Atlantic hurricane variability using deep-sea sediment cores from the western Great Bahama Bank
Paleoceanography, Volume 28, Issue 1, pages 31–41, March 2013 [\[Link\]](#)
- SR-13-73 Christian Koeberl, Lidia Pittarello, Wolf Uwe Reimold, Ulli Raschke, Julie Brigham-Grette, Martin Melles, Pavel Minyuk.**
El'gygytgyn impact crater, Chukotka, Arctic Russia: Impact cratering aspects of the 2009 ICDP drilling project
Meteoritics & Planetary Science, Special Issue: The 2009 ICDP drilling project at the El'gygytgyn impact structure in Arctic Russia. Volume 48, Issue 7, pages 1108–1129, July 2013 [\[Link\]](#)
- SR-13-74 Berit Oline Hjelstuen, Heidi Kjennbakken, Vegard Bleikli, Remi Antoni Ersland, Sigurd Kvilhaug, Christine Euler, Svanhild Alvheim.**
Fjord stratigraphy and processes – evidence from the NE Atlantic Fensfjorden system
Journal of Quaternary Science, Volume 28, Issue 4, pages 421–432, May 2013 [\[Link\]](#)
- SR-13-75 B. Wilhelm, F. Arnaud, P. Sabatier, O. Magand, E. Chapron, T. Courp, K. Tachikawa, B. Fanget, E. Malet, C. Pignol, E. Bard, J. J. Delannoy.**
Palaeoflood activity and climate change over the last 1400 years recorded by lake sediments in the north-west European Alps
Journal of Quaternary Science, Volume 28, Issue 2, pages 189–199, 25/26 February 2013 [\[Link\]](#)
- SR-13-76 Engel, Max, S. Matthias May, Peter Frenzel, Anja M. Scheffers, Dieter H. Kelletat, Helmut Brückner.**
Holocene tsunamis in the southern Caribbean: Evidence from stratigraphic archives and the coarse-clast record
4th International INQUA Meeting on Paleoseismology, Active Tectonics and Archeoseismology (PATA), 9-14 October 2013, Aachen, Germany [\[Link\]](#)
- SR-13-77 Elodie Brisset, Cécile Miramont, Frédéric Guiter, Edward J Anthony, Kazuyo Tachikawa, Jérôme Poulénard, Fabien Arnaud, Claire Delhon, Jean-Dominique Meunier, Edouard Bard, Franck Suméra.**
Non-reversible geosystem destabilisation at 4200 cal. BP: Sedimentological, geochemical and botanical markers of soil erosion recorded in a Mediterranean alpine lake
The Holocene December 2013 vol. 23 no. 12 1863-1874 [\[Link\]](#)

SR-13-78 K. Frühwald , A. Hasenstab and K. Osterloh.

Detection of Incipient Decay of Wood with Non- and Minor-Destructive Testing Methods

Nondestructive Testing of Materials and Structures, RILEM Bookseries Volume 6, 2013, pp 353-358

[\[Link\]](#)

REFEREED (SEDIMENTS) 2014 - 1

- SR-14-01 Trevor E. Nace, Paul A. Baker, Gary S. Dwyer, Cleverson G. Silva, Catherine A. Rigsby, Stephen J. Burns, Liviu Giosan, Bette Otto-Bliesner, Zhengyu Liu, Jiang Zhu.**
The role of North Brazil Current transport in the paleoclimate of the Brazilian Nordeste margin and paleoceanography of the western tropical Atlantic during the late Quaternary
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 415, 1 December 2014, Pages 3–13 [\[Link\]](#)
- SR-14-02 Joseph A. Carlin, Timothy M. Dellapenna.**
Event-driven deltaic sedimentation on a low-gradient, low-energy shelf: The Brazos River subaqueous delta, northwestern Gulf of Mexico
Marine Geology, Volume 353, 1 July 2014, Pages 21-30 [\[Link\]](#)
- SR-14-03 Daniel N. Schillereff, Richard C. Chiverrell, Neil Macdonald, Janet M. Hooke.**
Flood stratigraphies in lake sediments: A review
Earth-Science Reviews, Volume 135, August 2014, Pages 17-37 [\[Link\]](#)
- SR-14-04 Kelloway S.J, Colin R. Ward, Christopher E. Marjo, Irene E. Wainwright, David R. Cohen.**
Quantitative chemical profiling of coal using core-scanning X-ray fluorescence techniques
International Journal of Coal Geology, Volumes 128–129, 1 August 2014, Pages 55-67 [\[Link\]](#)
- SR-14-05 Margarita Jambrina-Enrquez, Mayte Rico, Ana Moreno, Manel Leira, Patricia Bernrdez, Ricardo Prego, Clemente Recio, Blas L. Valero-Garcs.**
Timing of deglaciation and postglacial environmental dynamics in NW Iberia: the Sanabria Lake record
Quaternary Science Reviews, Volume 94, 15 June 2014, Pages 136-158 [\[Link\]](#)
- SR-14-06 Dongjie Tang, Xiaoying Shi, Ganqing Jiang.**
Sunspot cycles recorded in Mesoproterozoic carbonate biolaminites
Precambrian Research, Volume 248, July 2014, Pages 1-16 [\[Link\]](#)
- SR-14-07 John Inge Svendsen, Linn Cecilie Krger, Jan Mangerud, Valery I. Astakhov, Aage Paus, Dmitry Nazarov, Andrew Murray.**
Glacial and vegetation history of the Polar Ural Mountains in northern Russia during the Last Ice Age, Marine Isotope Stages 5–2
Quaternary Science Reviews, Volume 92, 15 May 2014, Pages 409-428 [\[Link\]](#)
- SR-14-08 Johannes Kalbe, Steffen Mischke, Peter Dulski, Gonen Sharon.**
The Middle Palaeolithic Nahal Mahanayeem Outlet site, Israel: reconstructing the environment of Late Pleistocene wetlands in the eastern Mediterranean from ostracods
Journal of Archaeological Science 54 (2015) 385e395 [\[Link\]](#)
- SR-14-09 Stephen C. Phillips, Joel E. Johnson, Liviu Giosan, Kelly Rose.**
Monsoon-influenced variation in productivity and lithogenic sediment flux since 110 ka in the offshore Mahanadi Basin, northern Bay of Bengal
Marine and Petroleum Geology, Volume 58, Part A, December 2014, Pages 502–525 [\[Link\]](#)
- SR-14-10 Marie-Louise S. Goudeau, Anna-Lena Grauel, Chiara Tessarolo, Arne Leider, Liang Chen, Stefano M. Bernasconi, Gerard J.M. Versteegh, Karin A.F. Zonneveld, W. Boer, C.M. Alonso-Hernandez, Gert J. De Lange.**
The Glacial–Interglacial transition and Holocene environmental changes in sediments from the Gulf of Taranto, central Mediterranean
Marine Geology, Volume 348, 1 February 2014, Pages 88-102 [\[Link\]](#)
- SR-14-11 T. Edward Turner, Graeme T. Swindles, Katherine H. Roucoux.**
Late Holocene ecohydrological and carbon dynamics of a UK raised bog: impact of human activity and climate change
Quaternary Science Reviews, Volume 84, 15 January 2014, Pages 65-85 [\[Link\]](#)
- SR-14-12 J.M. Richardson, I.C. Fuller, K.A. Holt, N.J. Litchfield, M.G. Macklin.**
Rapid post-settlement floodplain accumulation in Northland, New Zealand
CATENA, Volume 113, February 2014, Pages 292-305 [\[Link\]](#)
- SR-14-13 Matthew S. Finkenbinder, Mark B. Abbott, Mary E. Edwards, Catherine T. Langdon, Byron A. Steinman, Bruce P. Finney.**
A 31,000 year record of paleoenvironmental and lake-level change from Harding Lake, Alaska, USA
Quaternary Science Reviews, Volume 87, 1 March 2014, Pages 98-113 [\[Link\]](#)
- SR-14-14 L. Lwemark, C. Mrz, M. O'Regan, R. Gyllencreutz.**
Arctic Ocean Mn-stratigraphy: genesis, synthesis and inter-basin correlation
Quaternary Science Reviews, Volume 92, 15 May 2014, Pages 97-111 [\[Link\]](#)
- SR-14-15 Cecilia M.G. McHugh, Nicole Braudy, M. Namik aatay, Christopher Sorlien, Marie-Helene Cormier, Leonardo Seeber, Pierre Henry.**
Seafloor fault ruptures along the North Anatolia Fault in the Marmara Sea, Turkey: Link with the adjacent basin turbidite record
Marine Geology, Volume 353, 1 July 2014, Pages 65-83 [\[Link\]](#)

- SR-14-16 Nathan D. Stansell, Pratigya J. Polissar, Mark B. Abbott, Maximiliano Bezada, Byron A. Steinman, Carsten Braun.**
Proglacial lake sediment records reveal Holocene climate changes in the Venezuelan Andes
Quaternary Science Reviews, Volume 89, 1 April 2014, Pages 44-55 [\[Link\]](#)
- SR-14-17 Amy Morrissey, Christopher A. Scholz.**
Paleohydrology of Lake Turkana and its influence on the Nile River system
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 403, 1 June 2014, Pages 88-100 [\[Link\]](#)
- SR-14-18 Helena Alexanderson, Jan Backman, Thomas M. Cronin, Svend Funder, Ólafur Ingólfsson, Martin Jakobsson, Jon Y. Landvik, Ludvig Löwemark, Jan Mangerud, Christian März, Per Möller, Matt O'Regan, Robert F. Spielhagen.**
An Arctic perspective on dating Mid-Late Pleistocene environmental history
Quaternary Science Reviews, Volume 92, 15 May 2014, Pages 9-31 [\[Link\]](#)
- SR-14-19 Christoph Mayr, Lorena Rebolledo, Katharina Schulte, Astrid Schuster, Bernd Zolitschka, Günter Försterra, Verena Häussermann.**
Responses of nitrogen and carbon deposition rates in Comau Fjord (42°S, southern Chile) to natural and anthropogenic impacts during the last century
Continental Shelf Research, Volume 78, 15 April 2014, Pages 29-38 [\[Link\]](#)
- SR-14-20 Josu Aranbarri, Penélope González-Sampériz, Blas Valero-Garcés, Ana Moreno, Graciela Gil-Romera, Miguel Sevilla-Callejo, Eduardo García-Prieto, Federico Di Rita, M. Pilar Mata, Mario Morellón, Donatella Magri, Julio Rodríguez-Lázaro, José S. Carrión.**
Rapid climatic changes and resilient vegetation during the Lateglacial and Holocene in a continental region of south-western Europe
Global and Planetary Change, Volume 114, March 2014, Pages 50-65 [\[Link\]](#)
- SR-14-21 Alba Andrade, Belén Rubio, Daniel Rey, Paula Álvarez-Iglesias, Ana María Bernabeu, Mariaelena Fedi.**
Environmental changes at the inner sector of Ría de Muros (NW Spain) during Middle to Late Holocene
Estuarine, Coastal and Shelf Science, Volume 136, 1 January 2014, Pages 91-101 [\[Link\]](#)
- SR-14-22 Gordon Schlolaut, Achim Brauer, Michael H. Marshall, Takeshi Nakagawa, Richard A. Staff, Christopher Bronk Ramsey, Henry F. Lamb, Charlotte L. Bryant, Rudolf Naumann, Peter Dulski, Fiona Brock, Yusuke Yokoyama, Ryuji Tada, Tsuyoshi Haraguchi, Suigetsu 2006 project members.**
Event layers in the Japanese Lake Suigetsu 'SG06' sediment core: description, interpretation and climatic implications
Quaternary Science Reviews, Volume 83, 1 January 2014, Pages 157-170 [\[Link\]](#)
- SR-14-23 Michael-Shawn Fletcher, Brent B. Wolfe, Cathy Whitlock, David P. Pompeani, Hendrik Heijnis, Simon G. Haberle, Patricia S. Gadd, David M. J. S. Bowman.**
The legacy of mid-Holocene fire on a Tasmanian montane landscape
Journal of Biogeography (J. Biogeogr.) (2014) 41, 476-488 [\[Link\]](#)
- SR-14-24 Ulaş Avşar, Aurélie Hubert-Ferrari, Marc De Batist, Nathalie Fagel.**
A 3400 year lacustrine paleoseismic record from the North Anatolian Fault, Turkey: Implications for bimodal recurrence behavior
Geophysical Research Letters, Volume 41, Issue 2, pages 377-384, 28 January 2014 [\[Link\]](#)
- SR-14-25 Xiuju Liu, Steven M. Colman, Erik T. Brown, Andrew C. G. Henderson, Josef P. Werne, Jonathan A. Holmes.**
Abrupt deglaciation on the northeastern Tibetan Plateau: evidence from Lake Qinghai
Journal of Paleolimnology February 2014, Volume 51, Issue 2, pp 223-240 [\[Link\]](#)
- SR-14-26 Quentin Simon, Claude Hillaire-Marcel, Guillaume St-Onge, John T. Andrews.**
North-eastern Laurentide, western Greenland and southern Innuitian ice stream dynamics during the last glacial cycle
Journal of Quaternary Science, Volume 29, Issue 1, pages 14-26, January 2014 [\[Link\]](#)
- SR-14-27 Samuel A. Beal, Meredith A. Kelly, Justin S. Stroup, Brian P. Jackson, Thomas V. Lowell, Pedro M. Tapia.**
Natural and anthropogenic variations in atmospheric mercury deposition during the Holocene near Quelccaya Ice Cap, Peru
Global Biogeochemical Cycles, Volume 28, Issue 4, pages 437-450, April 2014 [\[Link\]](#)
- SR-14-28 Len Martin, Scott Mooney and James Goff.**
Coastal wetlands reveal a non-synchronous island response to sea-level change and a palaeostorm record from 5.5 kyr to present
The Holocene March 3, 2014 0959683614522306 [\[Link\]](#)
- SR-14-29 James M. Russell, Hendrik Vogel, Bronw L. Konecky, Satria Bijaksan, Yongsong Huang, Martin Melles, Nigel Wattrus, Kassandra Costa, John W. King.**
Glacial forcing of central Indonesian hydroclimate since 60,000 y B.P.
PNAS, April 8, 2014, vol. 111, no. 14, p5100-5105 [\[Link\]](#)
- SR-14-30 Bernd Wagner, Ole Bennike.**
Holocene environmental change in the Skallingen area, eastern North Greenland, based on a lacustrine record
Boreas Volume 44, Issue 1, January 2015, Pages 45-59 [\[Link\]](#)

- SR-14-31 O. Cartapanis, K. Tachikawa, O. E. Romero, E. Bard.**
Persistent millennial-scale link between Greenland climate and northern Pacific Oxygen Minimum Zone under interglacial conditions
Clim. Past, 10, 405–418, 2014 [\[Link\]](#)
- SR-14-32 Shyhrete Shala, Karin F. Helmens, Krister N. Jansson, Malin E. Kylander, Jan Risberg, Ludvig Löwemark.**
Palaeoenvironmental record of glacial lake evolution during the early Holocene at Sokli, NE Finland
Boreas, Volume 43, Issue 2, pages 362–376, April 2014 [\[Link\]](#)
- SR-14-33 Annika Berntsson, Gunhild C Rosqvist, Gaute Velle.**
Late-Holocene temperature and precipitation changes in Vindelfjällen, mid-western Swedish Lapland, inferred from chironomid and geochemical data
The Holocene January 2014 vol. 24 no. 1 78-92 [\[Link\]](#)
- SR-14-34 Peter D. Clift, Liviu Giosan, Timothy J. Henstock, Ali R. Tabrez.**
Sediment storage and reworking on the shelf and in the Canyon of the Indus River-Fan System since the last glacial maximum
Basin Research, Special Issue: Deep Water Continental Margins, Volume 26, Issue 1, pages 183–202, February 2014 [\[Link\]](#)
- SR-14-35 K. Panagiotopoulos, A. Böhm, M. J. Leng, B. Wagner, F. Schäbitz.**
Climate variability over the last 92 ka in SW Balkans from analysis of sediments from Lake Prespa
Clim. Past, 10, 643-660, 2014 [\[Link\]](#)
- SR-14-36 Karoline Kabel, Matthias Moros, Christian Porsche, Thomas Neumann, Florian Adolphi, Thorbjørn Joest Andersen, Herbert Siegel, Monika Gerth, Thomas Leipe, Eystein Jansen, Jaap S. Sinninghe Damsté.**
Impact of climate change on the Baltic Sea ecosystem over the past 1,000 years
Nature Climate Change 2, 871–874 (2012) doi:10.1038/nclimate1595 [\[Link\]](#)
- SR-14-37 Stefan Doberschütz, Peter Frenzel, Torsten Haberzettl, Thomas Kasper, Junbo Wang, Liping Zhu, Gerhard Daut, Antje Schwalb, Roland Mäusbacher.**
Monsoonal forcing of Holocene paleoenvironmental change on the central Tibetan Plateau inferred using a sediment record from Lake Nam Co (Xizang, China)
J Paleolimnol (2014) 51:253–266 [\[Link\]](#)
- SR-14-38 Atle Nesje, Jostein Bakke, Stephen J. Brooks, Darrell S. Kaufman, Emma Kihlberg, Mathias Trachsel, William J. D’Andrea, John A. Matthews.**
Late glacial and Holocene environmental changes inferred from sediments in Lake Myklevatnet, Nordfjord, western Norway
Veget Hist Archaeobot (2014) 23:229–248 [\[Link\]](#)
- SR-14-39 Sarah E. Metcalfe, Bronwen S. Whitney, Katharine A. Fitzpatrick, Francis E. Mayle, Neil J. Loader, F. Alayne Street-Perrott, David G. Mann.**
Hydrology and climatology at Laguna La Gaiba, lowland Bolivia: complex responses to climatic forcings over the last 25 000 years
Journal of Quaternary Science, Volume 29, Issue 3, pages 289–300, April 2014 [\[Link\]](#)
- SR-14-40 Yu Li, Renguang Zuo, Yin Bai, Mingguo Yang.**
The relationships between magnetic susceptibility and elemental variations for mineralized rocks
Journal of Geochemical Exploration, Volume 146, November 2014, Pages 17-26 [\[Link\]](#)
- SR-14-41 Rodríguez-Germade, B. Rubio, D. Rey.**
XRF scanners as a quick screening tool for detecting toxic pollutant elements in sediments from Marín harbour in the Ría de Pontevedra (NW Spain)
Journal of Geochemical Exploration, Volume 146, November 2014, Pages 17-26 [\[Link\]](#)
- SR-14-42 Federico Isla, Marcela Espinosa, Belén Rubio, Alejandra Escandell, Marcela Gerpe, Karina Miglioranza, Daniel Rey, Federico Vilas**
Avulsion at a drift-dominated mesotidal estuary: The Chubut River outlet, Patagonia, Argentina
Journal of Hydrology, In Press, Corrected Proof, Available online 24 December 2014 [\[Link\]](#)
- SR-14-43 Ulaş Avşar, Aurélia Hubert-Ferrari, Marc De Batist, Gilles Lepoint, Sabine Schmidt, Nathalie Fagel**
Seismically-triggered organic-rich layers in recent sediments from Göllüköy Lake (North Anatolian Fault, Turkey)
Quaternary Science Reviews, Volume 103, 1 November 2014, Pages 67-80 [\[Link\]](#)
- SR-14-44 Michael Cassidy, Sebastian F.L. Watt, Martin R. Palmer, Jessica Trofimovs, William Symons, Suzanne E. Maclachlan, Adam J. Stinton**
Construction of volcanic records from marine sediment cores: A review and case study (Montserrat, West Indies)
Earth-Science Reviews, Volume 138, November 2014, Pages 137-155 [\[Link\]](#)
- SR-14-45 M.N. Çağatay, N. Öğretmen, E. Damcı, M. Stockhecke, Ü. Sancar, K.K. Eriş, S. Özeren**
Lake level and climate records of the last 90 ka from the Northern Basin of Lake Van, eastern Turkey
Quaternary Science Reviews, Volume 104, 15 November 2014, Pages 97-116 [\[Link\]](#)

- SR-14-46 E.K. Magyari, D. Veres, V. Wennrich, B. Wagner, M. Braun, G. Jakab, D. Karátson, Z. Pál, Gy Ferenczy, G. St-Onge, J. Rethemeyer, J.-P. Francois, F. von Reumont, F. Schäbitz**
Vegetation and environmental responses to climate forcing during the Last Glacial Maximum and deglaciation in the East Carpathians: attenuated response to maximum cooling and increased biomass burning
Quaternary Science Reviews, Volume 106, 15 December 2014, Pages 278-298 [\[Link\]](#)
- SR-14-47 B. Yellen, J.D. Woodruff, L.N. Kratz, S.B. Mabee, J. Morrison, A.M. Martini**
Source, conveyance and fate of suspended sediments following Hurricane Irene. New England, USA
Geomorphology, Volume 226, 1 December 2014, Pages 124-134 [\[Link\]](#)
- SR-14-48 C. Ohlendorf, M. Fey, J. Massaferrro, T. Haberzettl, C. Laprida, A. Lücke, N. Maidana, C. Mayr, M. Oehlerich, J. Ramón Mercau, M. Wille, H. Corbella, G. St-Onge, F. Schäbitz, B. Zolitschka**
Late Holocene hydrology inferred from lacustrine sediments of Laguna Cháltel (southeastern Argentina)
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 411, 1 October 2014, Pages 229-248 [\[Link\]](#)
- SR-14-49 Linda E. Heusser, Ingrid L. Hendy, John A. Barron**
Vegetation response to southern California drought during the Medieval Climate Anomaly and early Little Ice Age (AD 800–1600)
Quaternary International, In Press, Corrected Proof, Available online 17 October 2014 [\[Link\]](#)
- SR-14-50 M. Pau, Ø. Hammer, S. Chand**
Constraints on the dynamics of pockmarks in the SW Barents Sea: Evidence from gravity coring and high-resolution, shallow seismic profiles
Marine Geology, Volume 355, 1 September 2014, Pages 330-345 [\[Link\]](#)
- SR-14-51 Christof Pearce, Marit-Solveig Seidenkrantz, Antoon Kuijpers, Njáll Fannar Reynisson**
A multi-proxy reconstruction of oceanographic conditions around the Younger Dryas–Holocene transition in Placentia Bay, Newfoundland
Marine Micropaleontology, Volume 112, October 2014, Pages 39-49 [\[Link\]](#)
- SR-14-52 Sébastien Bertrand, Konrad Hughen, Julio Sepúlveda, Silvio Pantoja**
Late Holocene covariability of the southern westerlies and sea surface temperature in northern Chilean Patagonia
Quaternary Science Reviews, Volume 105, 1 December 2014, Pages 195-208 [\[Link\]](#)
- SR-14-53 T Ballesteros, E Montoya, T Vegas-Vilarrúbia, S Giralt, MB Abbott, V Rull**
An 8700-year record of the interplay of environmental and human drivers in the development of the southern Gran Sabana landscape, SE Venezuela
The Holocene, 2014, Vol. 24(12) 1757–1770 [\[Link\]](#)
- SR-14-54 Michael A. Clare, Peter J. Talling, Peter Challenor, Giuseppe Malgesini, James Hunt**
Distal turbidites reveal a common distribution for large (>0.1 km³) submarine landslide recurrence
Geology v. 42 no. 3 p. 263-266 [\[Link\]](#)
- SR-14-55 Praveen K. Mishra, A. Anoop, G. Schettler, Sushma Prasad, A. Jehangir, P. Menzel, R. Naumann, A.R. Yousuf, N. Basavaiah, K. Deenadayalan, M.G. Wiesner, B. Gaye**
Reconstructed late Quaternary hydrological changes from Lake Tso Moriri, NW Himalaya
Quaternary International, In Press, Corrected Proof, Available online 16 December 2014 [\[Link\]](#)
- SR-14-56 Sofia Pechlivanidou, Konstantinos Vouvalidis, Reidar Løvlie, Atle Nesje, Konstantinos Albanakis, Christos Pennos, George Syrides, Patience Cowie, Robert Gawthorpe**
A multi-proxy approach to reconstructing sedimentary environments from the Sperchios delta, Greece
The Holocene December 2014 vol. 24 no. 12 1825-1839 [\[Link\]](#)
- SR-14-57 Ina Neugebauer, Achim Brauer, Markus J. Schwab, Nicolas D. Waldmann, Yehouda Enzel, Hiroyuki Kitagawa, Adi Torfstein, Ute Frank, Peter Dulski, Amotz Agnon, Daniel Ariztegui, Zvi Ben-Avraham, Steven L. Goldstein, Mordechai Stein, DSDDP Scientific Party**
Lithology of the long sediment record recovered by the ICDP Dead Sea Deep Drilling Project (DSDDP)
Quaternary Science Reviews, Volume 102, 15 October 2014, Pages 149-165 [\[Link\]](#)
- SR-14-58 Kristina Wutke, Sabine Wulf, Emma L. Tomlinson, Mark Hardiman, Peter Dulski, Jürg Luterbacher, Achim Brauer**
Geochemical properties and environmental impacts of seven Campanian tephra layers deposited between 40 and 38 ka BP in the varved lake sediments of Lago Grande di Monticchio, southern Italy
Quaternary Science Reviews, In Press, Corrected Proof, Available online 22 August 2014 [\[Link\]](#)
- SR-14-59 Marieke Ahlborn, Torsten Haberzettl, Junbo Wang, Mauro Alivernini, Frank Schlütz, Anja Schwarz, Youliang Su, Peter Frenzel, Gerhard Daut, Liping Zhu, Roland Mäusbacher**
Sediment dynamics and hydrologic events affecting small lacustrine systems on the southern-central Tibetan Plateau – the example of TT Lake
The Holocene, 2015, Vol. 25(3) 508–522 [\[Link\]](#)

- SR-14-60 Stefan Lauterbach, Roman Witt, Birgit Plessen, Peter Dulski, Sushma Prasad, Jens Mingram, Gerd Gleixner, Sabine, Hettler-Riedel, Martina Stebich, Bernhard Schnetger, Antje Schwalb, Anja Schwarz**
Climatic imprint of the mid-latitude Westerlies in the Central Tian Shan of Kyrgyzstan and teleconnections to North Atlantic climate variability during the last 6000 years
The Holocene, 2014, Vol. 24(8) 970–984 [\[Link\]](#)
- SR-14-61 Walter Finsinger, Thierry Fonville, Emiliya Kirilova, Andrea Lami, Piero Guilizzoni, André F. Lotter**
A long-term multi-proxy record of varved sediments highlights climate-induced mixing-regime shift in a large hard-water lake ~5000 years ago
Journal of Limnology, Vol 73, No 2 (2014) 73(2), 211-222 [\[Link\]](#)
- SR-14-62 Sarah J. Kelloway, Colin R. Ward, Christopher E. Marjo, Irene E. Wainwright, David R. Cohen**
Calibration for ED-XRF profiling of coal cores for the Itrax Core Scanner
Powder Diffraction / Volume 29 / Supplement S1 / December 2014, pp S28-S34 [\[Link\]](#)
- SR-14-63 Ulaş Avcı, Aurélie Hubert-Ferrari, Marc De Batist, Nathalie Fagel**
A 3400 year lacustrine paleoseismic record from the North Anatolian Fault, Turkey: Implications for bimodal recurrence behavior
Geophysical Research Letters Volume 41, Issue 2, pages 377–384, 28 January 2014 [\[Link\]](#)
- SR-14-64 Bas van Geel, Henk Heijnis, Dan J Charman, Gareth Thompson, Stefan Engels**
Bog burst in the eastern Netherlands triggered by the 2.8 kyr BP climate event
The Holocene November 2014 vol. 24 no. 11 1465-1477 [\[Link\]](#)
- SR-14-65 Sharon M. O'Rourke, Jonathan N. Turner, Nicholas M. Holden**
Soil Carbon Progress in Soil Science 2014, pp 179-187 [\[Link\]](#)
- SR-14-66 Long, Kelsie**
Focus on AQUA, Mildura: Recent advances in palaeoclimate studies
Quaternary Australasia, Vol. 31, No. 2, Dec 2014: 7-8 [\[Link\]](#) [\[Link\]](#)
- SR-14-67 K. Tachikawa, L. Vidal, M. Cornuault, M. Garcia, A. Pothin, C. Sonzogni, E. Bard, G. Menot, M. Revel**
Eastern Mediterranean Sea circulation inferred from the conditions of S1 sapropel deposition
Clim. Past Discuss., 10, 4647-4681, 2014 [\[Link\]](#)
- SR-14-68 Helen Miller, Ian W. Croudace, Jonathan M. Bull, Carol J. Cotterill, Justin K. Dix, Rex N. Taylor**
A 500 Year Sediment Lake Record of Anthropogenic and Natural Inputs to Windermere (English Lake District) Using Double-Spike Lead Isotopes, Radiochronology, and Sediment Microanalysis
Environ. Sci. Technol., 2014, 48 (13), pp 7254–7263 [\[Link\]](#)
- SR-14-69 K. Schitteck, B. Mähtle, F. Schäbitz, M. Forbriger, V. Wennrich, M. Reindel, B. Eitel**
Holocene environmental changes in the highlands of the southern Peruvian Andes (14° S) and their impact on pre-Columbian cultures
Clim. Past, 11, 27-44, 2015 [\[Link\]](#)
- SR-14-70 Norman Schreiber, Emanuel Garcia, Aart Kroon, Peter C. Iisøe, Kurt H. Kjær, Thorbjørn J. Andersen**
Pattern Recognition on X-ray Fluorescence Records from Copenhagen Lake Sediments Using Principal Component Analysis
Water, Air, & Soil Pollution November 2014, 225:2221 [\[Link\]](#)
- SR-14-71 Moreira, S, Costa, P. J. M, Andrade, C, Freitas, M. C, Oliveira, M. A, Silva, T., Lira, C.**
Geochemical signature in a tsunami deposit detected in Lagoa dos Salgados (Portugal)
19th ISC 2014 18-22 August, Geneva, Switzerland [\[Link\]](#)
- SR-14-72 Michael J. Burn, Suzanne E. Palmer**
Solar forcing of Caribbean drought events during the last millennium
Journal of Quaternary Science Volume 29, Issue 8, pages 827–836, November 2014 [\[Link\]](#)
- SR-14-73 Ulrike Proske, Henk Heijnis, Patricia Gadd**
Using X-ray fluorescence core scanning to assess acid sulfate soils
Soil Research 52(8) 760-768 [\[Link\]](#)
- SR-14-74 Annette Hahn, Pierre Kliem, Markus Oehlerich, Christian Ohlendorf, Bernd Zolitschka, the PASADO Science Team**
Elemental composition of the Laguna Potrok Aike sediment sequence reveals paleoclimatic changes over the past 51 ka in southern Patagonia, Argentina
Journal of Paleolimnology, December 2014, Volume 52, Issue 4, pp 349-366 [\[Link\]](#)
- SR-14-75 Gao Wei, Li Guangxue, Wang Xiangdong, Sun Tao, Liu Yong, Cao Lihua**
Sedimentary Characteristics of the Hyperepiclinal Flow in the Modern Yellow River Delta [\[Link\]](#)
- SR-14-76 D. Sprenk, M. E. Weber, G. Kuhn, V. Wennrich, T. Hartmann, K. Seelos**
Seasonal changes in glacial polynya activity inferred from Weddell Sea varves
Clim. Past, 10, 1239-1251, 2014 [\[Link\]](#)
- SR-14-77 Max Engel, Helmut Brückner**
Late Quaternary environments and societies: progress in geoarchaeology
Zeitschrift für Geomorphologie N.F., Suppl. Vol 58 (2): 1–6 [\[Link\]](#) [\[Link\]](#) [\[Link\]](#)

- SR-14-78** **María-Teresa Ramírez-Herrera, Néstor Corona, Marcelo Lagos, Jan Černý, Avto Goguitchaichvili, James Goff, Catherine Chagué-Goff, Maria Luisa Machain, Atun Zawadzki, Geraldine Jacobsen, Arturo Carranza-Edwards, Socorro Lozano, Lindsey Blecher**
 Unearthing earthquakes and their tsunamis using multiple proxies: the 22 June 1932 event and a probable fourteenth-century predecessor on the Pacific coast of Mexico
International Geology Review, Volume 56, Issue 13, 2014 [\[Link\]](#)
- SR-14-79** **Simon Stoddart**
 FRAGSUS. Fragility and sustainability in prehistoric Malta
The European Archaeologist – Issue No. 41: Summer 2014 [\[Link\]](#)
- SR-14-80** **Paige E. Newby, Bryan N. Shuman, Jeffrey P. Donnelly, Kristopher B. Karnauskas, Jeremiah Marsice**
 Centennial-to-millennial hydrologic trends and variability along the North Atlantic Coast, USA, during the Holocene
Geophysical Research Letters, Volume 41, Issue 12, pages 4300–4307, 28 June 2014 [\[Link\]](#)
- SR-14-81** **V. Wennrich, P. S. Minyuk, V. Borkhodoev, A. Francke, B. Ritter, N. R. Nowaczyk, M. A. Sauerbrey, J. Brigham-Grette, M. Melles**
 Pliocene to Pleistocene climate and environmental history of Lake El'gygytyn, Far East Russian Arctic, based on high-resolution inorganic geochemistry data
Clim. Past, 10, 1381-1399, 2014 [\[Link\]](#)
- SR-14-82** **Martin Finné, Malin Kylander, Meighan Boyd, Hanna S. Sundqvist, Ludvig Löwemark**
 Can XRF scanning of speleothems be used as a non-destructive method to identify paleoflood events in caves?
International Journal of Speleology, 44(1) p17-23 [\[Link\]](#)
- SR-14-83** **Christine M. Brandon, Jonathan D. Woodruff, Jeffrey P. Donnelly, Richard M. Sullivan**
 How Unique was Hurricane Sandy? Sedimentary Reconstructions of Extreme Flooding from New York Harbor
Scientific Reports 4, Article number: 7366 [\[Link\]](#)
- SR-14-84** **Marta Szal, Mirosława Kupryjanowicz, Mariusz Wyczółkowski, Wojciech Tylmann**
 The Iron Age in the Mragowo Lake District, Masuria, NE Poland: the Salet settlement microregion as an example of long-lasting human impact on vegetation
Vegetation History and Archaeobotany, July 2014, Volume 23, Issue 4, pp 419-437 [\[Link\]](#)
- SR-14-85** **E. Raper, S. Davies, B. Perkins, H. Lamb, M. Hermanson, A. Soares, T. Stephenson**
 Ecological conditions of ponds situated on blast furnace slag deposits located in South Gare Site of Special Scientific Interest (SSSI), Teesside, UK
Environmental Geochemistry and Health, December 2014 [\[Link\]](#)
- SR-14-86** **C. Martin-Puertas, A. Brauer, S. Wulf, F. Ott, S. Lauterbach, and P. Dulski**
 Annual proxy data from Lago Grande di Monticchio (southern Italy) between 76 and 112 ka: new chronological constraints and insights on abrupt climatic oscillations
Clim. Past, 10, 2099-2114, 2014 [\[Link\]](#)
- SR-14-87** **H. Kuehn, L. Lembke-Jene, R. Gersonde, O. Esper, F. Lamy, H. Arz, G. Kuhn, R. Tiedemann**
 Laminated sediments in the Bering Sea reveal atmospheric teleconnections to Greenland climate on millennial to decadal timescales during the last deglaciation
Clim. Past, 10, 2215-2236, 2014 [\[Link\]](#)
- SR-14-88** **Alicja Bonk, Wojciech Tylmann, Benjamin Amann, Dirk Enters, Martin Grosjean**
 Modern limnology, sediment accumulation and varve formation processes in Lake Żabińskie, northeastern Poland: comprehensive process studies as a key to understand the sediment record
Journal of Limnology, http://dx.doi.org/10.4081/jlimnol.2014.1117 [\[Link\]](#)
- SR-14-89** **Chang Pyo Jun, Chang Hwan Kim, Yeong Kyoo Kim, Seong Joo Lee**
 Paleoenvironmental Reconstruction of the Hupo Basin Using Grain Size and Mineral Analysis
 Hupo Basin, grain size analysis, sensitive grain size, clay mineral, Tsushima Warm Current [\[Link\]](#)
- SR-14-90** **Xiuju Liu, Timothy G. Fisher, Kenneth Lepper, Thomas V. Lowell**
 Geochemical characteristics of glacial Lake Agassiz sediments and new ages for the Moorhead Phase at Fargo, North Dakota, USA
Canadian Journal of Earth Sciences, 2014, Vol. 51, No. 9 : pp. 850-861 [\[Link\]](#)
- SR-14-91** **Unkel I, Schimmelmann A, Shriner C, Forsén J, Heymann C, Brückner H.**
 The environmental history of the last 6500 years in the Asea Valley (Peloponnese, Greece) and its linkage to the local archaeological record
Zeitschrift für Geomorphologie, Supplementary Issues, Volume 58, Number 2 [\[Link\]](#)
- SR-14-92** **Zolitschka, Bernd; Rolf, Christian; Bittmann, Felix; Binot, Franz; Frechen, Manfred; Wonik, Thomas; Froitzheim, Nikolaus; Ohlendorf, Christian**
 Pleistocene climatic and environmental variations inferred from a terrestrial sediment record – the Rodderberg Volcanic Complex near Bonn, Germany Pleistozäne Klima- und Umweltvariationen abgeleitet von terrestrischen Sedimenten aus dem Rodderberg-Vulkankomplex bei Bonn
Zeitschrift der Deutschen Gesellschaft für Geowissenschaften, Volume 165, Number 3, September 2014, pp. 407-424(18) [\[Link\]](#)

SR-14-93 Jason D. Chaytor, Uri S. ten Brink

Event sedimentation in low-latitude deep-water carbonate basins, Anegada passage, northeast Caribbean
Basin Research

[\[Link\]](#)

REFEREED (SEDIMENTS) 2015 - 1

- SR-15-01 J.D. Woodruff, K. Kanamaru, S. Kundu, T.L. Cook**
 Depositional evidence for the Kamikaze typhoons and links to changes in typhoon climatology
Geology Feb 10, 2015 [\[Link\]](#)
- SR-15-02 Thomas Kasper, Torsten Haberzettl, Junbo Wang, Gerhard Daut, Stefan Doberschütz, Lipng Zhu, Roland Mäusbacher**
 Hydrological variations on the Central Tibetan Plateau since the Last Glacial Maximum and their teleconnection to inter-regional and hemispheric climate variations
Journal of Quaternary Science, Volume 30, Issue 1, pages 70–78, January 2015 [\[Link\]](#)
- SR-15-03 Mark D. Shapley, Bruce P. Finney**
 Lake morphometry controls the remobilization and long-term geochemical imprint of distal tephra deposition
Journal of Paleolimnology, January 2015 [\[Link\]](#)
- SR-15-04 Magdalena Łacka, Joanna Pawłowska, Marek Zajączkowski**
 New Methods in the Reconstruction of Arctic Marine Palaeoenvironments
Impact of Climate Changes on Marine Environments, GeoPlanet: Earth and Planetary Sciences 2015, pp 127-148 [\[Link\]](#)
- SR-15-05 Michael Ender, Rudolf Ender, Bernd Bobertz, Thomas Leipe, Helge W. Arz**
 Linkage between acoustic parameters and seabed sediment properties in the south-western Baltic Sea
Geo-Marine Letters, April 2015, Volume 35, Issue 2, pp 145-160 [\[Link\]](#)
- SR-15-06 O. Raji, L. Dezileau, U. Von Grafenstein, S. Niazi, M. Snoussi, P. Martinez**
 Extreme sea events during the last millennium in the northeast of Morocco
Nat. Hazards Earth Syst. Sci., 15, 203-211, 2015 [\[Link\]](#)
- SR-15-07 Simon Matthias May, Dominik Brill, Max Engel, Anja Scheffers, Anna Pint, Stephan Opitz, Volker Wennrich, Peter Squire, Dieter Kelletat, Helmut Brückner**
 Traces of historical tropical cyclones and tsunamis in the Ashburton Delta (north-west Australia)
Sedimentology, Volume 62, Issue 6, pages 1546–1572, October 2015 [\[Link\]](#)
- SR-15-08 Anna Lintern, Ana Deletic, Paul Leahy, David McCarthy**
 Digging up the dirty past: evidence for stormwater's contribution to pollution of an urban floodplain lake
Marine & Freshwater Research 30 jan 2015 [\[Link\]](#)
- SR-15-09 Stephanie L Strother, Ulrich Salzmann, Stephen J Roberts, Dominic A Hodgson, John Woodward, Wim Van Nieuwenhuyze, Elie Verleyen, Wim Vyverman, Steven G Moreton**
 Changes in Holocene climate and the intensity of Southern Hemisphere Westerly Winds based on a high-resolution palynological record from sub-Antarctic South Georgia
The Holocene, 2015, Vol. 25(2) 263–279 [\[Link\]](#)
- SR-15-10 M. Namik Çağatay, Sabine Wulf, Ümmühan Sancar, Aslı Özmaral, Laurence Vidal, Pierre Henry, Oona Appelt, Luca Gasperini**
 The tephra record from the Sea of Marmara for the last ca. 70 ka and its palaeoceanographic implications
Marine Geology, Volume 361, 1 March 2015, Pages 96-110 [\[Link\]](#)
- SR-15-11 Françoise Gasse, Laurence Vidal, Elise Van Campo, François Demory, Anne-Lise Develle, Kazuyo Tachikawa, Ata Elias, Edouard Bard, Marta Garcia, Corinne Sonzogni, Nicolas Thouveny**
 Hydroclimatic changes in northern Levant over the past 400,000 years
Quaternary Science Reviews, Volume 111, 1 March 2015, Pages 1-8 [\[Link\]](#)
- SR-15-12 Torgeir O. Røthe, Jostein Bakke, Kristian Vasskog, Marthe Gjerde, William J. D'Andrea, Raymond S. Bradley**
 Arctic Holocene glacier fluctuations reconstructed from lake sediments at Mitrahelvøya, Spitsbergen
Quaternary Science Reviews, Volume 109, 1 February 2015, Pages 111-125 [\[Link\]](#)
- SR-15-13 Lailah Gifty Akita, Peter Frenzel, Torsten Haberzettl, Thomas Kasper, Junbo Wang, Klaus Reicherter**
 Ostracoda (Crustacea) as indicators of subaqueous mass movements: An example from the large brackish lake Tangra Yumco on the southern Tibetan Plateau, China
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 419, 1 February 2015, Pages 60-74 [\[Link\]](#)
- SR-15-14 Sakonvan Chawchai, Akkaneewut Chabangborn, Sherilyn Fritz, Minna Väiliranta, Carl-Magnus Mörrth, Maarten Blaauw, Paula J. Reimer, Paul J. Krusic, Ludvig Löwemark, Barbara Wohlfarth**
 Hydroclimatic shifts in northeast Thailand during the last two millennia – the record of Lake Pa Kho
Quaternary Science Reviews, Volume 111, 1 March 2015, Pages 62-71 [\[Link\]](#)
- SR-15-15 James R. Hein, Francesca Spinardi, Nobuyuki Okamoto, Kira Mizell, Darryl Thorburn, Akuila Tawake**
 Critical metals in manganese nodules from the Cook Islands EEZ, abundances and distributions
Ore Geology Reviews, Volume 68, July 2015, Pages 97-116 [\[Link\]](#)
- SR-15-16 Laurence Nuttin, Claude Hillaire-Marcel**
 U- and Th-series isotopes in deep Baffin Bay sediments: Tracers of detrital sources and of contrasted glacial/interglacial sedimentary processes
Marine Geology, Volume 361, 1 March 2015, Pages 1-10 [\[Link\]](#)

- SR-15-17** **Élise Doyen, Boris Vanni re, Damien Rius, Carole B geot, Laurent Millet**
Climate and biomass control on fire activity during the late-glacial/early-Holocene transition in temperate ecosystems of the upper Rhone valley (France)
Quaternary Research, Volume 83, Issue 1, January 2015, Pages 94-104 [\[Link\]](#)
- SR-15-18** **Matt Grove, Henry Lamb, Helen Roberts, Sarah Davies, Mike Marshall, Richard Bates, Dei Huws**
Climatic variability, plasticity, and dispersal: A case study from Lake Tana, Ethiopia
Journal of Human Evolution, Volume 87, October 2015, Pages 32-47 [\[Link\]](#)
- SR-15-19** **K.M. Costa, J.M. Russell, H. Vogel, S. Bijaksana**
Hydrological connectivity and mixing of Lake Towuti, Indonesia in response to paleoclimatic changes over the last 60,000 years
Palaeogeography, Palaeoclimatology, Palaeoecology 417 (2015) 467-475 [\[Link\]](#)
- SR-15-20** **David S. Cronana, Guy Rothwell, Ian Croudace**
An ITRAX Geochemical Study of Ferromanganiferous Sediments from the Penrhyn Basin, South Pacific Ocean
Marine Georesources & Geotechnology, Volume 28, Issue 3, 2010 [\[Link\]](#)
- SR-15-21** **Lesleigh Anderson, Andrea Brunelle, Robert S Thompson**
A multi-proxy record of hydroclimate, vegetation, fire, and post-settlement impacts for a subalpine plateau, central Rocky Mountains, U.S.A
The Holocene March 16, 2015 [\[Link\]](#)
- SR-15-22** **Ludvig L wemark, Tzu-Tung Chen, Bj rn Gunnarson, Chih-Chieh Su, Tien-Nan Yang, Jyh-Jaan Huang, Yung-Hsiang Lan, George Burr**
The Tienchi Pond on Lanyu Island (Western Pacific): Lake formation and potential as environmental archive
Volume 114, Part 3, 15 December 2015, Pages 435-446 [\[Link\]](#)
- SR-15-23** **Braden R.B. Gregory, Matthew Peros, Eduard G. Reinhardt, Jeffrey P. Donnelly**
Middle-late Holocene Caribbean aridity inferred from foraminifera and elemental data in sediment cores from two Cuban lagoons
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 426, 15 May 2015, Pages 229-241 [\[Link\]](#)
- SR-15-24** **Jo Brendryen, Hafliði Hafliðason, Leif Rise, Shyam Chand, Maarten Vanneste, Oddvar Longva, Jean S bastien L'Heureux, Carl Fredrik Forsberg**
Ice sheet dynamics on the Lofoten-Vester len shelf, north Norway, from Late MIS-3 to Heinrich Stadial 1
Quaternary Science Reviews, Volume 119, 1 July 2015, Pages 136-156 [\[Link\]](#)
- SR-15-25** **Hella E. Wittmeier, Jostein Bakke, Kristian Vasskog, Mathias Trachsel**
Reconstructing Holocene glacier activity at Langfjordj kelen, Arctic Norway, using multi-proxy fingerprinting of distal glacier-fed lake sediments
Quaternary Science Reviews, Volume 114, 15 April 2015, Pages 78-99 [\[Link\]](#)
- SR-15-26** **Ingrid L. Hendy, Tiffany J. Napier, Arndt Schimmelmann**
From extreme rainfall to drought: 250 years of annually resolved sediment deposition in Santa Barbara Basin, California
Quaternary International, Available online 27 February 2015 [\[Link\]](#)
- SR-15-27** **Martin Finn , Malin Kylander, Meighan Boyd, Hanna S. Sundqvist, Ludvig L wemark**
Can XRF scanning of speleothems be used as a non-destructive method to identify paleoflood events in caves?
International Journal of Speleology, 44 (1), 17-23. January 2015 [\[Link\]](#)
- SR-15-28** **K. Schittek, M. Forbriger, B. M chtle, F. Sch bitz, V. Wennrich, M. Reindel, B. Eitel**
Holocene environmental changes in the highlands of the southern Peruvian Andes (14  S) and their impact on pre-Columbian cultures
Clim. Past, 11, 27-44, 2015 [\[Link\]](#)
- SR-15-29** **Anna P dziszewska, Wojciech Tylmann, Ma gorzata Witak, Natalia Piotrowska, Emilia Maciejewska, Ma gorzata Lata owa**
Holocene environmental changes reflected by pollen, diatoms, and geochemistry of annually laminated sediments of Lake Suminko in the Kashubian Lake District (N Poland)
Review of Palaeobotany and Palynology, Volume 216, May 2015, Pages 55-75 [\[Link\]](#)
- SR-15-30** **M.S. Finkenbinder, M.B. Abbott, B.P. Finney, J.S. Stoner, J.M. Dorfman**
A multi-proxy reconstruction of environmental change spanning the last 37,000 years from Burial Lake, Arctic Alaska
Quaternary Science Reviews, Volume 126, 15 October 2015, Pages 227-241 [\[Link\]](#)
- SR-15-31** **Ren  Dommain, Alexander R. Cobb, Hans Joosten, Paul H. Glaser, Amy F.L. Chua, Laure Gandois, Fuu-Ming Kai, Anders Noren, Kamariah A. Salim, N. Saliyah H. Su'ut, Charles F. Harvey**
Forest dynamics and tip-up pools drive pulses of high carbon accumulation rates in a tropical peat dome in Borneo (Southeast Asia)
Journal of Geophysical Research, Biogeosciences, Volume 120, Issue 4, April 2015, Pages 617-640 [\[Link\]](#)
- SR-15-32** **Jeffrey P. Donnelly, Andrea D. Hawkes, Philip Lane, Dana MacDonald, Bryan N. Shuman, Michael R. Toomey, Peter J. van Hengstum Jonathan D. Woodruff**
Climate forcing of unprecedented intense-hurricane activity in the last 2000 years
Earth's Future, Volume 3, Issue 2, pages 49-65, February 2015 [\[Link\]](#)

- SR-15-33 Xufeng Zheng郑旭峰, Anchun Li李安春, Shiming Wan万世明, Fuqing Jiang蒋富清, Xueming Yin尹学明, Jian Lu卢健**
Formation of the modern current system in the East China Sea since the early Holocene and its relationship with sea level and the monsoon system
Chinese Journal of Oceanology and Limnology, March 2015 [\[Link\]](#)
- SR-15-34 Lorita N. Mihindukulasooriya, Joseph D. Ortiz, David P. Pompeani, Byron A. Steinman, Mark B. Abbott**
Reconstruction of late Quaternary paleohydrologic conditions in southeastern British Columbia using visible derivative spectroscopy of Cleland Lake sediment
Quaternary Research, Volume 83, Issue 3, May 2015, Pages 531–544 [\[Link\]](#)
- SR-15-35 I. Rodríguez-Germade, B. Rubio, D. Rey, J. Borrego**
Detection and Monitoring of REEs and Related Trace Elements with an Itrax™ Core Scanner in the Ría de Huelva (SW Spain)
Water, Air, & Soil Pollution
May 2015, 226:137 [\[Link\]](#)
- SR-15-36 Heidi A. Roop, Richard Levy, Gavin B. Dunbar, Marcus J. Vandergoes, Jamie Howarth, Sean Fitzsimons, Heung Soo Moon, Christian Zammit, Robert Ditchburn and 2 more**
A hydroclimate-proxy model based on sedimentary facies in an annually laminated sequence from Lake Ohau, South Island, New Zealand
Journal of Paleolimnology, January 2016, Volume 55, Issue 1, pp 1-16 [\[Link\]](#)
- SR-15-37 Emre Damcı, M. Namık Çağatay**
An automated algorithm for dating annually laminated sediments using X-ray radiographic images, with applications to Lake Van (Turkey), Lake Nautajarvi (Finland) and Byfjorden (Sweden)
Quaternary International, Available online 30 May 2015 [\[Link\]](#)
- SR-15-38 Yun Guo, Liping Zhu, Peter Frenzel, Qingfeng Ma, Jianting Ju, Ping Peng, Junbo Wang, Gerhard Dau**
Holocene lake level fluctuations and environmental changes at Taro Co, southwestern Tibet, based on ostracod-inferred water depth reconstruction
The Holocene January 2016 vol. 26 no. 1 29-43 [\[Link\]](#)
- SR-15-39 B. Giaccio, E. Regattieri, G. Zanchetta, B. Wagner, P. Galli, G. Mannella, E. Niespolo, E. Peronace, P. R. Renne, S. Nomade, G. P. Cavinato, P. Messina, A. Sposato, C. Boschi, F. Florindo, F. Marra, L. Sadori**
A key continental archive for the last 2 Ma of climatic history of the central Mediterranean region: A pilot drilling in the Fucino Basin, central Italy
Sci. Dril., 20, 13–19, 2015 [\[Link\]](#)
- SR-15-40 Ludvig Löwemark, Weng-Si Chao, Richard Gyllencreutz, Till J.J. Hanebuth, Pin-Yao Chiu, Tien-Nan Yang, Chih-Chieh Su, Chih-Kai Chuang, Dora Carolina León Dominguez, Martin Jakobsson**
Variations in glacial and interglacial marine conditions over the last two glacial cycles off northern Greenland
Quaternary Science Reviews, Available online 31 October 2015 [\[Link\]](#)
- SR-15-41 Hong-Chun Li, Min Zhao, Chia-Hsin Tsai, Horng-Sheng Mii, Queenie Chang, Kuo-Yen Wei**
The first high-resolution stalagmite record from Taiwan: Climate and environmental changes during the past 1300 years
Journal of Asian Earth Sciences, Volume 114, Part 3, 15 December 2015, Pages 574–587 [\[Link\]](#)
- SR-15-42 K Tachikawa, Ludovic-Alexandre Vidal, M Cornuault, M Garcia, A Pothin, C Sonzogni, E Bard, G Menot, M Revel**
Eastern Mediterranean Sea circulation inferred from the conditions of S1 sapropel deposition
Clim. Past, 11, 855–867, 2015 [\[Link\]](#)
- SR-15-43 Francke, A.; Wagner, B.; Just, J.; Leicher, N.; Gromig, R.; Baumgarten, H.; Vogel, H.; Lacey, J.H.; Sadori, L.; Wonik, T.; Leng, M.J.; Zanchetta, G.; Sulpizio, R.; Giaccio, B.**
Sedimentological processes and environmental variability at Lake Ohrid (Macedonia, Albania) between 640 ka and present day
Biogeosciences Discussions, 12 (17). 15111-15156 [\[Link\]](#)
- SR-15-44 P.M. Abbott, A.J. Bournea, C.S. Purcell, S.M. Davies, J.D. Scourse, N.J.G. Pearce**
Last glacial period cryptotephra deposits in an eastern North Atlantic marine sequence: Exploring linkages to the Greenland ice-cores
Quaternary Geochronology, Volume 31, February 2016, Pages 62–76 [\[Link\]](#)

REFEREED (SEDIMENTS) 2015 - 2

- SR-15-45 Ulaş Avşar, Aurélia Hubert-Ferrari, Marc De Batist, Sabine Schmidt, Nathalie Fagel**
Sedimentary records of past earthquakes in Boraboy Lake during the last ca 600 years (North Anatolian Fault, Turkey)
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 433, 1 September 2015, Pages 1–9 [\[Link\]](#)
- SR-15-46 Zhenjie Zhang, Renguang Zuo, Qiuming Cheng**
Geological Features and Formation Processes of the Makeng Fe Deposit, China
Resource Geology, Volume 65, Issue 3, pages 266–284, July 2015 [\[Link\]](#)
- SR-15-47 Andrew B.H. Rees, Les C. Cwynar, Michael-Shawn Fletcher**
Southern Westerly Winds submit to the ENSO regime: A multiproxy paleohydrology record from Lake Dobson, Tasmania
Quaternary Science Reviews, Volume 126, 15 October 2015, Pages 254–263 [\[Link\]](#)
- SR-15-48 Katarina David, Wendy Timms, Andy Baker**
Direct stable isotope porewater equilibration and identification of groundwater processes in heterogeneous sedimentary rock
Science of The Total Environment, Volume 538, 15 December 2015, Pages 1010–1023 [\[Link\]](#)
- SR-15-49 Fernando Barreiro-Lostres, Erik Brown, Ana Moreno, Mario Morellón, Mark Abbott, Aubrey Hillman, Santiago Giralt, Blas Valero-Garcés**
Sediment delivery and lake dynamics in a Mediterranean mountain watershed: Human-climate interactions during the last millennium (El Tobar Lake record, Iberian Range, Spain)
Science of The Total Environment, Volume 533, 15 November 2015, Pages 506–519 [\[Link\]](#)
- SR-15-50 Margit H. Simon, Martin Ziegler, Joyce Bosmans, Stephen Barker, Chris J.C. Reason, Ian R. Hall**
Eastern South African hydroclimate over the past 270,000 years
Sci Rep. 2015; 5: 18153. [\[Link\]](#)
- SR-15-51 Paula A. Rodríguez-Zorro, Dirk Enters, Barbara Hermanowski, Marcondes Lima da Costa, Hermann Behling**
Vegetation changes and human impact inferred from an oxbow lake in southwestern Amazonia, Brazil since the 19th century
Journal of South American Earth Sciences, Volume 62, October 2015, Pages 186–194 [\[Link\]](#)
- SR-15-52 Michael-Shawn Fletcher, Alexa Benson, Hendrik Heijnis, Patricia S. Gadd, Les C. Cwynar, Andrew B.H. Rees**
Changes in biomass burning mark the onset of an ENSO-influenced climate regime at 42°S in southwest Tasmania, Australia
Quaternary Science Reviews, Volume 122, 15 August 2015, Pages 222–232 [\[Link\]](#)
- SR-15-53 J.J. O'Sullivan, G. Lupakisyo Mwalwiba, P.J. Purcell, J.N. Turner, F. Mtalo**
Assessing sediment and water quality issues in expanding African wetlands: the case of the Mara River, Tanzania
International Journal of Environmental Studies, Volume 73, Issue 1, 2016 [\[Link\]](#)
- SR-15-54 C. Pearce, J. T. Andrews, I. Bouloubassi, C. Hillaire-Marcel, A. E. Jennings, J. Olsen, A. Kuijpers, M.-S. Seidenkrantz**
Heinrich 0 on the east Canadian margin: Source, distribution, and timing
Paleoceanography Volume 30, Issue 12, December 2015, Pages 1613–1624 [\[Link\]](#)
- SR-15-55 Bjørn Christian Kvisvik, Øyvind Paasche, Svein Olaf Dahl**
Holocene cirque glacier activity in Rondane, southern Norway
Geomorphology, Volume 246, 1 October 2015, Pages 433–444 [\[Link\]](#)
- SR-15-56 Matthew D. Jones, Sarah E. Metcalfe, Sarah J. Davies, Anders Noren**
Late Holocene climate reorganisation and the North American Monsoon
Quaternary Science Reviews, Volume 124, 15 September 2015, Pages 290–295 [\[Link\]](#)
- SR-15-57 Kota Katsuki, Dong-Yoon Yang, Koji Seto, Moriaki Yasuhara, Hiroyuki Takata, Masashi Otsuka, Toshimichi Nakanishi, Yoonyeol Yoon, In-Kwon Um and 3 more**
Factors controlling typhoons and storm rain on the Korean Peninsula during the Little Ice Age
Journal of Paleolimnology, January 2016, Volume 55, Issue 1, pp 35-48 [\[Link\]](#)
- SR-15-58 Conny Lenz, Tom Jilbert, Daniel J. Conley, Caroline P. Slomp**
Hypoxia-driven variations in iron and manganese shuttling in the Baltic Sea over the past 8 kyr
Geochemistry, Geophysics, Geosystems, Volume 16, Issue 10, October 2015, Pages 3754–3766 [\[Link\]](#)
- SR-15-59 Karin F. Helmen, J. Sakari Salonen, Anna Pliikk, Stefan Engels, Minna Väiliranta, Malin Kylander, Jo Brendryen, Hans Renssen**
Major cooling intersecting peak Eemian Interglacial warmth in northern Europe
Quaternary Science Reviews, Volume 122, 15 August 2015, Pages 293–299 [\[Link\]](#)
- SR-15-60 Timothy L. Cook, Brian C. Yellen, Jonathon D. Woodruff, Daniel Miller**
Contrasting human versus climatic impacts on erosion
Geophysical Research Letters, Volume 42, Issue 16, 28 August 2015, Pages 6680–6687 [\[Link\]](#)
- SR-15-61 Jang-Jun Bahk, In-Kwon Um, Bo-Yeon Yi, Dong-Geun Yoo**
Paleoceanographic implications and cyclostratigraphy of variations in well-log data from the western slope of the Ulleung Basin, East Sea
Quaternary International, Available online 2 September 2015 [\[Link\]](#)

- SR-15-62 Jesse L. Morris, Kendra K. McLauchlan, Philip E. Higuera**
Sensitivity and complacency of sedimentary biogeochemical records to climate-mediated forest disturbances
Earth-Science Reviews, Volume 148, September 2015, Pages 121–133 [\[Link\]](#)
- SR-15-63 Scott A. Mensing, Irene Tunno, Leonardo Sagnotti, Fabio Florindo, Paula Noble, Claire Archer, Susan Zimmerman, Francisco Javier Pavón-Carrasco, Gabriele Cifani, Susanna Passigli, Gianluca Piovesan**
2700 years of Mediterranean environmental change in central Italy: a synthesis of sedimentary and cultural records to interpret past impacts of climate on society
Quaternary Science Reviews, Volume 116, 15 May 2015, Pages 72–94 [\[Link\]](#)
- SR-15-64 Hendrik Vogel, James M. Russell, Sri Yudawati Cahyarini, Satria Bijaksana, Nigel Wattrus, Janet Rethemeyer, Martin Melles**
Depositional modes and lake-level variability at Lake Towuti, Indonesia, during the past ~29 kyr BP
Journal of Paleolimnology, December 2015, Volume 54, Issue 4, pp 359-377 [\[Link\]](#)
- SR-15-65 Michael J. Burn, Suzanne E. Palmer**
Atlantic hurricane activity during the last millennium
Nature, Scientific Reports 5, Article number: 12838 (2015) [\[Link\]](#)
- SR-15-66 N. Leicher, G. Zanchetta, R. Sulpizio, B. Giaccio, B. Wagner, S. Nomade, A. Francke P. Del Carlo**
First tephrostratigraphic results of the DEEP site record from Lake Ohrid, Macedonia
Biogeosciences Discuss., 12, 15411–15460, 2015 [\[Link\]](#)
- SR-15-67 Graeme T. Swindles, Elizabeth Watson, T. Edward Turner, Jennifer M. Galloway, Thomas Hadlari, Jane Wheeler, Karen L. Bacon**
Spheroidal carbonaceous particles are a defining stratigraphic marker for the Anthropocene
Nature, Scientific Reports 5, Article number: 10264 (2015) [\[Link\]](#)
- SR-15-68 Kelly Ann Ross, Martin Schmid, Sandra Ogorka, Fabrice A. Muvundja, Flavio S. Anselmetti**
The history of subaquatic volcanism recorded in the sediments of Lake Kivu; East Africa
Journal of Paleolimnology, June 2015, Volume 54, Issue 1, pp 137-152 [\[Link\]](#)
- SR-15-69 Paula J. Noble, G.Ian Ball, Susan H. Zimmerman, Jillian Maloney, Shane B. Smith, Graham Kent, Kenneth D. Adams, Robert E. Karlin, Neal Driscoll**
Holocene paleoclimate history of Fallen Leaf Lake, CA., from geochemistry and sedimentology of well-dated sediment cores
Quaternary Science Reviews, Volume 131, Part A, 1 January 2016, Pages 193–210 [\[Link\]](#)
- SR-15-70 Henrik Swärd, Matt O'Regan, Linda Ampel, Roman Ananyev, Denis Chernykh, Tom Floden, Sarah L. Greenwood, Malin E. Kylander, Carl Magnus Mörth, Pedro Preto, Martin Jakobsson**
Regional deglaciation and postglacial lake development as reflected in a 74 m sedimentary record from Lake Vättern, southern Sweden
GFF ISSN: 1103-5897 (Print) 2000-0863 [\[Link\]](#)
- SR-15-71 Alicja BONK, Wojciech TYLMANN, Benjamin AMANN, Dirk ENTERS, Martin GROSJEAN**
Modern limnology and varve-formation processes in Lake Żabińskie, northeastern Poland: comprehensive process studies as a key to understand the sediment record
J. Limnol., 2015; 74(2): 358-370 [\[Link\]](#)
- SR-15-72 Christina M Sheldon, Marit-Solveig Seidenkrantz, Christof Pearce, Antoon Kuijpers, Mette J Hansen, Eva Zilmer Christensen**
Holocene oceanographic changes in SW Labrador Sea, off Newfoundland
The Holocene February 2016 vol. 26 no. 2 274-289 [\[Link\]](#)
- SR-15-73 L. C. ORME, S. J. DAVIES, G. A. T. DULLER**
Reconstructed centennial variability of Late Holocene storminess from Cors Fochno, Wales, UK
Journal of Quaternary Science, Volume 30, Issue 5, pages 478–488, July 2015 [\[Link\]](#)
- SR-15-74 Jaesoo Lim, Dong-Yoon Yang, Jin-Young Lee, Sei-Sun Hong, In Kwon Um**
Middle Holocene environmental change in central Korea and its linkage to summer and winter monsoon changes
Quaternary Research, Volume 84, Issue 1, July 2015, Pages 37–45 [\[Link\]](#)
- SR-15-75 Özlem Makaroğlu, M. Namık Çağatay, Naci Orbay, Lauri J. Pesonen**
The radiocarbon reservoir age of Lake Van, eastern Turkey
Quaternary International, Available online 28 November 2015 [\[Link\]](#)
- SR-15-76 K. Schitteck, S. T. Kock, A. Lücke, C. Ohlendorf, J. J. Kulemeyer, L. C. Lupo, F. Schäbitz**
Environmental and climatic history in the NW Argentine Andes (24° S) over the last 2100 years inferred from a high-altitude peatland record
Clim. Past Discuss., 11, 2037–2076, 2015 [\[Link\]](#)
- SR-15-77 Rémi Lehu, Serge Lallemand, Shu-Kun Hsu, Nathalie Babonneau, Gueorgui Ratzov, Andrew T. Lin, Laurent Dezileau**
Deep-sea sedimentation offshore eastern Taiwan: Facies and processes characterization
Marine Geology, Volume 369, 1 November 2015, Pages 1–18 [\[Link\]](#)

- SR-15-78 Johannes Kalbe, Steffen Mischke, Peter Dulski, Gonen Sharon**
The Middle Palaeolithic Nahal Mahanayeem Outlet site, Israel: reconstructing the environment of Late Pleistocene wetlands in the eastern Mediterranean from ostracods
Journal of Archaeological Science, Volume 54, February 2015, Pages 385–395 [\[Link\]](#)
- SR-15-79 Molly C. McCanta, Robert G. Hatfield, Bradley J. Thomson, Simon J. Hook, Elizabeth Fisher**
Identifying cryptotephra units using correlated rapid, nondestructive methods: VSWIR spectroscopy, X-ray fluorescence, and magnetic susceptibility
Geochemistry, Geophysics, Geosystems, Volume 16, Issue 12, December 2015, Pages 4029–4056 [\[Link\]](#)
- SR-15-80 Francesco Muschitiello, James M. Lea, Sarah L. Greenwood, Faezeh M. Nick, Lars Brunnberg, Alison MacLeod, Barbara Wohlfarth**
Timing of the first drainage of the Baltic Ice Lake synchronous with the onset of Greenland Stadial 1
Boreas, Early View (Online Version of Record published before inclusion in an issue) [\[Link\]](#)
- SR-15-81 Kristina Wutke, Sabine Wulf, Emma L. Tomlinson, Mark Hardiman, Peter Dulski, Jürg Luterbacher, Achim Brauer**
Geochemical properties and environmental impacts of seven Campanian tephra layers deposited between 40 and 38 ka BP in the varved lake sediments of Lago Grande di Monticchio, southern Italy
Quaternary Science Reviews, Volume 118, 15 June 2015, Pages 67–83 [\[Link\]](#)
- SR-15-82 Jason D. Chaytor, Uri S. ten Brink**
Event sedimentation in low-latitude deep-water carbonate basins, Anegada passage, northeast Caribbean
Basin Research Volume 27, Issue 3, June 2015, Pages 310–335 [\[Link\]](#)
- SR-15-83 Nathalie Van der Putten, Cyriel Verbruggen, Svante Björck, Elisabeth Michel, Jean-Robert Disnar, Emmanuel Chapron, Bertrand N. Moine, Jacques-Louis de Beaulieu**
The Last Termination in the South Indian Ocean: A unique terrestrial record from Kerguelen Islands (49°S) situated within the Southern Hemisphere westerly belt
Quaternary Science Reviews Volume 122, 15 August 2015, Pages 142–157 [\[Link\]](#)
- SR-15-84 Liangcheng Tan, Yanjun Cai, Zhisheng An, Hai Cheng, Chuan-Chou Shen, Sebastian F. M. Breitenbach, Yongli Gao, R. Lawrence Edwards, Haiwei Zhang, Yajuan Du**
A Chinese cave links climate change, social impacts, and human adaptation over the last 500 years
Sci Rep. 2015; 5: 12284. [\[Link\]](#)
- SR-15-85 René Dommain, Alexander R. Cobb, Hans Joosten, Paul H. Glaser, Amy F. L. Chua, Laure Gandois, Fuu-Ming Kai, Anders Noren, Kamariah A. Salim, N. Salihah H. Su'ut, Charles F. Harvey**
Forest dynamics and tip-up pools drive pulses of high carbon accumulation rates in a tropical peat dome in Borneo (Southeast Asia)
Journal of Geophysical Research, Biogeosciences, Volume 120, Issue 4, April 2015, Pages 617–640 [\[Link\]](#)
- SR-15-86 Xin Wang王昕, Xuefa Shi石学法, Guoqing Wang王国庆, Shuqing Qiao乔淑卿, Kunshan Wang王昆山, Zhengquan Yao姚政权, Xuchen Wang王旭晨**
Late Quaternary sedimentary environmental evolution offshore of the Hangzhou Bay, East China—implications for sea level change and formation of Changjiang alongshore current
Chinese Journal of Oceanology and Limnology
May 2015, Volume 33, Issue 3, pp 748-763 [\[Link\]](#)
- SR-15-87 Serge Lallemand, Rémi Lehu, Fabien Rétif, Shu-Kun Hsu, Nathalie Babonneau, Gueorgui Ratzov, Maria-Angela Bassetti, Laurent Dezileau, Meng-Long Hsieh, Stéphane Dominguez**
A ~ 3000 years-old sequence of extreme events revealed by marine and shore deposits east of Taiwan
Tectonophysics, Available online 14 November 2015 [\[Link\]](#)
- SR-15-88 Can ZHANG, Aifeng ZHOU(), Xiaonan ZHANG, Duo WU, Shengtun HAO**
Identification of Paleoflood events by lacustrine archives and their links to climatic conditions
PROGRESS IN GEOGRAPHY 2015, Vol. 34 Issue (7) : 898-908 [\[Link\]](#)

REFEREED (SEDIMENTS) 2015 - 3

- SR-15-89 Justin S. Stroup, Meredith A. Kelly, Thomas V. Lowell, Colby A. Smith, Samuel A. Beal, Joshua D. Landis, Pedro M. Tapia**
Late Holocene fluctuations of Quelccaya Ice Cap, Peru, registered by nearby lake sediments
Journal of Quaternary Science, Volume 30, Issue 8, pages 830–840, November 2015 [\[Link\]](#)
- SR-15-90 JONATHAN N. TURNER, NAOMI HOLMES, STEPHEN R. DAVIS, MELANIE J. LENG, CATHERINE LANGDON, ROBERT G. SCAIFE**
A multiproxy (micro-XRF, pollen, chironomid and stable isotope) lake sediment record for the Lateglacial to Holocene transition from Thomastown Bog, Ireland
Journal of Quaternary Science, Volume 30, Issue 6, pages 514–528, August 2015 [\[Link\]](#)
- SR-15-91 Simon Matthias May, Dominik Brill, Max Engel, Anja Scheffers, Anna Pint, Stephan Opitz, Volker Wennrich, Peter Squire, Dieter Kelletat, Helmut Brückner**
Traces of historical tropical cyclones and tsunamis in the Ashburton Delta (north-west Australia)
Sedimentology, Volume 62, Issue 6, pages 1546–1572, October 2015 [\[Link\]](#)
- SR-15-92 MARIA ECILENE N.S. MENESES, MARCONDES L. COSTA, DIRK ENTERS, HERMANN BEHLING**
Environmental changes during the last millennium based on multi-proxy palaeoecological records in a savanna-forest mosaic from the northernmost Brazilian Amazon region
Anais da Academia Brasileira de Ciências (2015) 87(3): 1623-1651 [\[Link\]](#)
- SR-15-93 Andreas Kleeberg, Marielle Neyen, Uwe-Karsten Schkade, Thomas Kalettka, Gunnar Lischeid**
Sediment cores from kettle holes in NE Germany reveal recent impacts of agriculture
Environmental Science and Pollution Research, pp 1-16 [\[Link\]](#)
- SR-15-94 B. Wilhelm, H. Vogel, C. Crouzet, D. Etienne, F. S. Anselmetti**
Frequency and intensity of palaeofloods at the interface of Atlantic and Mediterranean climate domains
Clim. Past Discuss., 11, 4943–4984, 2015 [\[Link\]](#)
- SR-15-95 Willem G.M. van der Bilt, Jostein Bakke, Kristian Vasskog, William J. D'Andrea, Raymond S. Bradley, Sædis Ólafsdóttir**
Reconstruction of glacier variability from lake sediments reveals dynamic Holocene climate in Svalbard
Quaternary Science Reviews, Volume 126, 15 October 2015, Pages 201–218 [\[Link\]](#)
- SR-15-96 Ina Neugebauer, Achim Brauer, Markus J Schwab, Peter Dulski, Ute Frank, Elitsa Hadzhiivanova, Hiroyuki Kitagawa, Thomas Litt, Vera Schiebel, Nimer Taha, Nicolas D Waldmann, DSDDP Scientific Party**
Evidences for centennial dry periods at ~3300 and ~2800 cal. yr BP from micro-facies analyses of the Dead Sea sediments
The Holocene August 2015 vol. 25 no. 8 1358-1371 [\[Link\]](#)
- SR-15-97 Bernd Zolitschka, Pierre Francus, Antti E.K. Ojala, Arndt Schimmelmann**
Varves in lake sediments e a review
Quaternary Science Reviews 117 (2015) 1-41 [\[Link\]](#)
- SR-15-98 Saija Saarni, Timo Saarinen, Peter Dulski**
Between the North Atlantic Oscillation and the Siberian High: A 4000-year snow accumulation history inferred from varved lake sediments in Finland
The Holocene November 12, 2015 [\[Link\]](#)
- SR-15-99 Claudia Zimmermann, Guillaume Jouve, Reinhard Pienitz, Pierre Francus, Nora I. Maidana**
Late Glacial and Early Holocene cyclic changes in paleowind conditions and lake levels inferred from diatom assemblage shifts in Laguna Potrok Aike sediments (southern Patagonia, Argentina)
Palaeogeography, Palaeoclimatology, Palaeoecology 427 (2015) 20–31 [\[Link\]](#)
- SR-15-100 H. Baumgarten, T. Wonik, D. C. Tanner, A. Francke, B. Wagner, G. Zanchetta, R. Sulpizio, B. Giaccio, S. Nomade**
Age–depth model of the past 630 kyr for Lake Ohrid (FYROM/Albania) based on cyclostratigraphic analysis of downhole gamma ray data
Biogeosciences, 12, 7453–7465, 2015 [\[Link\]](#)
- SR-15-101 Helge W. Arz, Lyudmila S. Shumilovskikh, Antje Wegwerth, Dominik Fleitmann, Hermann Behling**
Environmental and Climate Dynamics During the Last Two Glacial Terminations and Interglacials in the Black Sea/Northern Anatolian Region
Integrated Analysis of Interglacial Climate Dynamics (INTERDYNAMIC), Part of the series SpringerBriefs in Earth System Sciences pp 121-126 [\[Link\]](#)
- SR-15-102 H. Baumgarten, T. Wonik, D. C. Tanner, A. Francke, B. Wagner, G. Zanchetta, R. Sulpizio, B. Giaccio, S. Nomade**
Age depth-model for the past 630 ka in Lake Ohrid (Macedonia/Albania) based on cyclostratigraphic analysis of downhole gamma ray data
Biogeosciences Discuss., 12, 7671–7703, 2015 [\[Link\]](#)
- SR-15-103 Tae Soo Chang, Dong-Geun Yoo**
Quaternary mud deposits on the Korean shelf—processes, facies, stratigraphy: an introduction and future challenges
Geo-Mar Lett (2015) 35:405–410 [\[Link\]](#)

SR-15-104 W.H.J. Toonen, T.G. Winkels, K.M. Cohen, M.A. Prins, H. Middelkoop

Lower Rhine historical flood magnitudes of the last 450 years reproduced from grain-size measurements of flood deposits using End Member Modelling
Catena 130 (2015) 69–81

[\[Link\]](#)**SR-15-b01 R. Guy Rothwell, Ian W. Croudace**

Micro-XRF Studies of Sediment Cores: A Perspective on Capability and Application in the Environmental Sciences
Developments in Paleoenvironmental Research, Volume 17 2015, 1-21

[\[Link\]](#)**SR-15-b02 R. Guy Rothwell, Ian W. Croudace**

Twenty Years of XRF Core Scanning Marine Sediments: What Do Geochemical Proxies Tell Us?
Developments in Paleoenvironmental Research, Volume 17 2015, 25-102

[\[Link\]](#)**SR-15-b03 Isabel Rodríguez-Germade, Belén Rubio, Daniel Rey, Federico Vilas**

Optimization of Itrax Core Scanner Measurement Conditions for Sediments from Submarine Mud Volcanoes
Developments in Paleoenvironmental Research, Volume 17 2015, 103-126

[\[Link\]](#)**SR-15-b04 James E. Hunt, Ian W. Croudace, Suzanne E. MacLachlan**

Use of Calibrated ITRAX XRF Data in Determining Turbidite Geochemistry and Provenance in Agadir Basin, Northwest African Passive Margin

Developments in Paleoenvironmental Research, Volume 17 2015, 127-146

[\[Link\]](#)**SR-15-b05 Suzanne E. MacLachlan, James E. Hunt, Ian W. Croudace**

An Empirical Assessment of Variable Water Content and Grain-Size on X-Ray Fluorescence Core-Scanning Measurements of Deep Sea Sediments

Developments in Paleoenvironmental Research, Volume 17 2015, 173-185

[\[Link\]](#)**SR-15-b06 Sarah J. Davies, Henry F. Lamb, Stephen J. Roberts**

Micro-XRF Core Scanning in Palaeolimnology: Recent Developments

Developments in Paleoenvironmental Research, Volume 17 2015, 189-226

[\[Link\]](#)**SR-15-b07 Jonathan N. Turner, Anna F. Jones, Paul A. Brewer, Mark G. Macklin, Sara M. Rassner**

Micro-XRF Applications in Fluvial Sedimentary Environments of Britain and Ireland: Progress and Prospects

Developments in Paleoenvironmental Research, Volume 17 2015, 227-265

[\[Link\]](#)**SR-15-b08 Erik T. Brown**

Estimation of Biogenic Silica Concentrations Using Scanning XRF: Insights from Studies of Lake Malawi Sediments

Developments in Paleoenvironmental Research, Volume 17 2015, 267-277

[\[Link\]](#)**SR-15-b09 Stéphanie Cuven, Pierre Francus, Jean François Crémer, Francis Bérubé**

Optimization of Itrax Core Scanner Protocols for the Micro X-Ray Fluorescence Analysis of Finely Laminated Sediment: A Case Study of Lacustrine Varved Sediment from the High Arctic

Developments in Paleoenvironmental Research, Volume 17 2015, 279-303

[\[Link\]](#)**SR-15-b10 Nicholas L. Balascio, Pierre Francus, Raymond S. Bradley, Benjamin B. Schupack...**

Investigating the Use of Scanning X-Ray Fluorescence to Locate Cryptotephra in Minerogenic Lacustrine Sediment: Experimental Results

Developments in Paleoenvironmental Research, Volume 17 2015, 305-324

[\[Link\]](#)**SR-15-b11 ?? Peter Dulski, Achim Brauer, Clara Mangili**

Combined μ -XRF and Microfacies Techniques for Lake Sediment Analyses

Developments in Paleoenvironmental Research, Volume 17 2015, 325-349

[\[Link\]](#)**SR-15-b12 Christian Ohlendorf, Volker Wennrich, Dirk Enters**

Experiences with XRF-Scanning of Long Sediment Records

Developments in Paleoenvironmental Research, Volume 17 2015, 351-372

[\[Link\]](#)**SR-15-b13 John F. Boyle, Richard C. Chiverrell, Dan Schillereff**

Approaches to Water Content Correction and Calibration for μ XRF Core Scanning: Comparing X-ray Scattering with Simple Regression of Elemental Concentrations

Developments in Paleoenvironmental Research, Volume 17 2015, 373-390

[\[Link\]](#)**SR-15-b14 Ian W. Croudace, Elena Romano, Antonella Ausili, Luisa Bergamin, R. Guy Rothwell**

X-Ray Core Scanners as an Environmental Forensics Tool: A Case Study of Polluted Harbour Sediment (Augusta Bay, Sicily)

Developments in Paleoenvironmental Research, Volume 17 2015, 393-421

[\[Link\]](#)**SR-15-b15 Helen Miller, Ian W. Croudace, Jonathan M. Bull, Carol J. Cotterill, Justin K. Dix...**

Modern Pollution Signals in Sediments from Windermere, NW England, Determined by Micro-XRF and Lead Isotope Analysis

Developments in Paleoenvironmental Research, Volume 17 2015, 423-442

[\[Link\]](#)

- SR-15-b16 P. Gadd, H. Heijnis, C. Chagué-Goff, A. Zawadzki, D. Fierro, P. Atahan, Ian W. Croudace...**
ITRAX Core Scanner Capabilities Combined with Other Geochemical and Radiochemical Techniques to Evaluate Environmental Changes in a Local Catchment, South Sydney, NSW, Australia
Developments in Paleoenvironmental Research, Volume 17 2015, 443-455 [\[Link\]](#)
- SR-15-b17 Sébastien Bertrand, Konrad Hughen, Liviu Giosan**
Limited Influence of Sediment Grain Size on Elemental XRF Core Scanner Measurements
Developments in Paleoenvironmental Research, Volume 17 2015, 473-490 [\[Link\]](#)
- SR-15-b18 Pierre Francus, Kinuyo Kanamaru, David Fortin**
Standardization and Calibration of X-Radiographs Acquired with the ITRAX Core Scanner
Developments in Paleoenvironmental Research, Volume 17 2015, 491-505 [\[Link\]](#)
- SR-15-b19 G. J. Weltje, M. R. Bloemsa, R. Tjallingii, D. Heslop, U. Röhl, Ian W. Croudace**
Prediction of Geochemical Composition from XRF Core Scanner Data: A New Multivariate Approach Including Automatic Selection of Calibration Samples and Quantification of Uncertainties
Developments in Paleoenvironmental Research, Volume 17 2015, 507-534 [\[Link\]](#)
- SR-15-b20 Stuart Jarvis, Ian W. Croudace, R. Guy Rothwell**
Parameter Optimisation for the ITRAX Core Scanner
Developments in Paleoenvironmental Research, Volume 17 2015, 535-562 [\[Link\]](#)
- SR-15-b21 Daniel N. Schillereff, Richard C. Chiverrell, Ian W. Croudace, John F. Boyle**
An Inter-comparison of μ XRF Scanning Analytical Methods for Lake Sediments
Developments in Paleoenvironmental Research, Volume 17 2015, 583-600 [\[Link\]](#)
- SR-15-b22 Sarah J. Kelloway, Colin R. Ward, Christopher E. Marjo, Irene E. Wainwright...**
Analysis of Coal Cores Using Micro-XRF Scanning Techniques
Developments in Paleoenvironmental Research, Volume 17 2015, 601-612 [\[Link\]](#)
- SR-15-b23 Ian W. Croudace, R. Guy Rothwell**
ItraxPlot: An Intuitive Flexible Program for Rapidly Visualising Itrax Data
Developments in Paleoenvironmental Research, Volume 17 2015, 613-624 [\[Link\]](#)
- SR-15-b24 Ian W. Croudace, R. Guy Rothwell**
Future Developments and Innovations in High-Resolution Core Scanning
Developments in Paleoenvironmental Research, Volume 17 2015, 627-647 [\[Link\]](#)

REFEREED (SEDIMENTS) 2016

- SR-16-01 Kerstin Kuhn, Jeannet A. Meima, Dieter Rammlmair, Christian Ohlendorf**
Chemical mapping of mine waste drill cores with laser-induced breakdown spectroscopy (LIBS) and energy dispersive X-ray fluorescence (EDXRF) for mineral resource exploration
Journal of Geochemical Exploration, Volume 161, February 2016, Pages 72–84 [\[Link\]](#)
- SR-16-02 Huimin Liang, Xi Chen, Chengshan Wang, Dekun Zhao, Helmut Weissert**
Methane-derived authigenic carbonates of mid-Cretaceous age in southern Tibet: Types of carbonate concretions, carbon sources, and formation processes
Journal of Asian Earth Sciences, Volume 115, 1 January 2016, Pages 153–169 [\[Link\]](#)
- SR-16-03 Sakonvan Chawchai, Malin E. Kylander, Akkaneewut Chabangborn, Ludvig Löwemark, Barbara Wohlfarth**
Testing commonly used X-ray fluorescence core scanning-based proxies for organic-rich lake sediments and peat
Boreas, Volume 45, Issue 1, pages 180–189, January 2016 [\[Link\]](#)
- SR-16-04 Naomi Holmes, Peter G Langdon, Chris J Caseldine, Stefan Wastegård, Melanie J Leng, Ian W Croudace, Siwan M Davies**
Climatic variability during the last millennium in Western Iceland from lake sediment records
The Holocene January 6, 2016 [\[Link\]](#)
- SR-16-05 Brian Yellen, Jonathan D. Woodruff, Timothy L. Cook Robert M. Newton**
Historically unprecedented erosion from tropical storm Irene due to high antecedent precipitation
Earth Surface Processes and Landforms, Accepted Article (Accepted, unedited articles published online and citable. The final edited and typeset version of record will appear in future.) [\[Link\]](#)
- SR-16-06 Zongqi Duan, Qingsong Liu, Xuefa Shi, Zhengquan Yao, Jianxing Liu, Kai Su**
Reconstruction of high-resolution magnetostratigraphy of the Changjiang (Yangtze) River Delta, China
Geophys. J. Int. (February, 2016) 204 (2): 948-960 [\[Link\]](#)
- SR-16-07 Nadine Dräger, Achim Brauer, Brian Brademann, Rik Tjallingii, Michał Słowiński, Mirosław Błaszczewicz, Norbert Schlaak**
Spontaneous self-combustion of organic-rich lateglacial lake sediments after freeze-drying
Journal of Paleolimnology, February 2016, Volume 55, Issue 2, pp 185-194 [\[Link\]](#)
- SR-16-08 Joshua R. Allin, James E. Hunt, Peter J. Talling, Michael A. Clare, Ed Pope, Douglas G. Masson**
Different frequencies and triggers of canyon filling and flushing events in Nazaré Canyon, offshore Portugal
Marine Geology, Volume 371, 1 January 2016, Pages 89–105 [\[Link\]](#)
- SR-16-09 Lisa C Orme, Liam Reinhardt, Richard T Jones, Dan J Charman, Ian Croudace, Alastair Dawson, Michael Ellis, Andrew Barkwith**
Investigating the maximum resolution of μ XRF core scanners: A 1800 year storminess reconstruction from the Outer Hebrides, Scotland, UK
The Holocene February 2016 vol. 26 no. 2 235-247 [\[Link\]](#)
- SR-16-10 Anna Lintern, Paul J. Leahy, Atun Zawadzki, Patricia Gadd, Henk Heijnis, Geraldine Jacobsen, Simon Connor, Ana Deletic, David T. McCarthy**
Sediment cores as archives of historical changes in floodplain lake hydrology
Science of The Total Environment, Volume 544, 15 February 2016, Pages 1008–1019 [\[Link\]](#)
- SR-16-11 Julie L Commerford, Bérange Leys, Joshua R Mueller, Kendra K McLaughlan**
Great Plains vegetation dynamics in response to fire and climatic fluctuations during the Holocene at Fox Lake, Minnesota (USA)
The Holocene February 2016 vol. 26 no. 2 302-313 [\[Link\]](#)
- SR-16-12 Biljana Narancic, Reinhard Pienitz, Bernhard Chaplign, Hanno Meyer, Pierre Francus, Jean-Pierre Guilbault**
Postglacial environmental succession of Nettilling Lake (Baffin Island, Canadian Arctic) inferred from biogeochemical and microfossil proxies
Quaternary Science Reviews, Available online 21 January 2016 [\[Link\]](#)
- SR-16-13 Pål Ringkjøb Nielsen, Nicholas L Balascio, Svein Olaf Dahl, Henrik Løseth Jansen, Eivind WN Støren, Raymond S Bradley**
A high-resolution 1200-year lacustrine record of glacier and climate fluctuations in Lofoten, northern Norway
The Holocene January 12, 2016 [\[Link\]](#)
- SR-16-14 Marthe Gjerde, Jostein Bakke, Kristian Vasskog, Atle Nesje, Anne Hormes**
Holocene glacier variability and Neoglacial hydroclimate at Ålfotbreen, western Norway
Quaternary Science Reviews, Volume 133, 1 February 2016, Pages 28–47 [\[Link\]](#)
- SR-16-15 Neng-Ti Yu, Jiun-Yee Yen, Wen-Shan Chen, I-Chin Yen, Jin-Hsing Liu**
Geological records of western Pacific tsunamis in northern Taiwan: AD 1867 and earlier event deposits
Marine Geology, Volume 372, 1 February 2016, Pages 1–16 [\[Link\]](#)
- SR-16-16 Henrik Løseth Jansen, Joachim Riis Simonsen, Svein Olaf Dahl, Jostein Bakke, Pål Ringkjøb Nielsen**
Holocene glacier and climate fluctuations of the maritime ice cap Høgtuvbreen, northern Norway
The Holocene January 6, 2016 [\[Link\]](#)

- SR-16-17 Broxton W Bird, Yanbin Lei, Melanie Perello, Pratigya J Polissar, Tandong Yao, Bruce Finney, Daniel Bain, David Pompeani, Lonnie G Thompson**
Late-Holocene Indian summer monsoon, variability revealed from a 3300-year-long lake sediment record from Nir'pa Co, southeastern Tibet
The Holocene, 1–12, DOI: 10.1177/0959683616670220 [\[Link\]](#)
- SR-16-18 J. E. T. Channell, R. J. Harrison, I. Lascu, I. N. McCave, F. D. Hibbert, W. E. N. Austin**
Magnetic record of deglaciation using FORC-PCA, sortable-silt grain size, and magnetic excursion at 26 ka, from the Rockall Trough (NE Atlantic)
Geochemistry, Geophysics, Geosystems, Volume 17, Issue 5, May 2016, Pages 1823–1841 [\[Link\]](#)
- SR-16-19 Iván Hernández-Almeida, Martin Grosjean, Juan José Gómez-Navarro, Isabelle Larocque-Tobler, Alicja Bonk, Dirk Enters, Alicja Ustrzycka, Natalia Piotrowska, Rajmund Przybylak, Agnieszka Wacnik, Małgorzata Witak, Wojciech Tylmann**
Resilience, rapid transitions and regime shifts: Fingerprinting the responses of Lake Żabińskie (NE Poland) to climate variability and human disturbance since AD 1000
The Holocene, 1–13, DOI: 10.1177/0959683616658529 [\[Link\]](#)
- SR-16-20 Ulaş Avşar, Sigurjón Jónsson, Özgür Avşar, Sabine Schmidt**
Earthquake-induced soft-sediment deformations and seismically amplified erosion rates recorded in varved sediments of Köyceğiz Lake (SW Turkey)
Journal of Geophysical Research: Solid Earth, Volume 121, Issue 6, Version of Record online: 28 JUN 201 [\[Link\]](#)
- SR-16-21 Catherine Chagué-Goff, Witold Szczuciński, Tetsuya Shinozaki**
Applications of geochemistry in tsunami research: A review
Earth-Science Reviews, Available online 8 December 2016 [\[Link\]](#)
- SR-16-22 David Small, Vincent Rinterknecht, William E.N. Austin, Richard Bates, Douglas I. Benn, James D. Scourse, Didier L. Bourlès, ASTER Team, Fiona D. Hibbert**
Implications of ³⁶Cl exposure ages from Skye, northwest Scotland for the timing of ice stream deglaciation and deglacial ice dynamics
Quaternary Science Reviews, Volume 150, 15 October 2016, Pages 130–145 [\[Link\]](#)
- SR-16-23 Iliana Aguilar, Christian Beck, Franck Audemard, Anne-Lise Develle, Mohammed Boussafir, Corina Campos, Christian Cruzet**
Last millennium sedimentation in the Gulf of Cariaco (NE Venezuela): Evidence for morphological changes of gulf entrance and possible relations with large earthquakes
Comptes Rendus Geoscience, Volume 348, Issue 1, January 2016, Pages 70–79 [\[Link\]](#)
- SR-16-24 Anders Schomacker, Skafti Brynjólfsson, Julie M. Andreassen, Esther Ruth Gudmundsdóttir, Jesper Olsen, Bent V. Odgaard, Lena Håkansson, Ólafur Ingólfsson, Nicolaj K. Larsen**
The Drangajökull ice cap, northwest Iceland, persisted into the early-mid Holocene
Quaternary Science Reviews, Volume 148, 15 September 2016, Pages 68–84 [\[Link\]](#)
- SR-16-25 Byong-Jae Ryu**
Gas Hydrate Research and Development in Korea
New & Renewable Energy 2016. 9 Vol. 12, No. 3, [\[Link\]](#)
- SR-16-26 Jyh-Jaan Huang, Ludvig Löwemark, Queenie Chang, Tzu-Yu Lin, Huei-Fen Chen, Sheng-Rong Song, Kuo-Yen Wei**
Choosing optimal exposure times for XRF core-scanning: Suggestions based on the analysis of geological reference materials
Geochemistry, Geophysics, Geosystems—volcanology, geology and geophysics, Volume 17, Issue 10, October 2016 [\[Link\]](#)
- SR-16-27 S. J. Kermodé, H. Heijnis, H. Wong, A. Zawadzki, P. Gadd, A. Permana**
A Ramsar-wetland in suburbia: wetland management in an urbanised, industrialised area
Marine and Freshwater Research 67(6) 771-781 [\[Link\]](#)
- SR-16-28 Anderson Atholl, Stothert Karen, Martinsson-Wallin Helene, Wallin Paul, Flett Iona, Haberle Simon, Heijnis Henk, Rhodes Edward**
Reconsidering Precolumbian Human Colonization in the Galápagos Islands, Republic of Ecuador
Latin American Antiquity, Volume 27, Number 2, June 2016, pp. 169-183(15) [\[Link\]](#)
- SR-16-29 Aleksandra Zawalna-Geer, Jan M. Lindsay, Siwan Davies, Paul Augustinus, Sarah Davies**
Extracting a primary Holocene cryptoptephra record from Pupuke maar sediments, Auckland, New Zealand
Journal of Quaternary Science, Volume 31, Issue 5, July 2016, Pages 442–457 [\[Link\]](#)
- SR-16-30 T.O. Hodson, R.D. Powell, S.A. Brachfeld, S. Tulaczyk, R.P. Scherer, WISSARD Science Team,**
Physical processes in Subglacial Lake Whillans, West Antarctica: Inferences from sediment cores
Earth and Planetary Science Letters, Volume 444, 15 June 2016, Pages 56–63 [\[Link\]](#)
- SR-16-31 Christine M. Brandon, Jonathan D. Woodruff, Philip M. Orton, Jeffrey P. Donnelly**
Evidence for elevated coastal vulnerability following large-scale historical oyster bed harvesting
Earth Surface Processes and Landforms, Volume 41, Issue 8, 30 June 2016, Pages 1136–1143 [\[Link\]](#)

- SR-16-32 Lydia Mackenzie, Henk Heijnis, Patricia Gadd, Patrick Moss, James Shulmeister**
Geochemical investigation of the South Wellesley Island wetlands: Insight into wetland development during the Holocene in tropical northern Australia
The Holocene, 2016, DOI: 10.1177/0959683616670219 [\[Link\]](#)
- SR-16-33 Paula Álvarez-Iglesias, Isabel Rodríguez-Germade, Belén Rubio, Daniel Rey, Begoña Quintana, Jorge Millos**
Timing of lead sources and bioavailability in sediments from San Simón Bay (NW Spain): core scanners as complementary tools
XVIII Seminario Ibérico de Química Marina, Alicante (España), 20-22 Julio 2016, p9-11 [\[Link\]](#)
- SR-16-34 Hai Cheng Christoph Spötl, Sebastian F. M. Breitenbach, Ashish Sinha, Jasper A. Wassenburg, Klaus Peter Jochum, Denis Scholz, Xianglei Li, Liang Yi, Youbing Peng, Yanbin Lv, Pingzhong Zhang, Antonina Votintseva, Vadim Loginov, Youfeng Ning, Gayatri Kathayat, R. Lawrence Edwards**
Climate variations of Central Asia on orbital to millennial timescales
Sci Rep. 2016; 5: 36975. [\[Link\]](#)
- SR-16-35 Eivind W. N. Støren, Øyvind Paasche, Ann M. Hirt, Monika Kumari**
Magnetic and geochemical signatures of flood layers in a lake system
Geochemistry, Geophysics, Geosystems, Volume 17, Issue 10, October 2016, Pages 4236–4253 [\[Link\]](#)
- SR-16-36 Anne Beaudoin, Reinhard Pienitz, Pierre Francus, Christian Zdanowicz, Guillaume St-Onge**
Palaeoenvironmental history of the last six centuries in the Nettilling Lake area (Baffin Island, Canada): A multi-proxy analysis
The Holocene, 2016, Vol. 26(11) 1835–1846 [\[Link\]](#)
- SR-16-37 Volker Wennrich, Andrei A. Andreev, Pavel E. Tarasov, Grigory Fedorov, Wenwei Zhao, Catalina A. Gebhardt, Carsten Meyer-Jacob, Jeffrey A. Snyder, Norbert R. Nowaczyk, Georg Schwamborn, Bernhard Chaplign, Patricia M. Anderson, Anatoly V. Lozhkin, Pavel S. Minyuk, Christian Koeberl, Martin Melles**
Impact processes, permafrost dynamics, and climate and environmental variability in the terrestrial Arctic as inferred from the unique 3.6 Myr record of Lake El'gygytgyn, Far East Russia e A review
Quaternary Science Reviews 147 (2016) 221-244 [\[Link\]](#)
- SR-16-38 Shihao Liu, Peiyang Li, Aiping Feng, Jun Du, Wei Gao, Yuanqin Xu, Xiaoxiao Yu, Ping Li, Xueliang Nan**
Seismic and core investigation on the modern Yellow River Delta reveals the development of the uppermost fluvial deposits and the subsequent transgression system since the postglacial period
Journal of Asian Earth Sciences, Volume 128, 1 October 2016, Pages 158–180 [\[Link\]](#)
- SR-16-39 Jyh-Jaan Huang, Chih-An Huh, Kuo-Yen Wei, Ludvig Löwemark, Shu-Fen Lin, Wen-Hsuan Liao, Tien-Nan Yang, Sheng-Rong Song, Meng-Yang Lee, Chih-Chieh Su, Teh-Quei Lee**
Disentangling Natural and Anthropogenic Signals in Lacustrine Records: An Example from the Ilan Plain, NE Taiwan
Front. Earth Sci., 16 November 2016 [\[Link\]](#)
- SR-16-40 Ed L. Pope, Peter J. Talling, b, James E. Hunt, Julian A. Dowdeswell, Joshua R. Allin, Matthieu J.B. Cartigny, David Long, Alessandro Mozzato, Jennifer D. Stanford, David R. Tappin, Millie Watts**
Long-term record of Barents Sea Ice Sheet advance to the shelf edge from a 140,000 year record
Quaternary Science Reviews, Volume 150, 15 October 2016, Pages 55–66 [\[Link\]](#)
- SR-16-41 Allen P. Nutman, Vickie C. Bennett, Clark R. L. Friend, Martin J. Van Kranendonk, Allan R. Chivas**
Rapid emergence of life shown by discovery of 3,700-million-year-old microbial structures
Nature 537, 535–538 (22 September 2016) [\[Link\]](#)
- SR-16-42 Neil Roberts, Samantha L. Allcock, Fabien Arnaud, Jonathan R. Dean, Warren J. Eastwood, Matthew D. Jones, Melanie J. Leng, Sarah E. Metcalfe, Emmanuel Malet, Jessie Woodbridge, Hakan Yiğitbaşıoğlu**
A tale of two lakes: a multi-proxy comparison of Lateglacial and Holocene environmental change in Cappadocia, Turkey
Journal of Quaternary Science, Volume 31, Issue 4, May 2016, Pages 348–362 [\[Link\]](#)
- SR-16-43 Catherine Chagué-Goff, Jordan Chi Hang Chan, James Goff, Patricia Gadd**
Late Holocene record of environmental changes, cyclones and tsunamis in a coastal lake, Mangaia, Cook Islands
Island Arc, Volume 25, Issue 5, September 2016, Pages 333–349 [\[Link\]](#)
- SR-16-44 Sergio Contreras, Josef P. Werne, Erik T. Brown, R. Scott Anderson, Peter J. Fawcett**
A molecular isotope record of climate variability and vegetation response in southwestern North America during mid-Pleistocene glacial/interglacial cycles
Palaeogeography, Palaeoclimatology, Palaeoecology 459 (2016) 338–347 [\[Link\]](#)
- SR-16-45 Ulaş Avşar, Jónsson, Áslaug Geirsdóttir, Thor Thordarson**
A 2500 year paleoseismic record of the Húsavík-Flatey Fault inferred from the sediments of Botnsvatn Lake (North Iceland)
International Workshop on Earthquakes in North Iceland Húsavík, North Iceland, 31 May - 3 June 2016, p 21 [\[Link\]](#)
- SR-16-46 M.A. Burrows, H. Heijnis, P. Gadd, S.G. Haberle**
A new late Quaternary palaeohydrological record from the humid tropics of northeastern Australia
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 451, 1 June 2016, Pages 164–182 [\[Link\]](#)

- SR-16-47** Lyudmila S Shumilovskikh, Kristen Hopper, Morteza Djamali, Philippe Ponei, François Demory, Frauke Rostek, Kazuyo Tachikawa, Felix Bittmann, Alexandra Golyeva, Frédéric Guibal, Brigitte Talon, Liang-Chi Wang, Masoud Nezamabadi, Edouard Bard, Hamid Lahijani, Jebrael Nokandeh, Hamid Omrani Rekavandi, Jacques-Louis de Beaulieu, Eberhard Sauer, Valérie Andrieu-Ponel
Landscape evolution and agro-sylvo-pastoral activities on the Gorgan Plain (NE Iran) in the last 6000years
The Holocene, 2016, Vol. 26(10) 1676–1691 [\[Link\]](#)
- SR-16-48** Nadine Dräger, Martin Theuerkauf, Krystyna Szeroczyńska, Sabine Wulf, Rik Tjallingii, Birgit Plessen, Ulrike Kienel, Achim Brauer
Varve microfacies and varve preservation record of climate change and human impact for the last 6000years at Lake Tiefer See (NE Germany)
The Holocene, 2016, DOI: 10.1177/0959683616660173 [\[Link\]](#)
- SR-16-49** Antony J. Long, Natasha L. M. Barlow, Sue Dawson, Jon Hill, James B. Innes, Catherine Kelham, Fraser D. Milne, Alastair Dawson
Lateglacial and Holocene relative sea-level changes and first evidence for the Storegga tsunami in Sutherland, Scotland
Journal of Quaternary Science, Volume 31, Issue 3, April 2016, Pages 239–255 [\[Link\]](#)
- SR-16-50** Marta Szal, Mirosława Kupryjanowicz, Wojciech Tylmann, Natalia Piotrowska
Was it ‘terra desolata’? Conquering and colonizing the medieval Prussian wilderness in the context of climate change.
The Holocene, 2016, DOI: 10.1177/0959683616660167 [\[Link\]](#)
- SR-16-51** Anna Lintern, Paul J. Leahy, Henk Heijnis, Atun Zawadzki, Patricia Gadd, Geraldine Jacobsen, Ana Deletic, David T. Mccarthy
Identifying heavy metal levels in historical flood water deposits using sediment cores
Water Research, Volume 105, 15 November 2016, Pages 34–46 [\[Link\]](#)
- SR-16-52** Pål Ringkjøb Nielsen, Svein Olaf Dahl, Henrik Løseth Jansen, Eivind N. Støren
Holocene aeolian sedimentation and episodic mass-wasting events recorded in lacustrine sediments on Langøya in Vesterålen, northern Norway
Quaternary Science Reviews, Volume 148, 15 September 2016, Pages 146–162 [\[Link\]](#)
- SR-16-53** Xiaqing Wang, Zhangdong Jin, Liumei Chen, Jun Xiao, Fei Zhang
High-resolution X-ray fluorescence core scanning of landslide-dammed reservoir sediment sequences on the Chinese Loess Plateau: New insights into the formation and geochemical processes of annual freeze-thaw layers
Geoderma, Volume 279, 1 October 2016, Pages 122–131 [\[Link\]](#)
- SR-16-54** Pål Ringkjøb Nielsen, Svein Olaf Dahl, Henrik Løseth Jansen
Mid- to late Holocene aeolian activity recorded in a coastal dunefield and lacustrine sediments on Andøya, northern Norway
The Holocene, 2016, Vol. 26(9) 1486–1501 [\[Link\]](#)
- SR-16-55** Colin J. Courtney Mustaphi, Esther N. Githumbi, Lauren R. Shotter, Stephen M. Rucina, Rob Marchant
Subfossil statoblasts of *Lophopodella capensis* (Sollas, 1908) (Bryozoa, Phylactolaemata, Lophopodidae) in the Upper Pleistocene and Holocene sediments of a montane wetland, Eastern Mau Forest, Kenya
Africa Invertebrates 57(1): 39–52 (2016) [\[Link\]](#)
- SR-16-56** Melissa L. Chipman, George W. Kling, Craig C. Lundstrom, Feng Sheng Hu
Multiple thermo-erosional episodes during the past six millennia: Implications for the response of Arctic permafrost to climate change
Geology, v. 44 no. 6 p. 439-442 [\[Link\]](#)
- SR-16-57** 吴峰, 郭来源, 张道军, 解习农, 尤丽, 杜学斌, 何云龙, 商志垒, 许马光
基于高精度岩心扫描元素数据的高频层序划分: 以西科 1 井第四系生物礁滩体系为例
Geological Science and Technology Information, vol 35, no 5, sept, 2016 [\[Link\]](#)
- SR-16-58** Mikkel W. Pedersen, Anthony Ruter, Charles Schweger, Harvey Friebe, Richard A. Staff, Kristian K. Kjeldsen, Marie L. Z. Mendoza, Alwynne B. Beaudoin, Cynthia Zutter, Nicolaj K. Larsen, Ben A. Potter, Rasmus Nielsen, Rebecca A. Rainville, Ludovic Orlando, David J. Meltzer, Kurt H. Kjær, Eske Willerslev
Postglacial viability and colonization in North America’s ice-free corridor
Nature 537, 45–49 (01 September 2016) [\[Link\]](#)
- SR-16-59** Markus Czymzik, Stefan Dreibrodt, Ingo Feeser, Florian Adolphi, Achim Brauer
Mid-Holocene humid periods reconstructed from calcite varves of the Lake Woserin sediment record (north-eastern Germany)
The Holocene, 2016, Vol. 26(6) 935–946 [\[Link\]](#)
- SR-16-60** Lei Huang, Liping Zhu, Junbo Wang, Jianting Ju, Yong Wang, Jifeng Zhang, Ruimin Yang
Glacial activity reflected in a continuous lacustrine record since the early Holocene from the proglacial Laigu Lake on the southeastern Tibetan Plateau
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 456, 15 August 2016, Pages 37–45 [\[Link\]](#)
- SR-16-61** Niels Emil Sørensen, Bent Vad Odgaard, Anne Birgitte Nielsen, Jesper Olsen, Søren M. Kristiansen
Late Holocene landscape development around a Roman Iron Age mass grave, Alken Enge, Denmark
Vegetation History and Archaeobotany, pp 1–16 [\[Link\]](#)

- SR-16-62 Colin V. Murray-Wallace**
QSR editorial
Quaternary Science Reviews, Volume 142, 15 June 2016, Pages A1–A2 [\[Link\]](#)
- SR-16-63 Tommy Andersson, Otto Hermelin, Alasdair Skelton, Martin Jakobsson**
Bottom characterization of Lagoa das Furnas on São Miguel, Azores archipelago
Journal of Volcanology and Geothermal Research, Volume 321, 15 July 2016, Pages 196–207 [\[Link\]](#)
- SR-16-64 臺灣大學生物環境系統工程學研究所學位論文**
Monitoring Heavy Metal Ions in Water by Using Ion Exchange Resin Packs
DOI : 10.6342/NTU201600491 [\[Link\]](#)
- SR-16-65 Nicolaj K. Larsen, Jesper Find, Anders Kristensen, Anders A. Bjørk, Kristian K. Kjeldsen, Bent V. Odgaard, Jesper Olsen, Kurt H. Kjær**
Holocene ice marginal fluctuations of the Qassimiut lobe in South Greenland
Sci Rep. 2016; 6: 22362. [\[Link\]](#)
- SR-16-66 L Dezileau, R Lehu, S Lallemand, S-K Hsu**
Historical Reconstruction of Submarine Earthquakes Using ²¹⁰Pb, ¹³⁷Cs, and ²⁴¹Am Turbidite Chronology and Radiocarbon Reservoir Age Estimation off East Taiwan
Radiocarbon, 2016, p. 1–12 [\[Link\]](#)
- SR-16-67 Elise Doyen, David Etienne**
Ecological and human land-use indicator value of fungal spore morphotypes and assemblages
Vegetation History and Archaeobotany, pp 1–11, DOI 10.1007/s00334-016-0599-2 [\[Link\]](#)
- SR-16-68 E. Doyen, C. Bégeot, A. Simonneau, L. Millet, E. Chapron, F. Arnaud, B. Vannière**
Land use development and environmental responses since the Neolithic around Lake Paladru in the French Pre-alps
Journal of Archaeological Science: Reports, Volume 7, June 2016, Pages 48–59 [\[Link\]](#)
- SR-16-69 Lydia Mackenzie, Henk Heijnis, Patricia Gadd, Patrick Moss, James Shulmeister**
Frequency and intensity of palaeofloods at the interface of Atlantic and Mediterranean climate domains
The Holocene, DOI: 10.1177/0959683616670219 [\[Link\]](#)
- SR-16-70 Rebecca Elizabeth Smith, Jonathan James Tyler, Jessica Reeves, Simon Blockley, Geraldine Ellen Jacobsen**
First Holocene cryptotephra in mainland Australia reported from sediments at Lake Keilambete, Victoria, Australia
Quaternary Geochronology, Available online 18 August 2016 [\[Link\]](#)
- SR-16-71 Xiao Liu, Jie Liu, Xiuli Feng**
Study on the marine sedimentary environment evolution of the southern Laizhou Bay under the impact of port projects
Journal of Ocean University of China, June 2016, Volume 15, Issue 3, pp 553–560 [\[Link\]](#)
- SR-16-72 Christopher V. Maio, Jeffrey P. Donnelly, Richard Sullivan, Stephanie M. Madsen, Christopher R. Weidman, Allen M. Gontz, Vitalii A. Sheremet**
Sediment dynamics and hydrographic conditions during storm passage, Waquoit Bay, Massachusetts
Marine Geology, Volume 381, 1 November 2016, Pages 67–86 [\[Link\]](#)
- SR-16-73 K.M. Grant, R. Grimm, U. Mikolajewicz, G. Marino, M. Ziegler, E.J. Rohling**
The timing of Mediterranean sapropel deposition relative to insolation, sea-level and African monsoon changes
Quaternary Science Reviews, Volume 140, 15 May 2016, Pages 125–141 [\[Link\]](#)
- SR-16-74 Markus Czymzik, Florian Adolphi, Raimund Muscheler, Florian Mekhaldi, Celia Martin-Puertas, Ala Aldahan, Göran Possnert, Achim Brauer**
A varved lake sediment record of the ¹⁰Be solar activity proxy for the Lateglacial-Holocene transition
Quaternary Science Reviews, Volume 153, 1 December 2016, Pages 31–39 [\[Link\]](#)
- SR-16-75 Martin Klug, Ole Bennike, Bernd Wagner**
Late Pleistocene to early Holocene environmental changes on Store Koldewey, coastal north-east Greenland
Polar Research 2016, 35, 21912, http://dx.doi.org/10.3402/polar.v35.21912 [\[Link\]](#)
- SR-16-76 I. Neugebauer, M. J. Schwab, N. D. Waldmann, R. Tjallingii, U. Frank, E. Hadzhiivanova, R. Naumann, N. Taha, A. Agnon, Y. Enzel, A. Brauer**
Hydroclimatic variability in the Levant during the early last glacial (~ 117–75 ka) derived from micro-facies analyses of deep Dead Sea sediments
Clim. Past, 12, 75-90, 2016, http://www.clim-past.net/12/75/2016/ [\[Link\]](#)
- SR-16-77 Agnieszka Wacnik, Wojciech Tylmann, Alicja Bonk, Tomasz Goslar, Dirk Enters, Carsten Meyer-Jacob, Martin Grosjean**
Determining the responses of vegetation to natural processes and human impacts in north-eastern Poland during the last millennium: combined pollen, geochemical and historical data
Vegetation History and Archaeobotany, September 2016, Volume 25, Issue 5, pp 479–498 [\[Link\]](#)
- SR-16-78 Laurent Dezileau, Angel Pérez-Ruzafa, Philippe Blanchemanche, Jean-Philippe Degeai, Otmene Raji, Philippe Martinez, Concepcion Marcos, Ulrich Von Grafenstein**
Extreme storms during the last 6500 years from lagoonal sedimentary archives in the Mar Menor (SE Spain)
Clim. Past, 12, 1389-1400, 2016, http://www.clim-past.net/12/1389/2016/ [\[Link\]](#)

- SR-16-79 Patricia Roeser, Sven O. Franz, Thomas Litt**
 Aragonite and calcite preservation in sediments from Lake Iznik related to bottom lake oxygenation and water column depth
Sedimentology, Volume 63, Issue 7, December 2016, Pages 2253–2277 [\[Link\]](#)
- SR-16-80 Elisabeth Dietze, Michał Słowiński, Izabela Zawiska, Georg Veh, Achim Brauer**
 Multiple drivers of Holocene lake level changes at a lowland lake in northeastern Germany
Boreas, Volume 45, Issue 4, October 2016, Pages 828–845 [\[Link\]](#)
- SR-16-81 Ruchi Bhattacharya, Sonja Hausmann, J. Bradford Hubeny, Peter Gell, Jessica L. Black**
 Ecological response to hydrological variability and catchment development: Insights from a shallow oxbow lake in Lower Mississippi Valley, Arkansas
Science of The Total Environment, Volumes 569–570, 1 November 2016, Pages 1087–1097 [\[Link\]](#)
- SR-16-82 Jasmijn van't Hoff, Tabea Schröder, Peter Held, Stephan Opitz, Bernd Wagner, Klaus Reicherter, Martin Melles**
 Modern sedimentation processes in Laguna de Medina, southern Spain, derived from lake surface sediment and catchment soil samples
Journal of Limnology, DOI: http://dx.doi.org/10.4081/jlimnol.2016.1499 [\[Link\]](#)
- SR-16-83 Léo Chassiot, Emmanuel Chapron, Christian Di Giovanni, Patrick Lajeunesse, Kazuyo Tachikawa, Marta Garcia, Edouard Bard**
 Historical seismicity of the Mont Dore volcanic province (Auvergne, France) unraveled by a regional lacustrine investigation: New insights about lake sensitivity to earthquakes
Sedimentary Geology, Volume 339, 15 June 2016, Pages 134–150 [\[Link\]](#)
- SR-16-84 Quentin Simon, Nicolas Thouveny, Didier L. Bourlès, Laurence Nuttin, Claude Hillaire-Marcel, Guillaume St-Onge**
 Authigenic $^{10}\text{Be}/^{9}\text{Be}$ ratios and ^{10}Be -fluxes (^{230}Th -normalized) in central Baffin Bay sediments during the last glacial cycle: Paleoenvironmental implications
Quaternary Science Reviews, Volume 140, 15 May 2016, Pages 142–162 [\[Link\]](#)
- SR-16-85 Aleksandra Cvetkoska, Elena Jovanovska, Alexander Francke, Slavica Tofilovska, Hendrik Vogel, Zlatko Levkov, Timme H. Donders, Bernd Wagner, Friederike Wagner-Cremer**
 Ecosystem regimes and responses in a coupled ancient lake system from MIS 5b to present: the diatom record of lakes Ohrid and Prespa
Biogeosciences, 13, 3147–3162, 2016 [\[Link\]](#)
- SR-16-86 陳宇璜 - 臺灣大學海洋研究所學位論文**
 Modern sedimentation and extreme events in the South China Sea
 DOI : 10.6342/NTU201603065 [\[Link\]](#)
- SR-16-87 Niklas Leicher, Giovanni Zanchetta, Roberto Sulpizio, Biagio Giaccio, Bernd Wagner, Sebastien Nomade, Alexander Francke, Paola Del Carlo**
 First tephrostratigraphic results of the DEEP site record from Lake Ohrid (Macedonia and Albania)
Biogeosciences, 13, 2151–2178, 2016 [\[Link\]](#)
- SR-16-88 Michael R. Toomey, Jeffrey P. Donnelly, Jessica E. Tierney**
 South Pacific hydrologic and cyclone variability during the last 3000 years
Paleoceanography, Volume 31, Issue 11, Issue Publication: November 2016 [\[Link\]](#)
- SR-16-89 Katharina Häusler, Matthias Moros, Lukas Wacker, Lars Hammerschmidt, Olaf Dellwig, Thomas Leipe, Aarno Kotilainen, Helge W. Arz**
 Mid- to late Holocene environmental separation of the northern and central Baltic Sea basins in response to differential land uplift
Boreas, DOI: 10.1111/bor.12198 [\[Link\]](#)
- SR-16-90 Karoline Henkel, Torsten Haberzettl, Guillaume St-Onge, Junbo Wang, Marieke Ahlborn, Gerhard Daut, Liping Zhu, Roland Mäusbacher**
 High-resolution paleomagnetic and sedimentological investigations on the Tibetan Plateau for the past 16 ka cal B.P.—The Tangra Yumco record
Geochemistry, Geophysics, Geosystems, Volume 17, Issue 3, March 2016, p 774–790 [\[Link\]](#)
- SR-16-91 Alicja Bonk, Małgorzata KinderDirk EntersMartin GrosjeanCarsten Meyer-JacobWojciech Tylmann**
 Sedimentological and geochemical responses of Lake Żabińskie (north-eastern Poland) to erosion changes during the last millennium
Journal of Paleolimnology, October 2016, Volume 56, Issue 2, pp 239–252 [\[Link\]](#)
- SR-16-92 Ferreol Salomon, Simon Keay, Nicolas Carayon, Jean-Philippe Goiran**
 The Development and Characteristics of Ancient Harbours—Applying the PADM Chart to the Case Studies of Ostia and Portus
PLOS ONE, DOI:10.1371/journal.pone.0162587 September 15, 2016 [\[Link\]](#)
- SR-16-93 Camille Thomas, Yael Ebert, Yael Kiro, Mordechai Stein, Daniel Ariztegui, the DSDDP Scientific Team**
 Microbial sedimentary imprint on the deep Dead Sea sediment
The Depositional Record, Volume 2, Issue 1, May 2016, Pages 118–138 [\[Link\]](#)

- SR-16-94 Benjamin Bellwald, Berit Oline Hjelstuen, Hans Petter Sejrup, Hafliði Hafliðason**
Postglacial mass movements and depositional environments in a high-latitude fjord system – Hardangerfjorden, Western Norway
Marine Geology, Volume 379, 1 September 2016, Pages 157–175 [\[Link\]](#)
- SR-16-95 Laurence Vidal, Ali Rhoujjati, Rachid Adallal, Guillaume Jouve, Edouard Bard, Abdel Benkaddour, Emmanuel Chapron, Thierry Courp, Laurent Dezileau, Marta Garcia, Bertil Hebert, Anaëlle Simonneau, Corinne Sonzogni, Florence Sylvestre, Tachikawa Kazuyo, Christine Vallet-Coulomb, Elisabeth Viry**
Past hydrological variability in the Moroccan Middle Atlas inferred from lakes and lacustrine sediments
HAL-INSU: Archives ouvertes CNRS-INSU, Vidaletal.2016-COP22-Chap1.pdf [\[Link\]](#)
- SR-16-96 N. Höbig, R. Mediavilla, L. Gibert, J.I. Santisteban, D.I. Cendón, J. Ibáñez, K. Reicherter**
Palaeohydrological evolution and implications for palaeoclimate since the Late Glacial at Laguna de Fuente de Piedra, southern Spain
Quaternary International, Volume 407, Part A, 2 July 2016, Pages 29–46 [\[Link\]](#)
- SR-16-97 Karsten Schitteck, Sebastian T. Kock, Andreas Lücke, Jonathan Hense, Christian Ohlendorf, Julio J. Kulemeyer, Liliana C. Lupo, Frank Schäbitz**
A high-altitude peatland record of environmental changes in the NW Argentine Andes (24° S) over the last 2100 years
Clim. Past, 12, 1165–1180, 2016 [\[Link\]](#)
- SR-16-98 Scott Mensing, Irene Tunno, Gabriele Cifani, Susanna Passigli, Paula Noble, Claire Archer, Gianluca Piovesan**
Human and climatically induced environmental change in the Mediterranean during the Medieval Climate Anomaly and Little Ice Age: A case from central Italy
Anthropocene, Volume 15, September 2016, Pages 49–59 [\[Link\]](#)
- SR-16-99 Anna Pliikk, Karin F. Helmens, María Fernández-Fernández, Malin Kylander, Ludvig Löwemark, Jan Risberg, J. Sakari Salonen, Minna Väiliranta, Jan Weckström**
Development of an Eemian (MIS 5e) Interglacial palaeolake at Sokli (N Finland) inferred using multiple proxies
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 463, 1 December 2016, Pages 11–26 [\[Link\]](#)
- SR-16-100 Lyudmila S. Shumilovskikh, Martin Seeliger, Stefan Feuser, Elena Novenko, Frank Schlütz, Anna Pint, Felix Pirson, Helmut Brückner**
The harbour of Elaia: A palynological archive for human environmental interactions during the last 7500 years
Quaternary Science Reviews, Volume 149, 1 October 2016, Pages 167–187 [\[Link\]](#)
- SR-16-101 Florian Ott, Sabine Wulf, Johanna Serb, Michał Słowiński, Milena Obremaska, Rik Tjallingii, Mirosław Błaszczewicz, Achim Brauer**
Constraining the time span between the Early Holocene Häseldalen and Askja-S Tephra through varve counting in the Lake Czechowskie sediment record, Poland
Journal of Quaternary Science, Volume 31, Issue 2, February 2016, Pages 103–113 [\[Link\]](#)
- SR-16-102 Youbin Sun, Lianji Liang, Jan Bloemendal, Ying Li, Feng Wu, Zhengquan Yao, Yanguang Liu**
High-resolution scanning XRF investigation of Chinese loess and its implications for millennial-scale monsoon variability
Journal of Quaternary Science, Volume 31, Issue 3, April 2016, Pages 191–202 [\[Link\]](#)
- SR-16-103 T. Tesi, F. Muschitiello, R. H. Smittenberg, M. Jakobsson, J. E. Vonk, P. Hill, A. Andersson, N. Kirchner, R. Noormets, O. Dudarev, I. Semiletov, Ö Gustafsson**
Massive remobilization of permafrost carbon during post-glacial warming
Nature Communications 7, Article number: 13653 (2016) [\[Link\]](#)
- SR-16-104 Josefine Lenz, Benjamin M. Jones, Sebastian Wetterich, Rik Tjallingii, Michael Fritz, Christopher D. Arp, Natalia Rudaya, Guido Grosse**
Impacts of shore expansion and catchment characteristics on lacustrine thermokarst records in permafrost lowlands, Alaska Arctic Coastal Plain
Arktos, December 2016, 2:25 [\[Link\]](#)
- SR-16-105 Christoph Butz, Martin Grosjean, Anna Poraj-Górska, Dirk Enters, Wojciech Tylmann**
Sedimentary Bacteriopheophytin a as an indicator of meromixis in varved lake sediments of Lake Jaczno, north-east Poland, CE 1891–2010
Global and Planetary Change, Volume 144, September 2016, Pages 109–118 [\[Link\]](#)
- SR-16-106 Ulrike Kienel, Georgiy Kirillin, Brian Brademann, Birgit Plessen, Reinhard Lampe, Achim Brauer**
Effects of spring warming and mixing duration on diatom deposition in deep Tiefer See, NE Germany
Journal of Paleolimnology, pp 1–13 [\[Link\]](#)
- SR-16-107 Stefan Engels, Achim Brauer, Nico Buddelmeijer, Celia Martín-Puertas, Oliver Rach, Dirk Sachse, Bas van Geel**
Subdecadal-scale vegetation responses to a previously unknown late-Allerød climate fluctuation and Younger Dryas cooling at Lake Meerfelder Maar (Germany)
Journal of Quaternary Science, Volume 31, Issue 7, October 2016, Pages 741–752 [\[Link\]](#)
- SR-16-108 Sonja Berg, Duanne A. White, Ole Bennike, Réka-H. Fülöp, David Fink, Bernd Wagner, Martin Melles**
Unglaciated areas in East Antarctica during the Last Glacial (Marine Isotope Stage 3) – New evidence from Rauer Group
Quaternary Science Reviews, Volume 153, 1 December 2016, Pages 1–10 [\[Link\]](#)

- SR-16-109** **Giuliana Panieri, Carolyn A. Graves, Rachael H. James**
Paleo-methane emissions recorded in foraminifera near the landward limit of the gas hydrate stability zone offshore western Svalbard
Geochemistry, Geophysics, Geosystems, Volume 17, Issue 2, February 2016, p 521–537 [\[Link\]](#)
- SR-16-110** **Janna Just, Norbert R. Nowaczyk, Leonardo Sagnotti, Alexander Francke, Hendrik Vogel, Jack H. Lacey, Bernd Wagner**
Environmental control on the occurrence of high-coercivity magnetic minerals and formation of iron sulfides in a 640 ka sediment sequence from Lake Ohrid (Balkans)
Biogeosciences, 13, 2093–2109, 2016 [\[Link\]](#)
- SR-16-111** **Michael Ender, Rudolf Ender, Jens Wunderlich, Bernd Bobertz, Thomas Leipe, Matthias Morosa, Jørn Bo Jensen, Helge W. Arz**
Geo-acoustic modelling of late and postglacial sedimentary units in the Baltic Sea and their acoustic visibility
Marine Geology, Volume 376, 1 June 2011, Pages 86–101 [\[Link\]](#)
- SR-16-112** **Marieke Ahlborn, Torsten Haberzettl, Junbo Wang, Karoline Henkel, Thomas Kasper, Gerhard Daut, Liping Zhu, Roland Mäusbacher**
Synchronous pattern of moisture availability on the southern Tibetan Plateau since 17.5 cal. ka BP – the Tangra Yumco lake sediment record
Boreas, DOI: 10.1111/bor.12204 [\[Link\]](#)
- SR-16-113** **Anja Isaack, Eberhard Gischler, J. Harold Hudson, Flavio S. Anselmetti, Andreas Lohner, Hendrik Vogel, Eva Garbode, Gilbert F. Camoin,**
A new model evaluating Holocene sediment dynamics: Insights from a mixed carbonate–siliciclastic lagoon (Bora Bora, Society Islands, French Polynesia, South Pacific)
Sedimentary Geology, Volume 343, 15 August 2016, Pages 99–118 [\[Link\]](#)
- SR-16-114** **Matthias Moros, Thorbjørn J. Andersen, Detlef Schulz-Bull, Katharina Häusler, Dennis Bunke, Ian Snowball, Aarno Kotilainen, Lovisa Zillén, Jørn B. Jensen, Karoline Kabel, Ines Hand, Thomas Leipe, Bryan C. Loughheed, Bernd Wagner, Helge W. Arz**
Towards an event stratigraphy for Baltic Sea sediments deposited since AD 1900: approaches and challenges
Boreas, DOI: 10.1111/bor.12193 [\[Link\]](#)
- SR-16-115** **Zhengquan Yao, Xuefa Shi, Xiaoyan Li, Yanguang Liu, Jian Liu, Shuqing Qiao, Yazhi Bai, Xin Wang, Aimei Zhu, Xuchen Wang**
Sedimentary environment and paleo-tidal evolution of the eastern Bohai Sea, China since the last glaciation
Quaternary International, Available online 29 April 2016 [\[Link\]](#)
- SR-16-116** **Marius W. Buechi, Stephan M. Frank, Hans Rudolf Graf, John Menzies, Flavio S. Anselmetti**
Subglacial emplacement of tills and meltwater deposits at the base of overdeepened bedrock troughs
Sedimentology, DOI: 10.1111/sed.12319 [\[Link\]](#)
- SR-16-117** **Hannah E. Baranes, Jonathan D. Woodruff, Davin J. Wallace, Kinuyo Kanamaru, Timothy L. Cook**
Sedimentological records of the C.E. 1707 Hōei Nankai Trough tsunami in the Bungo Channel, southwestern Japan
Natural Hazards, November 2016, Volume 84, Issue 2, pp 1185–1205 [\[Link\]](#)
- SR-16-118** **Avery L. C. Shinneman, Charles E. Umbanhowar Jr., Mark B. Edlund, William O. Hobbs, Philip Camill, Christoph Geiss**
Diatom assemblages reveal regional-scale differences in lake responses to recent climate change at the boreal-tundra ecotone, Manitoba, Canada
Journal of Paleolimnology, December 2016, Volume 56, Issue 4, pp 275–298 [\[Link\]](#)
- SR-16-119** **Laurence VIDAL, Ali RHOJJATI, Rachid ADALLAL, Guillaume JOUVE, Edouard BARD, Abdel BENKADDOUR, Emmanuel CHAPRON, Thierry COURP, Laurent DEZILEAU, Marta GARCIA, Bertil HEBERT, Anaëlle SIMMONEAU, Corinne SONZOGNI, Florence SYLVESTRE, Kazuyo TACHIKAWA, Christine VALLET-COULOMB, Elisabeth VIRY**
Past hydrological variability in the Moroccan Middle Atlas inferred from lakes and lacustrine sediments
The Mediterranean Region under Climate Change, A Scientific Update p57-69 [\[Link\]](#)
- SR-16-120** **Xuefa Shi, Zhengquan Yao, Qingsong Liu, Juan Cruz Larrasoña, Yazhi Bai, Yanguang Liu, Jihua Liu, Peng Cao, Xiaoyan Li, Shuqing Qiao, Kunshan Wang, Xisheng Fang, Taoyu Xu**
Sedimentary architecture of the Bohai Sea China over the last 1 Ma and implications for sea-level changes
Earth and Planetary Science Letters, Volume 451, 1 October 2016, Pages 10–21 [\[Link\]](#)
- SR-16-121** **Jorien E. Vonk, Angela F. Dickens, Liviu Giosan, Zainab A. Hussain, Bokyoung Kim, Samuel C. Zipper, Robert M. Holmes, Daniel B. Montlucon, Valier Galy, Timothy I. Eglinton**
Arctic Deltaic Lake Sediments As Recorders of Fluvial Organic Matter Deposition
Front. Earth Sci., 17 August 2016 | [\[Link\]](#)
- SR-16-122** **Tyler S. Winkler, Peter J. van Hengstum, Meghan C. Horgan, Jeffrey P. Donnelly, Joseph H.**
Detrital cave sediments record Late Quaternary hydrologic and climatic variability in northwestern Florida, USA
Sedimentary Geology, Volume 335, 15 April 2016, Pages 51–65 [\[Link\]](#)

- SR-16-123 Jörn Profe, Bernd Zolitschka, Wolfgang Schirmer, Manfred Frechen, Christian Ohlendorf**
Geochemistry unravels MIS 3/2 paleoenvironmental dynamics at the loess–paleosol sequence Schwalbenberg II, Germany
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 459, 1 October 2016, Pages 537–551 [\[Link\]](#)
- SR-16-124 Kristen K. Beck, Michael-Shawn Fletcher, Patricia Gadd, Henk Heijnis, Geraldine Jacobsen**
An early onset of ENSO influence in the extra-tropics of the southwest Pacific inferred from a 14, 600 year high resolution multi-proxy record from Paddy's Lake, northwest Tasmania
Quaternary Science Reviews 157 (2017) 164-175 [\[Link\]](#)
- SR-16-125 Lucía Guerra, Eduardo L. Piovano, Francisco E. Córdoba, Kazuyo Tachikawa, Frauke Rostek, Marta Garcia, Edouard Bard, Florence Sylvestre**
Climate change evidences from the end of the Little Ice Age to the Current Warm Period registered by Melincué Lake (Northern Pampas, Argentina)
Quaternary International, Available online 26 July 2016 [\[Link\]](#)
- SR-16-126 Eirik Gjerløw, H. Haflidason, R.B. Pedersen**
Holocene explosive volcanism of the Jan Mayen (island) volcanic province, North-Atlantic
Journal of Volcanology and Geothermal Research, Volume 321, 15 July 2016, Pages 31–43 [\[Link\]](#)
- SR-16-127 Friederike Stock, Maria Knipping, Anna Pint, Sabine Ladstätter, Hugo Delile, Andreas G. Heiss, Hannes Laermanns, Piers D. Mitchell, René Ployer, Martin Steskal, Ursula Thanheiser, Ralf Urz, Volker Wennrich, Helmut Brückner**
Human impact on Holocene sediment dynamics in the Eastern Mediterranean – the example of the Roman harbour of Ephesus
Earth Surf. Process. Landforms, DOI: 10.1002/esp.3914 (2016) [\[Link\]](#)
- SR-16-128 Bakke Jostein, Vasskog Kristian, Ramanathan AL, Mandal Arindan, Kumar Om, Nesje Atle**
The Water Tower of India in a Long-term Perspective – A Way to Reconstruct Glaciers and Climate in Himachal Pradesh during the last 13,000 Years
Journal of Climate Change, Vol. 2, No. 1 (2016), pp. 103–112. [\[Link\]](#)

REFEREED (SEDIMENTS) 2017

- SR-17-01 G. Bradd Witt, Nathan B. English, Daniel Balanzategui, Quan Hua, Patricia Gadd, Henk Heijnis, Michael I. Bird**
The climate reconstruction potential of *Acacia cambagei* (gidgee) for semi-arid regions of Australia using stable isotopes and elemental abundances
Journal of Arid Environments, Volume 136, January 2017, Pages 19–27 [\[Link\]](#)
- SR-17-02 M. Plaza-Morlote, D. Rey, J.F. Santos, S. Ribeiro, D. Heslop, A. Bernabeu, K.J. Mohamed, B. Rubio, V. Martíns**
Southernmost evidence of large European Ice Sheet-derived freshwater discharges during the Heinrich Stadials of the Last Glacial Period (Galician Interior Basin, Northwest Iberian Continental Margin)
Earth and Planetary Science Letters, Volume 457, 1 January 2017, Pages 213–226 [\[Link\]](#)
- SR-17-03 Christoph Zielhofer, William J. Fletcher, Steffen Mischke, Marc De Batist, Jennifer F.E. Campbell, Sebastien Joannin, Rik Tjallingii, Najib El Hamouti, Annett Junginger, Andreas Stele, Jens Bussmann, Birgit Schneider, Tobias Lauer, Katrin Spitzer, Michael Strupler, Thomas Brachert, Abdeslam Mikdad**
Atlantic forcing of Western Mediterranean winter rain minima during the last 12, 000 years
Quaternary Science Reviews 157 (2017) 29-51 [\[Link\]](#)
- SR-17-04 Samuel Barrett, Reinhard Starnberger, Rik Tjallingii, Achim Brauer, Christoph Spötl**
The sedimentary history of the inner-alpine Inn Valley, Austria: extending the Baumkirchen type section further back in time with new drilling
Journal of Quaternary Science (2017) 32(1) 63–79 [\[Link\]](#)
- SR-17-05 Kristen K. Beck, Michael-Shawn Fletcher, Patricia S. Gadd, Henk Heijnis, Geraldine E. Jacobsen**
An early onset of ENSO influence in the extra-tropics of the southwest Pacific inferred from a 14, 600 year high resolution multi-proxy record from Paddy's Lake, northwest Tasmania
Quaternary Science Reviews, Volume 157, 1 February 2017, Pages 164–175 [\[Link\]](#)
- SR-17-06 Braden R. B. Gregory, Eduard G. Reinhardt, Andrew L. Macumber, Nawaf A. Nasser, R. Timothy Patterson, Shawn E. Kovacs, Jennifer M. Galloway**
Sequential sample reservoirs for Itrax-XRF analysis of discrete samples
Journal of Paleolimnology, March 2017, Volume 57, Issue 3, pp 287–293 [\[Link\]](#)
- SR-17-07 Pin-Yao Chiu, Weng-Si Chao, Richard Gyllencreutz, Martin Jakobsson, Hong-Chun Li Ludvig Lowemark, Matt O'Regan**
New constraints on Arctic Ocean Mn stratigraphy from radiocarbon dating on planktonic foraminifera
Quaternary International, Volume 447, 15 August 2017, Pages 13–26 [\[Link\]](#)
- SR-17-08 Karina Judd, Catherine Chagué-Goff, Patricia Gadd, Atun Zawadzki, Daniela Fierro**
Multi-proxy evidence for small historical tsunamis leaving little or no sedimentary record
Marine Geology, Volume 385, 1 March 2017, Pages 204–215 [\[Link\]](#)
- SR-17-09 Michelle Goman, Arthur Joyce, Steve Lund, Charlotte Pearson, William Guerra, Darren Dale, Douglas E. Hammond, Aaron J. Celestian**
Preliminary results from Laguna Minucúa a potentially annually resolved record of climate and environmental change for the past ~5000 years in the Mixteca Alta of Oaxaca, Mexico
Quaternary International, Available online 1 March 2017 [\[Link\]](#)
- SR-17-10 Gwydion Jones, Christine S. Lane, Achim Brauer, Siwan M. Davies, Renee De Bruijn, Stefan Engels, Aritina Haliuc, Wim Z. Hoek, Josef Merkt, Dirk Sachse, Falko Turner, Friederike Wagner-Cremer**
The Lateglacial to early Holocene tephrochronological record from Lake H€amelsee, Germany: a key site within the European tephra framework
Boreas 2017 DOI 10.1111/bor.12250 [\[Link\]](#)
- SR-17-11 Nicolaj K. Larsen, Astrid Strunk, Laura B. Levy, Jesper Olsen, Anders Bjørk, Torben L. Lauridsen, Erik Jeppesen, Thomas A. Davidson**
Strong altitudinal control on the response of local glaciers to Holocene climate change in southwest Greenland
Quaternary Science Reviews, Volume 168, 15 July 2017, Pages 69–78 [\[Link\]](#)
- SR-17-12 K. Walsh, A.G. Brown, B. Gourley, R. Scaife**
Archaeology, hydrogeology and geomorphology in the Stymphalos valley
Journal of Archaeological Science: Reports, Volume 15, October 2017, Pages 446-458 [\[Link\]](#)
- SR-17-13 Gregory A. de Wet, Nicholas L. Balascio, William J. D'Andrea, Jostein Bakke, Raymond S. Bradley, Bianca Perren**
Holocene glacier activity reconstructed from proglacial lake Gjøvatnet on Amsterdamøya, NW Svalbard
Quaternary Science Reviews, Available online 29 April 2017 [\[Link\]](#)
- SR-17-14 Bruno Wilhelm, Hendrik Vogel, Flavio S. Anselmetti**
A multi-centennial record of past floods and earthquakes in Valle d'Aosta, Mediterranean Italian Alps
Nat. Hazards Earth Syst. Sci., 17, 613-625, 2017 [\[Link\]](#)

- SR-17-15 Marthe Gjerde, Jostein Bakke, William J. D'Andrea, Nicholas L. Balascio, Raymond S. Bradley, Kristian Vasskog, Sædis Olafsdottir, Torgeir O. Røthe, Bianca B. Perren, Anne Hormes**
Holocene multi-proxy environmental reconstruction from lake Hakluytvatnet, Amsterdamøya Island, Svalbard (79.5°N)
Quaternary Science Reviews, Available online 6 March 2017 [\[Link\]](#)
- SR-17-16 O. Fransner, R. Noormets, A. E. Flink, K. A. Hogan, M. O'Regan, M. Jakobsson**
Glacial landforms and their implications for glacier dynamics in Rijpfjorden and Duvefjorden, northern Nordaustlandet, Svalbard
Journal of Quaternary Science (2017) 32(3) 437–455 [\[Link\]](#)
- SR-17-17 Gary G. Lash**
A multiproxy analysis of the Frasnian-Famennian transition in western New York State, U.S.A
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 473, 1 May 2017, Pages 108–122 [\[Link\]](#)
- SR-17-18 Kota Katsuki, Dong-YoonYang, JaesooLim, Jin-Young Lee, HirofumiAsahi, Min Han**
Multi-centennial-scale changes in East Asian typhoon frequency during the mid-Holocene
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 476, 15 June 2017, Pages 140–146 [\[Link\]](#)
- SR-17-19 Anne E. Flink, Riko Noormets, Oscar Fransner, Kelly A. Hogan, Matthew O'Regan, Martin Jakobsson**
Past ice flow in Wahlenbergfjorden and its implications for late Quaternary ice sheet dynamics in northeastern Svalbard
Quaternary Science Reviews, Volume 163, 1 May 2017, Pages 162–179 [\[Link\]](#)
- SR-17-20 Kevin Walsh, Tony Brown, Tymon de Haas**
Introduction — Human-environment interfaces: Assessing the use of palaeoenvironmental information in Mediterranean landscape archaeology
Journal of Archaeological Science: Reports, Volume 15, October 2017, Pages 401-404 [\[Link\]](#)
- SR-17-21 Andrew V. Michelson, Lisa Park Boush**
A quantitative inference model for conductivity using non-marine ostracode assemblages on San Salvador Island, Bahamas: Paleosalinity records from two lakes
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 477, 1 July 2017, Pages 27–39 [\[Link\]](#)
- SR-17-22 Celia Martin-Puertas, Rik Tjallingii, Menno Bloemsmma, Achim Brauer**
Varved sediment responses to early Holocene climate and environmental changes in Lake Meerfelder Maar (Germany) obtained from multivariate analyses of micro X-ray fluorescence core scanning data
Journal of Quaternary Science (2017) 32(3) 427–436 [\[Link\]](#)
- SR-17-23 Gordon Schlolaut, Achim Brauer, Takeshi Nakagawa, Henry F. Lamb, Jonathan J. Tyler, Richard A. Staff, Michael H. Marshall, Christopher Bronk Ramsey, Charlotte L. Bryant, Pavel E. Tarasov**
Evidence for a bi-partition of the Younger Dryas Stadial in East Asia associated with inversed climate characteristics compared to Europe
Sci Rep. 2017; 7: 44983 [\[Link\]](#)
- SR-17-24 Daniel Palchan, Ina Neugebauer, Yael Amitai, Nicolas D. Waldmann, Markus J. Schwab, Peter Dulski, Achim Brauer, Mordechai Stein, Yigal Erel, Yehouda Enzel**
North Atlantic controlled depositional cycles in MIS 5e layered sediments from the deep Dead Sea basin
Quaternary Research, Volume 87, Issue 1 January 2017, pp. 168-179 [\[Link\]](#)
- SR-17-25 William O. Hobbs, Mark B. Edlund, Charles E. Umbanhowar Jr., Philip Camill, Jason A. Lynch, Christoph Geiss, Vania Stefanova**
Holocene evolution of lakes in the forest-tundra biome of northern Manitoba, Canada
Quaternary Science Reviews, Volume 159, 1 March 2017, Pages 116–138 [\[Link\]](#)
- SR-17-26 Benoît CAMENEN**
Bilan scientifique du colloque « Transport Solide et Morphodynamique des Rivières » (TSMR2017) Villeurbanne, 8 et 9 novembre 2017
La Houille Blanche, n° 6, 2017, p. 89-91 [\[Link\]](#)
- SR-17-27 Anna Izabela Poraj-Górska, Maurycy Jacek Żarczyński, Antje Ahrens, Dirk Enters, Dawid Weisbrodt, Wojciech Tylmann**
Impact of historical land use changes on lacustrine sedimentation recorded in varved sediments of Lake Jaczno, northeastern Poland
Catena, Volume 153, June 2017, Pages 182–193 [\[Link\]](#)
- SR-17-28 Fang Zhao, Timothy A. Minshull, Anya J. Crocker, Julian A. Dowdeswell, Shiguo Wu, Simon M. Soryal**
Pleistocene iceberg dynamics on the west Svalbard margin: Evidence from bathymetric and sub-bottom profiler data
Quaternary Science Reviews, Volume 161, 1 April 2017, Pages 30–44 [\[Link\]](#)
- SR-17-29 Michał Słowiński, Izabela Zawiska, Florian Ott, Agnieszka M. Noryśkiewicz, Birgit Plessen, Karina Apolinarska, Monika Rzodkiewicz, Danuta J. Michczyńska, Sabine Wulf, Piotr Skubała, Jarosław Kordowski, Mirosław Błaszczewicz, Achim Brauer**
Differential proxy responses to late Allerød and early Younger Dryas climatic change recorded in varved sediments of the Trzechowskie palaeolake in Northern Poland
Quaternary Science Reviews, Volume 158, 15 February 2017, Pages 94–106 [\[Link\]](#)

- SR-17-30 Liang Chen, David Heslop, Andrew P. Roberts, Liao Chang, Xiang Zhao, Helen V. McGregor, Gianluca Marino, Laura Rodriguez-Sanz, Eelco J. Rohling, Heiko Pälike**
Remanence acquisition efficiency in biogenic and detrital magnetite and recording of geomagnetic paleointensity
Geochemistry, Geophysics, Geosystems, Volume 18, Issue 4, April 2017, Pages 1435–1450 [\[Link\]](#)
- SR-17-31 Philipp Hoelzmann, Torsten Klein, Frank Kutz, Brigitta Schütt**
A new device to mount portable energy-dispersive X-ray fluorescence spectrometers (p-ED-XRF) for semi-continuous analyses of split (sediment) cores and solid samples
Geosci. Instrum. Method. Data Syst., 6, 93–101, 2017 [\[Link\]](#)
- SR-17-32 Willem G. M. van der Bilt, Jostein Bakke, Johannes P. Werner, Øyvind Paasche, Gunhild Rosqvist, Sunniva Solheim Vatle**
Late Holocene glacier reconstruction reveals retreat behind present limits and two-stage Little Ice Age on subantarctic South Georgia
Journal of Quaternary Science (2017), Volume 32, Issue 6, August 2017, Pages 888–901 [\[Link\]](#)
- SR-17-33 Nick Scropton, Stephen J. Burns, David McGee, Ben Hardt, Laurie R. Godfrey, Lovasoa Ranivoharimanana, Peterson Faina**
Hemispherically in-phase precipitation variability over the last 1700 years in a Madagascar speleothem record
Quaternary Science Reviews, Volume 164, 15 May 2017, Pages 25–36 [\[Link\]](#)
- SR-17-34 Betül Filikci, Kürşad Kadir Eriş, NamıkÇağatay, Asen Sabuncu, Alina Polonia**
Late glacial to Holocene water level and climate changes in the Gulf of Gemlik, Sea of Marmara: evidence from multi-proxy data
Geo-Mar Lett October 2017, Volume 37, Issue 5, pp 501–513 [\[Link\]](#)
- SR-17-35 Frank Oliva, Matthew Peros, André Viau**
A review of the spatial distribution of and analytical techniques used in paleotempestological studies in the western North Atlantic Basin
Progress in Physical Geography 2017, Vol. 41(2) 171–190 [\[Link\]](#)
- SR-17-36 Guillaume Jouve, Agathe Lisé-Pronovost, Pierre Francus, Arnaud S. De Coninck, The PASADO Science Team**
Climatic influence of the latest Antarctic isotope maximum of the last glacial period (AIM4) on Southern Patagonia
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 472, 15 April 2017, Pages 33–50 [\[Link\]](#)
- SR-17-37 D.N. King, J.R. Goff, C. Chagué-Goff, B. McFadgen, G.E. Jacobsen, P. Gadd, M. Horrocks**
Reciting the layers: Evidence for past tsunamis at Mataora-Wairau Lagoon, Aotearoa-New Zealand
Marine Geology, Volume 389, 1 July 2017, Pages 1–16 [\[Link\]](#)
- SR-17-38 Drishya Girishbai, Saju Varghese, A.C. Dinesh, Arun Bhadran, R.K. Joshi**
Provenances of possible turbidites and volcanoclastic sediments in the northern part of Narcondam-Barren Basin, Andaman Sea
Arabian Journal of Geosciences, January 2017, 10:39 [\[Link\]](#)
- SR-17-39 Denise Christina Ruther, Monica Winsborrow, Karin Andreassen, Matthias Forwick**
Grounding line proximal sediment characteristics at a marine-based, late-stage ice stream margin
JOURNAL OF QUATERNARY SCIENCE (2017) 32(4) 463–474 [\[Link\]](#)
- SR-17-41 T. Hatin, X. Crosta, A. Le Hérisse, L. Droz, T.Marsset**
Diatom response to oceanographic and climatic changes in the Congo fan area, equatorial Atlantic Ocean, during the last 190 ka BP
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 469, 1 March 2017, Pages 47–59 [\[Link\]](#)
- SR-17-42 J Allin, A Mozzato, P Talling, J Hunt, D Tappin**
A NEW VIEW OF LARGE AND HAZARDOUS SUBMARINE LANDSLIDES THAT CAN FAIL FROM THE TOP DOWN AND BE WEAKLY TSUNAMIGENIC
- SR-17-43 C.M. Martin-Jones, C.S. Lane, N.J.G. Pearce, V.C. Smith, H.F. Lamb, C. Oppenheimer, A. Asrat, F. Schaebitz**
Glass compositions and tempo of post-17 ka eruptions from the Afar
Quaternary Geochronology, Volume 37, February 2017, Pages 15–31 [\[Link\]](#)
- SR-17-44 J.E. Hunt**
Identifying and quantifying erosion beneath the deposits of long-runout turbidity currents along their pathway
Marine Geology, Volume 389, 1 July 2017, Pages 32–51 [\[Link\]](#)
- SR-17-45 S. Giuliani, L.G. Bellucci, M.N.Çağatay, A.Polonia, R. Piazza, M. Vecchiato, S.Pizzini, L. Gasperini**
The impact of the 1999 Mw 7.4 event in the İzmit Bay (Turkey) on anthropogenic contaminant (PCBs, PAHs and PBDEs) concentrations recorded in a deep sediment core
Science of The Total Environment, Volumes 590–591, 15 July 2017, Pages 799–808 [\[Link\]](#)
- SR-17-46 Aritina Haliuc, DanielVeres, AchimBrauer, Katalin Hubay, Simon M. Hutchinson, Robert Begy, Mihaly Braun**
Palaeohydrological changes during the mid and late Holocene in the Carpathian area, central-eastern Europe
Global and Planetary Change, Volume 152, May 2017, Pages 99–114 [\[Link\]](#)

- SR-17-47 Younho Roh, Ho Il Yoon, Heungsoo Moon**
Paleoenvironment analysis using ITRAX-XRF and MS, Organic matter in the Antarctic Ross sea core
The Geological Society of Korea > 대한지질학회 학술대회 > 2017 추계지질과학연합 학술발표회 [\[Link\]](#)
- SR-17-48 Michael R. Toomey, Robert L. Korty, Jeffrey P. Donnelly, Peter J. van Hengstum, William B. Curry**
Increased hurricane frequency near Florida during Younger Dryas Atlantic Meridional Overturning Circulation slowdown
Geology (2017) 45 (11): 1047-1050 [\[Link\]](#)
- SR-17-49 Proemse, B. Gadd, P. Zawadzki, A. Maxwell, C. Barmuta, L,**
Tracing water quality changes in water level manipulated lakes in central Tasmania using high resolution core scanning and isotopic dating techniques
<http://ecite.utas.edu.au/121677> [\[Link\]](#)
- SR-17-50 Durand, Axel; Mackenzie, Lydia; Bonica, Adrian; Dickson, Bianca; Romano, Anthony**
Quaternary Australasia, Vol. 34, No. 1, Jun 2017: 38-41 [\[Link\]](#)
- SR-17-51 Obinna P. Nzekwe, Pierre Francus, Guillaume St-Onge, Patrick Lajeunesse, David Fortin, Antoine Gagnon-Poiré, Édouard G.H. Philippe, Alexandre Normandeau**
Recent sedimentation in three adjacent fjord-lakes on the Québec North Shore (eastern Canada): facies analysis, laminae preservation, and potential for varve formation
Canadian Journal of Earth Sciences, https://doi.org/10.1139/cjes-2017-0070 [\[Link\]](#)
- SR-17-52 程威傑**
Application of Environmental Forensics on Investigating of Sheng-Mei Pond Contaminated Site (Taoyuan, Taiwan)
DOI : 10.6342/NTU201701596 [\[Link\]](#)
- SR-17-53 Bostock, Helen**
Vale Ignacio Martinez
Quaternary Australasia, Vol. 34, No. 1, Jun 2017: 7-8 [\[Link\]](#)
- SR-17-54 Maria Virgínia Alves Martins, Daniel Rey, Egberto Pereira, Maider Plaza-Morlote, Emília Salgueiro, João Moreno, Wânia Duleba, View ORCID ProfileSara Ribeiro, View ORCID ProfileJosé Francisco dos Santos, Ana Bernabeu, Belén Rubio, Lazaro Luiz Mattos Laut, Fabrizio Frontalini, Maria Antonieta da Conceição Rodrigues, View ORCID ProfileFernando Rocha**
Influence of dominant wind patterns in a distal region of the NW Iberian Margin during the last glaciacion
Journal of the Geological Society, 21 November 2017 [\[Link\]](#)
- SR-17-55 Ryan D. Wilson, Juergen Schieber**
Association Between Wave- and Current-aided Hyperpycnites and Flooding Surfaces in Shelfal Mudstones: an Integrated Sedimentologic, Sequence Stratigraphic, and Geochemical Approach
Journal of Sedimentary Research (2017) 87 (11): 1143-1155 [\[Link\]](#)
- SR-17-56 阮行健**
Composition and provenances of particulate organic carbon within the modern deep-sea event-layer in the South China Sea
臺灣大學海洋研究所學位論文 ; 2017年(2017/01/01), P1 - 91 [\[Link\]](#)
- SR-17-57 李安昇**
Study of heavy metal distribution in sediment cores of the Nankan River, Taoyuan
臺灣大學地質科學研究所學位論文 ; 2017年(2017/01/01), P1 - 103 [\[Link\]](#)
- SR-17-58 周穎詩**
Heavy Mineral Provenance of a Distinct Gray Layer from the Lomonosov Ridge off Greenland
臺灣大學地質科學研究所學位論文 ; 2017年(2017/01/01), P1 - 106 [\[Link\]](#)
- SR-17-59 邱品堯**
Radiocarbon dating of Mn patterns in Arctic cores to refine their usage as a stratigraphic tool
臺灣大學地質科學研究所學位論文 ; 2017年(2017/01/01), P1 - 164 [\[Link\]](#)
- SR-17-60 David MacPherson, Bethany R. S. Fox & Willem P. de Lange**
Holocene evolution of the southern Tauranga Harbour
New Zealand Journal of Geology and Geophysics, Volume 60, 2017 - Issue 4 [\[Link\]](#)
- SR-17-61 Liangcheng Tan, Yanjun Cai, Hai Cheng, Lawrence R. Edwards, Yongli Gao, Hai Xu, Haiwei Zhang, Zhisheng A**
Centennial- to decadal-scale monsoon precipitation variations in the upper Hanjiang River region, China over the past 6650 years
Earth and Planetary Science Letters 482 (2018) 580-590 [\[Link\]](#)
- SR-17-62 Kassandra M. Costa, Jerry F. McManus, Jennifer L. Middleton, Charles H. Langmuir, Peter J. Huybers, Gisela Winckler, Sujoy Mukhopadhyay**
Hydrothermal deposition on the Juan de Fuca Ridge over multiple glacial-interglacial cycles
Earth and Planetary Science Letters 479 (2017) 120-132 [\[Link\]](#)

- SR-17-63 Norbert R. Nowaczyk, Liu Jiabo, Ute Frank, Helge W. Arz**
A high-resolution paleosecular variation record from Black Sea sediments indicating fast directional changes associated with low field intensities during marine isotope stage (MIS) 4
Earth and Planetary Science Letters 484 (2018) 15–29 [\[Link\]](#)
- SR-17-64 Fenja Theden-Ringl, Patricia Gadd**
The application of X-ray fluorescence core scanning in multi-element analyses of a stratified archaeological cave deposit at Wee Jasper, Australia
Journal of Archaeological Science: Reports 14 (2017) 241–251 [\[Link\]](#)
- SR-17-65 Zhanhong Liu, Chunju Huang, Thomas J. Algeo, Huimin Liu, Yunqing Hao, Xuebin Du, Yongchao Lu, Ping Chen, Laiyuan Guo, Li Peng**
High-resolution astrochronological record for the Paleocene-Oligocene (66–23 Ma) from the rapidly subsiding Bohai Bay Basin, northeastern China
Palaeogeography, Palaeoclimatology, Palaeoecology xxx (xxxx) xxx–xxx [\[Link\]](#)
- SR-17-66 Catherine Chagué-Goff, Witold Szczuciński, Tetsuya Shinozaki**
Applications of geochemistry in tsunami research: A review
Earth-Science Reviews 165 (2017) 203–244 [\[Link\]](#)
- SR-17-67 Shun-Wen Yu, Louis L. Tsai, Peter J. Talling, Andrew T. Lin, Horng-Sheng Mii, San-Hsiung Chung, Chorng-Shern Horng**
Sea level and climatic controls on turbidite occurrence for the past 26 kyr on MARK the flank of the Gaoping Canyon off SW Taiwan
Marine Geology 392 (2017) 140–150 [\[Link\]](#)
- SR-17-68 Lukas W.M. Becker, Hans Petter Sejrup, Berit O. Hjelstuen, Hafliði Hafliðason, Trond M. Dokken**
Ocean-ice sheet interaction along the SE Nordic Seas margin from 35 to 15 ka BP
Marine Geology xxx (2017) xxx–xxx [\[Link\]](#)
- SR-17-69 Catherine Chagué, Daisuke Sugawara, Kazuhisa Goto, James Goff, Walter Dudley, Patricia Gadd**
Geological evidence and sediment transport modelling for the 1946 and 1960 tsunamis in Shinmachi, Hilo, Hawaii
Sedimentary Geology 364 (2017) 319–333 [\[Link\]](#)
- SR-17-70 Sarah Beuscher, Stefan Krüger, Werner Ehrmann, Gerhard Schmiedl, Yvonne Milker, Helge Arz, Hartmut Schulz**
End-member modelling as a tool for climate reconstruction—An Eastern Mediterranean case study
PLOS ONE | <https://doi.org/10.1371/journal.pone.0185136> September 21, 2017 [\[Link\]](#)
- SR-17-71 Michinobu Kuwae, Masanobu Yamamoto, Takuya Sagawa, Ken Ikehara, Tomohisa Irino, Keiji Takemura, Hidetaka Takeoka, Takashige Sugimoto**
Multidecadal, centennial, and millennial variability in sardine and anchovy T abundances in the western North Pacific and climate–fish linkages during the late Holocene
Progress in Oceanography 159 (2017) 86–98 [\[Link\]](#)
- SR-17-72 Iliya Bauchi Danladi, Sena Akçer-On**
Solar forcing and climate variability during the past millennium as recorded in a high altitude lake: Lake Salda (SW Anatolia)
Quaternary International xxx (2017) 1-14 [\[Link\]](#)
- SR-17-73 Z. Bora Ön, Sena Akçer-Ön, M. Sinan Özeren, K. Kadir Eris, Alan M. Greaves, M. Namık Çagatay**
Climate proxies for the last 17.3 ka from Lake Hazar (Eastern Anatolia), extracted by independent component analysis of μ -XRF data
Quaternary International xxx (2017) 1-12 [\[Link\]](#)
- SR-17-74 Irdian Siregar, Yufu Niu, Peyman Mostaghimi, Ryan T. Armstrong**
Coal ash content estimation using fuzzy curves and ensemble neural MARK networks for well log analysis
International Journal of Coal Geology 181 (2017) 11–22 [\[Link\]](#)
- SR-17-75 Wojciech Tylmann, Paulina Głowacka, Agnieszka Szczerba**
Tracking climate signals in varved lake sediments: research strategy and key sites for comprehensive process studies in the Masurian Lakeland
Limnol. Rev. (2017) 17, 3: 159–166 [\[Link\]](#)
- SR-17-76 Luise Eichhorn, Michael Pirrung, Bernd Zolitschka, Georg Büchel**
Pleniglacial sedimentation process reconstruction on laminated lacustrine sediments from lava-dammed Paleolake Alf, West Eifel Volcanic Field (Germany)
Quaternary Science Reviews 172 (2017) 83-95 [\[Link\]](#)
- SR-17-77 Christoph Zielhofer, Hans von Suchodoletz, William J. Fletcher, Birgit Schneider, Elisabeth Dietze, Michael Schlegel, Kerstin Schepanski, Bernhard Weninger, Steffen Mischke, Abdeslam Mikdad**
Millennial-scale fluctuations in Saharan dust supply across the decline of the African Humid Period
Quaternary Science Reviews 171 (2017) 119-135 [\[Link\]](#)
- SR-17-78 Jessica L. Hinojosa, Christopher M. Moy, Claudine H. Stirling, Gary S. Wilson, Timothy I. Eglinton**
A New Zealand perspective on centennial-scale Southern Hemisphere westerly wind shifts during the last two millennia
Quaternary Science Reviews 172 (2017) 32-43 [\[Link\]](#)

- SR-17-79** Shawn E. Kovacs, Eduard G. Reinhardt, James C. Chatters, Dominique Rissolo, Henry P. Schwarcz, Shawn V. Collins, Sang-Tae Kim, Alberto Nava Blank, Pilar Luna Erreguerena
 Calcite raft geochemistry as a hydrological proxy for Holocene aquifer conditions in Hoyo Negro and Ich Balam (Sac Actun Cave System), Quintana Roo, Mexico
Quaternary Science Reviews 175 (2017) 97-111 [\[Link\]](#)
- SR-17-80** Anja Schwarz, Falko Turner, Stefan Lauterbach, Birgit Plessen, Kim J. Krahn, Sven Glodniok, Steffen Mischke, Martina Stebich, Roman Witt, Jens Mingram, Antje Schwalb
 Mid- to late Holocene climate-driven regime shifts inferred from diatom, ostracod and stable isotope records from Lake Son Kol (Central Tian Shan, Kyrgyzstan)
Quaternary Science Reviews 177 (2017) 340-356 [\[Link\]](#)
- SR-17-81** Jerome Goslin, Lars B. Clemmensen
 Proxy records of Holocene storm events in coastal barrier systems: Storm-wave induced markers
Quaternary Science Reviews 174 (2017) 80-119 [\[Link\]](#)
- SR-17-82** Sebastien Bertrand, Carina B. Lange, Silvio Pantoja, Konrad Huguen, Evi Van Tornhout, Julia Smith Wellner
 Postglacial fluctuations of Cordillera Darwin glaciers (southernmost Patagonia) reconstructed from Almirantazgo fjord sediment
Quaternary Science Reviews 177 (2017) 265-275 [\[Link\]](#)
- SR-17-83** Claire Croguennec, Livio Ruffine, Bernard Dennielou, François Baudin, Jean-Claude Caprais, Vivien Guyader, Germain Bayon, Christophe Brandily, Julie Le Bruchec, Claire Bollinger
 Evidence and age estimation of mass wasting at the distal lobe of the Congo deep-sea fan
 HAL Id: hal-01427831, <http://hal.upmc.fr/hal-01427831> [\[Link\]](#)
- SR-17-84** Özgür Avşar, Ulaş Avşar, Şebnem Arslan, Bedri Kurtuluş, Samuel Niedermann, Nilgün Güleç
 Subaqueous hot springs in Köyceğiz Lake, Dalyan Channel and Fethiye-Göcek Bay (SW Turkey): Locations, chemistry and origins
Journal of Volcanology and Geothermal Research 345 (2017) 81-97 [\[Link\]](#)
- SR-17-85** Leo Rothacker, Nathalie Vigier, Anthony Dosseto, Anna M. Kotarba-Morley, Alexander Francke, Davide Menozzi
 Impact of climate change and human activity on soil landscapes over the past 12,300 years [\[Link\]](#)
- SR-17-86** Lucía Guerra, Eduardo L. Piovano, Francisco E. Cordoba, Kazuyo Tachikawa, Frauke Rostek, Marta Garcia, Edouard Bard, Florence Sylvestre
 Climate change evidences from the end of the Little Ice Age to the Current Wa
Quaternary International 438 (2017) 160-174 [\[Link\]](#)
- SR-17-87** Zhengquan Yao, Xuefa Shi, Xiaoyan Li, Yanguang Liu, Jian Liu, Shuqing Qiao, Yazhi Bai, Xin Wang, Aimei Zhu, Xuchen Wang
 Sedimentary environment and paleo-tidal evolution of the eastern Bohai Sea, China since the last glaciation
Quaternary International 440 (2017) 129-138 [\[Link\]](#)
- SR-17-88** Tabea Schröder, Jasmijn van 't Hoff, Eugenio Ortiz, Trinidad J. de Torres Perez-Hidalgo, José Antonio Lopez-Saez, Martin Melles, Anja Holzhausen, Volker Wennrich, Finn Viehberg, Klaus Reicherter
 Shallow hypersaline lakes as paleoclimate archives: A case study from the Laguna Salada, Malaga province, southern Spain
Quaternary International xxx (2017) 1-13 [\[Link\]](#)
- SR-17-89** Kürsad Kadir ErisSena Akcer Ön, M. Namik Cagatay, Umut Baris Ülgen, Zeki Bora Ön, Zülfü Gürocak, Tuğçe Nagihan Arslan, Dicle Bal Akkoca, Emre Damcı, Murat Inceoz, Ozlem Oztekin Okan
 Late Pleistocene to Holocene paleoenvironmental evolution of Lake Hazar, Eastern Anatolia, Turkey
Quaternary International xxx (2017) 1-13 [\[Link\]](#)
- SR-17-90** C.A. Woodward, A. Slee, P. Gadd, A. Zawadzki, H. Hamze, A. Parmar, D. Zahra
 The role of earthquakes and climate in the formation of diamictic sediments in a New Zealand mountain lake
Quaternary International xxx (2017) 1-18 [\[Link\]](#)
- SR-17-91** Akihiro Hiruta, Tsanyao Frank Yang, Saulwood Lin, Chih-Chieh Su, Nai-Chen Chen, Yi-Jyun Chen, Hsuan-Wen Chen, Tsung-Han Yang, Yu-Chun Huang, Kuo-Yen Wei, Jyh-Jaan Huang, Song-Chuen Chen, Sheng-Rong Song
 Activation of gas bubble emissions indicated by the upward decreasing MARK Lead-210 activity at a submarine mud volcano (TY1) offshore southwestern Taiwan
Journal of Asian Earth Sciences 149 (2017) 160-171 [\[Link\]](#)
- SR-17-92** Christoph Zielhofer, William J. Fletcher, Steffen Mischke, Marc De Batist, Jennifer F.E. Campbell, Sebastien Joannin, Rik Tjallingii, Najib El Hamouti, Annett Junginger, Andreas Stele, Jens Bussmann, Birgit Schneider, Tobias Lauer, Katrin Spitzer, Michael Strupler, Thomas Brachert, Abdeslam Mikdad
 Atlantic forcing of Western Mediterranean winter rain minima during the last 12,000 years
Quaternary Science Reviews 157 (2017) 29-51 [\[Link\]](#)

- SR-17-93** **Rebecca Elizabeth Smith, Jonathan James Tyler, Jessica Reeves, Simon Blockley, Geraldine Ellen Jacobsen**
First Holocene cryptotephra in mainland Australia reported from sediments at Lake Keilambete, Victoria, Australia
Quaternary Geochronology 40 (2017) 82-91 [\[Link\]](#)
- SR-17-94** **Christoph Mayr, Renate Matzke-Karasz, Philipp Stojakowits, Sally E. Lowick, Bernd Zolitschka, Tanja Heigl, Richard Mollath, Marian Theuerkauf, Marc-Oliver Weckend, Rupert Bäumler, Hans-Joachim Gregor**
Palaeoenvironments during MIS 3 and MIS 2 inferred from lacustrine intercalations in the loess-palaeosol sequence at Bobingen (southern Germany)
E&G Quaternary Sci. J., 66, 73-89, 2017 [\[Link\]](#)
- SR-17-95** **Niels Emil Sørensen, Bent Vad Odgaard, Anne Birgitte Nielsen, Jesper Olsen, Søren M. Kristiansen**
Late Holocene landscape development around a Roman Iron Age mass grave, Alken Enge, Denmark
Veget Hist Archaeobot (2017) 26:277-292 [\[Link\]](#)
- SR-17-96** **Elise Doyen, David Etienne**
Ecological and human land-use indicator value of fungal spore morphotypes and assemblages
Veget Hist Archaeobot (2017) 26:357-367 [\[Link\]](#)
- SR-17-97** **Ulrike Kienel, Georgiy Kirillin, Brian Brademann, Birgit Plessen, Reinhard Lampe, Achim Brauer**
Effects of spring warming and mixing duration on diatom deposition in deep Tiefer See, NE Germany
J Paleolimnol (2017) 57:37-49 [\[Link\]](#)
- SR-17-98** **Daniel R. Miller, Isla S. Castaneda, Raymond S. Bradley, Dana MacDonald**
Local and regional wildfire activity in central Maine (USA) during the past 900 years
J Paleolimnol (2017) 58:455-466 [\[Link\]](#)
- SR-17-99** **Sena Akçer-Ön**
Climatic variability related to solar activity during the Little Ice Age: Lake Köyceğiz Sediment Records (SW Anatolia)
Geological Bulletin of Turkey 60 (2017) 569-588 [\[Link\]](#)
- SR-17-100** **Yanbin Lu, Sherilyn C. Fritz, Jeffery R. Stone, Teresa R. Krause, Cathy Whitlock, Erik T. Brown, James V. Benes**
Trends in catchment processes and lake evolution during the late-glacial and early- to mid-Holocene inferred from high-resolution XRF data in the Yellowstone region
J Paleolimnol (2017) 58:551-569 [\[Link\]](#)
- SR-17-101** **Krzysztof Pleskot, Rik Tjallingii, Mirosław Makohonienko, Norbert Nowaczyk, Witold Szczucinski**
Holocene paleohydrological reconstruction of Lake Żabińskie (western Poland) and its implications for the central European climatic transition zone
J Paleolimnol DOI 10.1007/s10933-017-9999-2 [\[Link\]](#)
- SR-17-102** **Robert Ladwig, Lena Heinrich, Gabriel Singer, Michael Hupfer**
Sediment core data reconstruct the management history and usage of a heavily modified urban lake in Berlin, Germany
Environ Sci Pollut Res (2017) 24:25166-25178 [\[Link\]](#)
- SR-17-103** **Yi Wang, Ingrid Hendy, Tiffany J. Napier**
Climate and Anthropogenic Controls of Coastal Deoxygenation on Interannual to Centennial Timescales
Geophysical Research Letters, 44. <https://doi.org/10.1002/2017GL075443> [\[Link\]](#)
- SR-17-104** **Kürsad Kadir Eris, Tuğçe Nagihan Arslan, Asen Sabuncu**
Influences of Climate and Tectonic on the Middle to Late Holocene Deltaic Sedimentation in Lake Hazar, Eastern Turkey
Arabian Journal for Science and Engineering <https://doi.org/10.1007/s13369-017-3021-1> [\[Link\]](#)
- SR-17-105** **Iván Hernández-Almeida, Martin Grosjean, Juan José Gómez-Navarro, Isabelle Larocque-Tobler, Alicja Bonk, Dirk Enters, Alicja Ustrzycka, Natalia Piotrowska, Rajmund Przybylak, Agnieszka Wacnik, Małgorzata Witak, Wojciech Tylmann**
Resilience, rapid transitions and regime shifts: Fingerprinting the responses of Lake Żabińskie (NE Poland) to climate variability and human disturbance since AD 1000
The Holocene 2017, Vol. 27(2) 258-270 [\[Link\]](#)
- SR-17-106** **Marta Szal, Mirosława Kupryjanowicz, Wojciech Tylmann, Natalia Piotrowska**
Was it 'terra desolata'? Conquering and colonizing the medieval Prussian wilderness in the context of climate change.
The Holocene 2017, Vol. 27(3) 465-480 [\[Link\]](#)
- SR-17-107** **Nadine Dräger, Martin Theuerkauf, Krystyna Szeroczyńska, Sabine Wulf, Rik Tjallingii, Birgit Plessen, Ulrike Kienel, Achim Brauer**
Varve microfacies and varve preservation record of climate change and human impact for the last 6000 years at Lake Tiefer See (NE Germany)
The Holocene 2017, Vol. 27(3) 450-464 [\[Link\]](#)
- SR-17-108** **Lydia Mackenzie, Henk Heijnis, Patricia Gadd, Patrick Moss, James Shulmeister**
Geochemical investigation of the South Wellesley Island wetlands: Insight into wetland development during the Holocene in tropical northern Australia
The Holocene 2017, Vol. 27(4) 566-578 [\[Link\]](#)

- SR-17-109 Broxton W Bird, Yanbin Lei, Melanie Perello, Pratigya J Polissar, Tandong Yao, Bruce Finney, Daniel Bain, David Pompeani, Lonnie G Thompson**
Late-Holocene Indian summer monsoon variability revealed from a 3300-year-long lake sediment record from Nir'pa Co, southeastern Tibet
The Holocene 2017, Vol. 27(4) 541-552 [\[Link\]](#)
- SR-17-110 J. TIBBY, C. BARR, J. C. MARSHALL, G. B. MCGREGOR, P. T. MOSS, L. J. ARNOLD, T. J. PAGE, D. QUESTIAUX, J. OLLEY, J. KEMP, N. SPOONER, L. PETHERICK, D. PENNY, S. MOONEY, E. MOSS**
Persistence of wetlands on North Stradbroke Island (south-east Queensland, Australia) during the last glacial cycle: implications for Quaternary science and biogeography
JOURNAL OF QUATERNARY SCIENCE (2017) 32(6) 770–781 [\[Link\]](#)
- SR-17-111 Florian Ott, Mateusz Kramkowski, Sabine Wulf, Birgit Plessen, Johanna Serb, Rik Tjallingii, Markus Schwab, Michał Słowiński, Dariusz Brykała, Sebastian Tyszkowski, Victoria Putyrskaya, Oona Appelt, Mirosław Błaszczewicz, Achim Brauer**
Site-specific sediment responses to climate change during the last 140 years in three varved lakes in Northern Poland
The Holocene 1-14, DOI: 10.1177/0959683617729448 [\[Link\]](#)
- SR-17-112 Andrew B. Cundy, Ian W. Croudace**
The Fate of Contaminants and Stable Pb Isotopes in a Changing Estuarine Environment: 20 Years On
Environ. Sci. Technol. 2017, 51, 9488–9497 [\[Link\]](#)
- SR-17-113 Karine Bertrand, Landis Hare**
Evaluating Benthic Recovery Decades after a Major Oil Spill in the Laurentian Great Lakes
Environ. Sci. Technol. 2017, 51, 9561–9568 [\[Link\]](#)
- SR-17-114 MARIEKE AHLBORN, TORSTEN HABERZETTL, JUNBO WANG, KAROLINE HENKEL, THOMAS KASPER, GERHARD DAUT, LIPING ZHU, ROLAND MAUSBACHER**
Synchronous pattern of moisture availability on the southern Tibetan Plateau since 17.5 cal. ka BP – the Tangra Yumco lake sediment record
Boreas, Volume 46, Issue 2, April 2017, Pages 229–241 [\[Link\]](#)
- SR-17-115 MARIUS W. BUECHI, STEPHAN M. FRANK, HANS RUDOLF GRAF, JOHN MENZIES, FLAVIO S. ANSELMETTI**
Subglacial emplacement of tills and meltwater deposits at the base of overdeepened bedrock troughs
Sedimentology (2017) 64, 658–685 [\[Link\]](#)
- SR-17-116 M. L. Chipman, F. S. Hu**
Linkages among climate, fire, and thermo-erosion in Alaskan tundra over the past three millennia
Journal of Geophysical Research: Biogeosciences, 122, 3362–3377. [\[Link\]](#)
- SR-17-117 Valerie Menke, Werner Ehrmann, Yvonne Milker, Svaartje Brzelinski, Jürgen Möbius, Uwe Mikolajewicz, Bernd Zolitschka, Karin Zonneveld, Kay Christian Emeis, Gerhard Schmiedl**
Combined North Atlantic and anthropogenic forcing of changes in the marine environments in the Gulf of Taranto (Italy) during the last millennium
Clim. Past Discuss., <https://doi.org/10.5194/cp-2017-139> [\[Link\]](#)
- SR-17-118 Sebastian Eggenberger, Erika Gobet, Jacqueline F. N. van Leeuwen, Christoph Schwörer, Willem O. van der Knaap, Han F. van Dobben, Hendrik Vogel, Willy Tinner, Claire M. C. Rambeau**
Millennial multi-proxy reconstruction of oasis dynamics in Jordan, by the Dead Sea
Vegetation History and Archaeobotany <https://doi.org/10.1007/s00334-017-0663-6> [\[Link\]](#)
- SR-17-119 KATHARINA HAUSLER, MATTHIAS MOROS, LUKAS WACKER, LARS HAMMERSCHMIDT, OLAF DELLWIG, THOMAS LEIPE, AARNO KOTILAINEN, HELGE W. ARZ**
Mid- to late Holocene environmental separation of the northern and central Baltic Sea basins in response to differential land uplift
Boras, Volume 46, Issue 1, January 2017, Pages 111–128 [\[Link\]](#)
- SR-17-120 Jack Longman, Daniel Veres, Vasile Ersek, Ulrich Salzmann, Katalin Hubay, Marc Bormann, Volker Wennrich, Frank Schäbitz**
Periodic input of dust over the Eastern Carpathians during the Holocene linked with Saharan desertification and human impact
Clim. Past, 13, 897–917, 2017 [\[Link\]](#)
- SR-17-121 J. J. Kelleway, N. Saintilan, P. I. Macreadie, J. A. Baldock, H. Heijnis, A. Zawadzki, P. Gadd, G. Jacobsen, P. J. Ralph**
Geochemical analyses reveal the importance of environmental history for blue carbon sequestration
J. Geophys. Res. Biogeosci., 122, 1789–1805, doi:10.1002/2017JG003775. [\[Link\]](#)
- SR-17-122 L. B. LEVY, N. K. LARSEN, T. A. DAVIDSON, A. STRUNK, J. OLSEN, E. JEPPESEN**
Contrasting evidence of Holocene ice margin retreat, south-western Greenland
JOURNAL OF QUATERNARY SCIENCE (2017) 32(5) 604–616 [\[Link\]](#)
- SR-17-123 A. Lichtschlag, M. Cevatoglu, D.P. Connelly, R.H. James, J.M. Bull**
Increased fluid flow activity in shallow sediments at the 3-km long Hugin Fracture in the Central North Sea
Geochemistry, Geophysics, Geosystems, 20. <https://doi.org/10.1002/2017GC007181> [\[Link\]](#)

- SR-17-124 HENRIK SWARD , MATTO REGAN, SVANTE BJORCK, SARAH L. GREENWOOD, MALIN E. KYLANDER, CARL-MAGNUS MORTH, CHRISTOF PEARCE, MARTIN JAKOBSSON**
A chronology of environmental changes in the Lake V€ attern basin from deglaciation to its final isolation
Boreas, DOI 10.1111/bor.12288 [\[Link\]](#)
- SR-17-125 Linsen Dong, Yanguang Liu, Xuefa Shi, Leonid Polyak, Yuanhui Huang, Xisheng Fang, Jianxing Liu, Jianjun Zou, Kunshan Wang, Fuqiang Sun, Xuchen Wang**
Sedimentary record from the Canada Basin, Arctic Ocean: implications for late to middle Pleistocene glacial history
Clim. Past, 13, 511–531, 2017 [\[Link\]](#)
- SR-17-126 Yin Lu, Nicolas Waldmann, G. Ian Alsop, Shmuel Marco**
Interpreting Soft Sediment Deformation and Mass Transport Deposits as Seismites in the Dead Sea Depocenter
J of Geophysical Research, Solid Earth 122, 8305–8325 [\[Link\]](#)
- SR-17-127 Matt O'Regan, Jan Backman, Natalia Barrientos, Thomas M. Cronin, Laura Gemery, Nina Kirchner, Larry A. Mayer, Johan Nilsson, Riko Noormets, Christof Pearce, Igor Semiletov, Christian Stranne, Martin Jakobsson**
The De Long Trough: a newly discovered glacial trough on the East Siberian continental margin
Clim. Past, 13, 1269–1284, 2017 [\[Link\]](#)
- SR-17-128 MATTHIAS MOROS, THORBJØRN J. ANDERSEN, DETLEF SCHULZ-BULL, KATHARINA HAUSLER, DENNIS BUNKE, IAN SNOWBALL, AARNO KOTILAINEN, LOVISA ZILLEN, JØRN B. JENSEN, KAROLINE KABEL, INES HAND, THOMAS LEIPE, BRYAN C. LOUGHEED, BERND WAGNER, HELGE W. ARZ**
Towards an event stratigraphy for Baltic Sea sediments deposited since AD 1900: approaches and challenges
Boreas, Volume 46, Issue 1, January 2017 Pages 129–142 [\[Link\]](#)
- SR-17-129 H. STEWART, T. BRADWELL, J. BULLARD, S. J. DAVIES, N. GOLLEDGE, R. D. MCCULLOCH**
8000 years of North Atlantic storminess reconstructed from a Scottish peat record: implications for Holocene atmospheric circulation patterns in Western Europe
JOURNAL OF QUATERNARY SCIENCE (2017) 32(8) 1075–1084 [\[Link\]](#)
- SR-17-130 Daniel Palchan, Ina Neugebauer, Yael Amitai, Nicolas D. Waldmann, Markus J. Schwab, Peter Dulski, Achim Brauer, Mordechai Stein, Yigal Erel, Yehouda Enze**
North Atlantic controlled depositional cycles in MIS 5e layered sediments from the deep Dead Sea basin
Quaternary Research (2017), 87, 168–179. [\[Link\]](#)
- SR-17-131 Elana L. Leithold, Karl W. Wegmann, Delwayne R. Bohnenstiehl, Stephen G. Smith, Anders Noren, Ryan O'Grady**
Slope failures within and upstream of Lake Quinault, Washington, as uneven responses to Holocene earthquakes along the Cascadia subduction zone
Quaternary Research (2017), 1–23 [\[Link\]](#)
- SR-17-132 Daniel R. Miller, Isla S. Castaneda, Raymond S. Bradley, Dana MacDonald**
Local and regional wildfire activity in central Maine (USA) during the past 900 years
J Paleolimnol DOI 10.1007/s10933-017-0002-z [\[Link\]](#)
- SR-17-133 William D. Orsi, Marco J. L. Coolen, Cornelia Wuchter, Lijun He, Kuldeep D. More, Xabier Irigoien, Guillem Chust, Carl Johnson, Jordon D. Hemingway, Mitchell Lee, Valier Galy, Liviu Giosan**
Climate oscillations reflected within the microbiome of Arabian Sea sediments
Scientific Reports volume 7, Article number: 6040 (2017) [\[Link\]](#)
- SR-17-134 P. Roeser, M.-P. Ledru, N. Thouveny, K. Tachikawa, F. Rostek, M. Garcia, U. Struck, A. Sawakuchi, C. Favier, E. Bard**
Deposition modes in the peatland and paleo-lake Colônia (São Paulo, SE / Brazil) since the last interglacial based on clr-biplots and principal component analysis of sediment geochemistry data
CoDaWork 2017 — Abbadia San Salvatore [\[Link\]](#)
- SR-17-135 Matthew Peros, Shawn Collins, Eduard Reinhardt, Felipe Matos Pupo**
Multistage 8.2 kyr event revealed through high-resolution XRF core scanning of Cuban sinkhole sediments
Geophys. Res. Lett., 44, 7374–7381, [\[Link\]](#)
- SR-17-136 WILLIAM PHILIPPS, JASON P. BRINER, OLE BENNIKE, AVRIEL SCHWEINSBERG, CASEY BEEL, NATHANIEL LIFTON**
Earliest Holocene deglaciation of the central Uummannaq Fjord system, West Greenland
Boreas, DOI 10.1111/bor.12270 [\[Link\]](#)
- SR-17-137 Sergey A. Gorbarenko, Xuefa Shi, Galina Yu. Malakhova, Aleksandr A. Bosin, Jianjun Zou, Yanguang Liu, Min-Te Chen**
Centennial to millennial climate variability in the far northwestern Pacific (off Kamchatka) and its linkage to the East Asian monsoon and North Atlantic from the Last Glacial Maximum to the early Holocene
Clim. Past, 13, 1063–1080, 2017 [\[Link\]](#)

SR-17-138 Jin Zhangdong, Wang Xiaqing, Zhang Xinbao, Xiao Jun, Zhang Fei

Soil erosion recorded by deposition couplets in landslide-dammed reservoirs on the Chinese Loess Plateau and its regional difference

第四纪研究 2017, Vol.37 Issue (6): 1161-1171

[\[Link\]](#)

[\[Link\]](#)

- SR-18-01** Ludvig Löwemark, Menno Bloemsmas, Ian Croudace, J. Stephen Daly, Robin J. Edwards, Pierre Francus, Jennifer M. Galloway, Braden R.B. Gregory, Jyh-Jaan Steven Huang, Anna F. Jones, Malin Kylander, Ludvig Löwemark, Yangbing Luo, Suzanne Maclachlan, Christian Ohlendorf, R. G. Reinhardt, Christian Stranne, Rik Tjallingii, Jonathan N. Turner
Practical guidelines and recent advances in the Itrax XRF core-scanning procedure
Quaternary International, vol 514, p16-29 (1019) [\[Link\]](#)
- SR-18-02** Patricia Gadd, Karthik Gopi, Jesmond Sammut, Neil Saintilan, Jagoda Crawford, Debashish Mazumder
Itrax micro X-ray fluorescence (μ XRF) for soft biological tissues
MethodsX, Volume 5, 2018, Pages 1267-1271 [\[Link\]](#)
- SR-18-03** Heather A. Haines, Patricia S. Gadd, Jonathan Palmer, Jon M. Olley, Quan Hua, Henk Heijnis
A new method for dating tree-rings in trees with faint, indeterminate ring boundaries using the Itrax core scanner
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 497, 15 May 2018, Pages 234-243 [\[Link\]](#)
- SR-18-04** Braden R.B. Gregory, R. Timothy Patterson, Eduard G. Reinhardt, Jennifer M. Galloway, Helen M. Roe
An evaluation of methodologies for calibrating Itrax X-ray fluorescence counts with ICP-MS concentration data for discrete sediment samples
Chemical Geology, Volume 521, 5 September 2019, Pages 12-27 (SR-19-165) [\[Link\]](#)
- SR-18-05** Avriel D. Schweinsberg, Jason P. Briner, Gifford H. Miller, Nathaniel A. Lifton, Ole Bennike, Brandon L. Graham
Holocene mountain glacier history in the Sukkertoppen Iskappe area, southwest Greenland
Quaternary Science Reviews, Volume 197, 1 October 2018, Pages 142-161 [\[Link\]](#)
- SR-18-06** Anna F. Jones, Jonathan N. Turner, J. Stephen Daly, Pierre Francus, Robin J. Edwards
Signal-to-noise ratios, instrument parameters and repeatability of Itrax XRF core scan measurements of floodplain sediments
Quaternary International, vol 514, p44-54 (1019) [\[Link\]](#)
- SR-18-07** Shaun Williams
Tsunami Elemental Signatures in the Samoan Islands: A Case Study
Intechopen, DOI: 10.5772/intechopen.85639 [\[Link\]](#)
- SR-18-08** Ian W. Croudace, Phillip A. Teasdale, Andrew B. Cundy
200-year industrial archaeological record preserved in an Isle of Man saltmarsh sediment sequence: Geochemical and radiochronological evidence
Quaternary International, vol 514, p195-203 (1019) [\[Link\]](#)
- SR-18-09** A.E. López Pérez, D. Rey, V. Martins, M. Plaza-Morlote, B. Rubio
Application of multivariate statistical analyses to ItraxTM core scanner data for the identification of deep-marine sedimentary facies: A case study in the Galician Continental Margin
Quaternary International, vol 514, p152-161 (1019) [\[Link\]](#)
- SR-18-10** Colin R. Ward, Sarah J. Kelloway, David French, Irene E. Wainwright, Christopher Marjo, David R. Cohen
Profiling of inorganic elements in coal seams using laboratory-based core scanning X-ray fluorescence techniques
International Journal of Coal Geology, Volume 191, 15 April 2018, Pages 158-171 [\[Link\]](#)
- SR-18-11** J. Goff, K. Goto, C. Chagué, M. Watanabe, P.S. Gadd, D.N. King
New Zealand's most easterly palaeotsunami deposit confirms evidence for major trans-Pacific event
Marine Geology, Volume 404, 1 October 2018, Pages 158-173 [\[Link\]](#)
- SR-18-12** Nick Croxton, Stephen Burns, Pete Dawson, J. Michael Rhodes, Kaylee Brent, David McGee, Henk Heijnis, Patricia Gadd, Wahyo Hantoro, Mike Gagan
Rapid measurement of strontium in speleothems using core-scanning micro X-ray fluorescence
Chemical Geology, Volume 487, 25 May 2018, Pages 12-22 [\[Link\]](#)
- SR-18-13** Jörn Profe, Christian Ohlendorf
X-ray fluorescence scanning of discrete samples – An economical perspective
Quaternary International, vol 514, p68-75 (1019) (SR-19-171) [\[Link\]](#)
- SR-18-14** Carl Regnéll, Hafliði Hafliðason, Jan Mangerud, John Inge Svendsen
Glacial and climate history of the last 24 000 years in the Polar Ural Mountains, Arctic Russia, inferred from partly varved lake sediments
Boreas Volume 48, Issue 2 [\[Link\]](#)
- SR-18-15** Leonie Peti, Paul C. Augustinus, Patricia S. Gadd, Sarah J. Davies
Towards characterising rhyolitic tephra layers from New Zealand with rapid, non-destructive μ -XRF core scanning
Quaternary International, vol 514, p161-172 (1019) [\[Link\]](#)
- SR-18-16** Astrid Strunk, Nicolaj K. Larsen, Andreas Nilsson, Marit-Solveig Seidenkrantz, Laura B. Levy, Jesper Olsen, Torben L. Lauridsen
Relative Sea-Level Changes and Ice Sheet History in Finderup Land, North Greenland
Frontiers in Earth Science, doi: 10.3389/feart.2018.00129 [\[Link\]](#)

- SR-18-17** Riley E. Steele, Nawaf A. Nasser, R. Timothy Patterson, Braden R. B. Gregory, Helen M. Roe, Eduard G. Reinhardt
An Assessment of Sub-Meter Scale Spatial Variability of Arcellinida (Testate Lobose Amoebae) Assemblages in a Temperate Lake: Implications for Limnological Studies
Microbial Ecology, October 2018, Volume 76, Issue 3, pp 680–694 [\[Link\]](#)
- SR-18-18** Qiang Fang, Huaichun Wu, Linda A. Hinnov, Wenqian Tian, Xunlian Wang, Tianshui Yang, Haiyan Li, Shihong Zhang
Abiotic and biotic responses to Milankovitch-forced megamonsoon and glacial cycles recorded in South China at the end of the Late Paleozoic Ice Age
Global and Planetary Change, Volume 163, April 2018, Pages 97-108 [\[Link\]](#)
- SR-18-19** Queenie Chang, Jian-Cheng Lee, Jyh-Jaan Hunag, Kuo-Yen Wei, Yue-Gau Chen, Timothy B. Byrne
Identifying the source of fluvial terrace deposits using XRF scanning and Canonical Discriminant Analysis: A case study of the Chihshang terraces, eastern Taiwan
Geomorphology, Volume 308, 1 May 2018, Pages 204-214 [\[Link\]](#)
- SR-18-20** Iliya Bauchi Danladi, Sena Akçer-Ön
Solar forcing and climate variability during the past millennium as recorded in a high altitude lake: Lake Salda (SW Anatolia)
Quaternary International, Volume 486, 30 August 2018, Pages 185-198 [\[Link\]](#)
- SR-18-21** Kate J. Brandis, Phoebe J. B. Meagher, Lydia J. Tong, Michelle Shaw, Debashish Mazumder, Patricia Gadd, Daniel Ramp
Novel detection of provenance in the illegal wildlife trade using elemental data
Nature, Scientific Reports volume 8, Article number: 15380 (2018) [\[Link\]](#)
- SR-18-22** Ayush Raj Gyawali, Junbo Wang, Qingfeng Ma, Yong Wang, Teng Xu, Yun Guo, Liping Zhu
Paleo-environmental change since the Late Glacial inferred from lacustrine sediment in Selin Co, central Tibet
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 516, 15 February 2019, Pages 101-112 [\[Link\]](#)
- SR-18-23** Shaun Williams, Tianran Zhang, Catherine Chagué, James Williams, James Goff, Emily M. Lane, Jochen Bind, Ilyas Qasim, Kristie-Lee Thomas, Christof Mueller, Sam Hampton, Josh Borella
Sedimentary and geochemical signature of the 2016 Kaikōura Tsunami at Little Pigeon Bay: A depositional benchmark for the Banks Peninsula region, New Zealand
Sedimentary Geology, Volume 369, July 2018, Pages 60-70 [\[Link\]](#)
- SR-18-24** Joshua Ratcliffe, Roxane Andersen, Russell Anderson, Anthony Newton, David Campbell, Dmitri Mauquoy, Richard Payne
Contemporary carbon fluxes do not reflect the long-term carbon balance for an Atlantic blanket bog
The Holocene, Vol 28, Issue 1, 2018 [\[Link\]](#)
- SR-18-25** Isaac J. Smith, Bridget Y. Lynne, Cheryl Jaworowski, Ilyas Qasim, Henry Heasler, Duncan Foley
The formation of geyser eggs at Old Faithful Geyser, Yellowstone National Park, U.S.A.
Geothermics, Volume 75, September 2018, Pages 105-121 [\[Link\]](#)
- SR-18-26** Alexandros Emmanouilidis, Christos Katrantsiotis, Elin Norström, Jan Risberg, Malin Kylander, Taariq Ali Sheik, George Iliopoulos, Pavlos Avramidis
Middle to late Holocene palaeoenvironmental study of Gialova Lagoon, SW Peloponnese, Greece
Quaternary International, Volume 476, 20 May 2018, Pages 46-62 [\[Link\]](#)
- SR-18-27** Matt O'Regan, Helen K. Coxall, Thomas M. Cronin, Richard Gyllencreutz, Martin Jakobsson, Stefanie Kaboth, Ludvig Löwemark, Steffen Wiers, Gabriel West
Stratigraphic Occurrences of Sub-Polar Planktic Foraminifera in Pleistocene Sediments on the Lomonosov Ridge, Arctic Ocean
Front. Earth Sci., 09 April 2019 | <https://doi.org/10.3389/feart.2019.00071> [\[Link\]](#)
- SR-18-28** Kassandra M. Costa, Robert F. Anderson, Jerry F. McManus, Gisela Winckler, Jennifer L. Middleton, Charles H. Langmuir
Trace element (Mn, Zn, Ni, V) and authigenic uranium (aU) geochemistry reveal sedimentary redox history on the Juan de Fuca Ridge, North Pacific Ocean
Geochimica et Cosmochimica Acta, Volume 236, 1 September 2018, Pages 79-98 [\[Link\]](#)
- SR-18-29** An-Sheng Lee, Jyh-Jaan Steven Huang, George Burr, Li ChengKao, Kuo-Yen Wei, Sofia Ya Hsuan Liou
High resolution record of heavy metals from estuary sediments of Nankan River (Taiwan) assessed by rigorous multivariate statistical analysis
Quaternary International, vol 514, p1-4 (1019) (SR-19-13) [\[Link\]](#)
- SR-18-30** Graeme T. Swindles, Jennifer M. Galloway, Andrew L. Macumber, Ian W. Croudace, Andy R. Emery, Clare Woulds, Mark D. Bateman, Lauren Parry, Julie M. Jones, Katherine Selby, Greg T. Rushby, Andy J. Baird, Sarah A. Woodroffe, Natasha L.M. Barlow
Sedimentary records of coastal storm surges: Evidence of the 1953 North Sea event
Marine Geology, Volume 403, 1 September 2018, Pages 262-270 [\[Link\]](#)

- SR-18-31 C.A. Woodward, P.S. Gadd**
The potential power and pitfalls of using the X-ray fluorescence molybdenum incoherent: Coherent scattering ratio as a proxy for sediment organic content
Quaternary International, vol 514, p30-43 (2019) [\[Link\]](#)
- SR-18-32 Lukas W.M. Becker, Hans Petter Sejrup, Berit O. Hjelstuen, Hafliði Hafliðason, Trond M. Dokken**
Ocean-ice sheet interaction along the SE Nordic Seas margin from 35 to 15 ka BP
Marine Geology, Volume 402, 1 August 2018, Pages 99-117 [\[Link\]](#)
- SR-18-33 Henry F. Lamb, C. Richard Bates, Charlotte L. Bryant, Sarah J. Davies, Dei G. Huws, Michael H. Marshall, Helen M. Roberts, Harry Toland**
150,000-year palaeoclimate record from northern Ethiopia supports early, multiple dispersals of modern humans from Africa
Nature, Scientific Reports volume 8, Article number: 1077 (2018) [\[Link\]](#)
- SR-18-34 李东, 谭亮成, 郭飞, 蔡演军, 孙有斌, 薛刚, 成星, 晏宏, 程海, R. Lawrence EDWARDS, 高永利, Jessica KELLEY**
Avaatech XRF岩芯扫描分析方法在石笋Sr/Ca测试中的应用
SCIENTIA SINICA Terrae, Volume 49, Issue 6: 1014-1023(2019) [\[Link\]](#)
- SR-18-35 Jyh-Jaan Steven Huang, Kuo-Yen Wei, Ludvig Löwemark, Sheng-Rong Song, Chih-Kai Chuang, Tien-Nan Yang, Meng-Yang Lee, Yu-Be Chen, Chorng-Shern Horng, Kuo-Hang Chen, Teh-Quei Lee**
What caused the cultural hiatus in the Iron-Age Kiwulan Site, northeastern Taiwan?
Quaternary International, vol 514, p186-194 (2019) (SR-19-179) [\[Link\]](#)
- SR-18-36 Obinna P. Nzekwe, Pierre Francus, Guillaume St-Onge, Patrick Lajeunesse, David Fortin, Antoine Gagnon-Poiré, Édouard G.H. Philippe, Alexandre Normandeau**
Recent sedimentation in three adjacent fjord-lakes on the Québec North Shore (eastern Canada): facies analysis, laminae preservation, and potential for varve formation
Canadian Journal of Earth Sciences, Volume 55, Number 2, February 2018 [\[Link\]](#)
- SR-18-37 Zhanhong Liu, Chunju Huang, Thomas J. Algeo, Huimin Liu, Yunqing Hao, Xuebin Du, Yongchao Lu, Ping Chen, Laiyuan Guo, Li Peng**
High-resolution astrochronological record for the Paleocene-Oligocene (66–23 Ma) from the rapidly subsiding Bohai Bay Basin, northeastern China
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 510, 1 December 2018, Pages 78-92 [\[Link\]](#)
- SR-18-38 Tobias Schneider, Henrietta Hampel, Pablo V. Mosquera, Wojciech Tylmann, Martin Grosjean**
Paleo-ENSO revisited: Ecuadorian Lake Pallcacocha does not reveal a conclusive El Niño signal
Global and Planetary Change, Volume 168, September 2018, Pages 54-66 [\[Link\]](#)
- SR-18-39 Christopher Berndt, Peter Frenzel, Attila Çiner**
Intraspecific Length Variation and Shell Thickness of the Ostracod *Cyprideis torosa* (Jones, 1850) as a Potential Tool for Palaeosalinity Characterization
Geosciences 2019, 9(2), 83; <https://doi.org/10.3390/geosciences9020083> [\[Link\]](#)
- SR-18-40 Gregory A. de Wet, Nicholas L. Balascio, William J. D'Andrea, Jostein Bakke, Raymond S. Bradley, Bianca Perren**
Holocene glacier activity reconstructed from proglacial lake Gjøvatnet on Amsterdamøya, NW Svalbard
Quaternary Science Reviews, Volume 183, 1 March 2018, Pages 188-203 [\[Link\]](#)
- SR-18-41 Marco-Barba J., Burjachs F., Reed J.M., Santisteban C., Usera J.M., Alberola C., Expósito I., Guillem J., Patchett F., Vicente E., Mesquita-Joanes F., Miracle M.R.**
Mid-Holocene and historical palaeoecology of the Albufera de València coastal lagoon
Limnetica, 38(1): 353-389 (2019). DOI: 10.23818/limn.38.22 [\[Link\]](#)
- SR-18-42 R.C. Chiverrell, D.A. Sear, J. Warburton, N. Macdonald, D.N. Schillereff, J.A. Dearing, I.W. Croudace, J. Brown, J. Bradley**
Using lake sediment archives to improve understanding of flood magnitude and frequency: recent extreme flooding in northwest UK
Earth Surface Processes and Landforms, First published: 17 May 2019 <https://doi.org/10.1002/esp.4650> [\[Link\]](#)
- SR-18-43 J. James Fielding, Alan E.S. Kemp, Jonathan M. Bull, Carol J. Cotterill, Richard B. Pearce, Rachael S. Avery, Peter G. Langdon, Ian W. Croudace**
Palaeoseismology from microfabric and geochemical analysis of lacustrine sediments, Windermere, UK
Journal of the Geological Society (2018) 175 (6): 903-914 [\[Link\]](#)
- SR-18-44 Jack Longman, Daniel Veres, Volker Wennrich**
Utilisation of XRF core scanning on peat and other highly organic sediments
Quaternary International, Available online 18 October 2018 [\[Link\]](#)
- SR-18-45 Ian C. Fuller, Mark G. Macklin, Willem H.J. Toonen, Katherine A. Holt**
Storm-generated Holocene and historical floods in the Manawatu River, New Zealand
Geomorphology, Volume 310, 1 June 2018, Pages 102-124 [\[Link\]](#)

- SR-18-46 C.A. Woodward, A. Sleec, P. Gadd, A. Zawadzki, H. Hamze, A. Parmar, D. Zahra**
The role of earthquakes and climate in the formation of diamictic sediments in a New Zealand mountain lake
Quaternary International, Volume 470, Part A, 15 March 2018, Pages 130-147 [\[Link\]](#)
- SR-18-47 Özlem Bulkan, M. Namık Yalçın, Heinz Wilkes**
Geochemistry of Marmara Lake sediments - Implications for Holocene environmental changes in Western Turkey
Quaternary International, Volume 486, 30 August 2018, Pages 199-214 [\[Link\]](#)
- SR-18-48 N. Marriner, D. Kaniewski, T. Gambin, B. Gambin, B. Vanni re, C. Morhange, M. Djamali, K. Tachikawa, V. Robin, D. Rius, E. Bard**
Fire as a motor of rapid environmental degradation during the earliest peopling of Malta 7500 years ago
Quaternary Science Reviews, Volume 212, 15 May 2019, Pages 199-205 [\[Link\]](#)
- SR-18-49 Matt Law**
Holocene book review: The Gwithian Landscape: Molluscs and Archaeology on Cornish Sand Dunes
The Holocene, Vol 28, Issue 10, 2018, p1680-1681,
<https://doi.org/10.1177/0959683618787593> [\[Link\]](#)
- SR-18-50 Ben M. Pelto, Beth E. Caissie, Steven T. Petsch, Julie Brigham-Grette**
Oceanographic and Climatic Change in the Bering Sea, Last Glacial Maximum to Holocene
AGU Publications, RESEARCH ARTICLE, 10.1002/2017PA003265 [\[Link\]](#)
- SR-18-51 Stefanie Kaboth-Bahr, Vianney Denis, Chih-Chieh Su, Matt O'Regan, Richard Gyllencreutz, Martin Jakobsson, Ludvig L wemark**
Deciphering ~45.000 years of Arctic Ocean lithostratigraphic variability through multivariate statistical analysis
Quaternary International, vol 514, p141-151 (2019) (SR-19-185) [\[Link\]](#)
- SR-18-52 Leo Rothacker, Anthony Dosseto, Alexander Francke, Allan R. Chivas, Nathalie Vigier, Anna M. Kotarba-Morley, Davide Menozzi**
Impact of climate change and human activity on soil landscapes over the past 12,300 years
Nature, Scientific Reports 8, Article number: 247 (2018) [\[Link\]](#)
- SR-18-53 J rn Profe, Lena Neumann,  gnes Novothny, Gabriella Bartad, Christian Rolf, Manfred Frechen, Christian Ohlendorf, Bernd Zolitschka**
Paleoenvironmental conditions and sedimentation dynamics in Central Europe inferred from geochemical data of the loess-paleosol sequence at S tt  (Hungary)
Quaternary Science Reviews, Volume 196, 15 September 2018, Pages 21-37 [\[Link\]](#)
- SR-18-54 Michael Toomey, Meagan Cantwell, Steven Colman, Thomas Cronin, Jeffrey Donnelly, Liviu Giosan, Clifford Heil, Robert Korty, Marci Marot, Debra Willard**
The Mighty Susquehanna—Extreme Floods in Eastern North America During the Past Two Millennia
Geophysical Research Letters, Volume 46, Issue 6, 28 March 2019, Pages 3398-3407 [\[Link\]](#)
- SR-18-55 Gordon Schlolaut, Richard A. Staff, Achim Brauer, Henry F. Lamb, Michael H. Marshall, Christopher Bronk Ramsey, Takeshi Nakagawa**
An extended and revised Lake Suigetsu varve chronology from ~50 to ~10 ka BP based on detailed sediment micro-facies analyses
Quaternary Science Reviews, Volume 200, 15 November 2018, Pages 351-366 [\[Link\]](#)
- SR-18-56 Jiying Li, Erik T. Brown, Sean A. Crowe, Sergei Katsev**
Sediment geochemistry and contributions to carbon and nutrient cycling in a deep meromictic tropical lake: Lake Malawi (East Africa)
Journal of Great Lakes Research, Volume 44, Issue 6, December 2018, Pages 1221-1234 [\[Link\]](#)
- SR-18-57 Krzysztof Pleskot, Rik Tjallingii, Miros law Makohonienko, Norbert Nowaczyk, Witold Szczuciński**
Holocene paleohydrological reconstruction of Lake Strzeszyńskie (western Poland) and its implications for the central European climatic transition zone
Journal of Paleolimnology, April 2018, Volume 59, Issue 4, pp 443–459 [\[Link\]](#)
- SR-18-58 Maurycy  arczyński, Wojciech Tylmann, Tomasz Goslar**
Multiple varve chronologies for the last 2000 years from the sediments of Lake  abińskie (northeastern Poland) – Comparison of strategies for varve counting and uncertainty estimations
Quaternary Geochronology, Volume 47, August 2018, Pages 107-119 [\[Link\]](#)
- SR-18-59 Jiying Li, Yishu Zhang, Sergei Katsev**
Phosphorus recycling in deeply oxygenated sediments in Lake Superior controlled by organic matter mineralization
Limnology and Oceanography, 16 February 2018 <https://doi.org/10.1002/lno.10778> [\[Link\]](#)
- SR-18-60 Kuldeep D. More, William D. Orsic, Valier Galy, Liviu Giosan, Lijun He, Kliti Grice, Marco J.L. Coolen**
A 43 kyr record of protist communities and their response to oxygen minimum zone variability in the Northeastern Arabian Sea
Earth and Planetary Science Letters, Volume 496, 15 August 2018, Pages 248-256 [\[Link\]](#)

- SR-18-61 Z. Bora Ön, Sena Akçer-Ön, M. Sinan Özeren, K. Kadir Eriş, Alan M. Greaves, M. Namık Çağatay**
Climate proxies for the last 17.3 ka from Lake Hazar (Eastern Anatolia), extracted by independent component analysis of μ -XRF data
Quaternary International, Volume 486, 30 August 2018, Pages 17-28 [\[Link\]](#)
- SR-18-62 Catherine Chagué, Daisuke Sugawar, Kazuhisa Goto, James Goff, Walter Dudley, Patricia Gadd**
Geological evidence and sediment transport modelling for the 1946 and 1960 tsunamis in Shinmachi, Hilo, Hawaii
Sedimentary Geology, Volume 364, February 2018, Pages 319-333 [\[Link\]](#)
- SR-18-63 Michael Fritz, Ingmar Unkel, Josefine Lenz, Konrad Gajewski, Peter Frenzel, Nathalie Paquette, Hugues Lantuit, Lisa Körte, Sebastian Wetterich**
Regional environmental change versus local signal preservation in Holocene thermokarst lake sediments: A case study from Herschel Island, Yukon (Canada)
Journal of Paleolimnology, June 2018, Volume 60, Issue 1, pp 77–96 [\[Link\]](#)
- SR-18-64 Michael-Shawn Fletcher, Alexa Benson, David M.J.S. Bowman, Patricia S. Gadd, Hendrik Heijnis, Michela Mariani, Krystyna M. Saunders, Brent B. Wolfe, Atun Zawadzki**
Centennial-scale trends in the Southern Annular Mode revealed by hemisphere-wide fire and hydroclimatic trends over the past 2400 years
Geology (2018) 46 (4): 363-366 [\[Link\]](#)
- SR-18-65 Finn A. Viehberg, Janna Just, Jonathan R. Dean, Bernd Wagner, Sven Oliver Franz, Nicole Klasen, Thomas Kleinen, Patrick Ludwig, Asfawossen Asrat, Henry F. Lamb, Melanie J. Leng, Janet Rethemeyer, Antoni E. Milodowski, Martin Claussen, FrankSchäbitz**
Environmental change during MIS4 and MIS 3 opened corridors in the Horn of Africa for Homo sapiens expansion
Quaternary Science Reviews, Volume 202, 15 December 2018, Pages 139-153 [\[Link\]](#)
- SR-18-66 Tabea Schröder, Jasmijn van't Hoff, José Eugenio Ortiz, Trinidad J. de Torres Pèrez-Hidalgo, José Antonio, López-Sáez, Martin Melles, Anja Holzhausen, Volker Wennrich, Finn Viehberg, Klaus Reicherter**
Shallow hypersaline lakes as paleoclimate archives: A case study from the Laguna Salada, Málaga province, southern Spain
Quaternary International, Volume 485, 20 August 2018, Pages 76-88 [\[Link\]](#)
- SR-18-67 O. Fransner, R. Noormets, T. Chauhan, M. O'Regan, M. Jakobsson**
Late Weichselian ice stream configuration and dynamics in Albertini Trough, northern Svalbard margin
Arktos, December 2018, 4:1 [\[Link\]](#)
- SR-18-68 Tabea Schröder, Jasmijn van't Hoff, José Antonio López-Sáez, Finn Viehberg, Martin Melles, Klaus Reicherter**
Holocene climatic and environmental evolution on the southwestern Iberian Peninsula: A high-resolution multi-proxy study from Lake Medina (Cádiz, SW Spain)
Quaternary Science Reviews, Volume 198, 15 October 2018, Pages 208-225 [\[Link\]](#)
- SR-18-69 Daniel R. Miller, M. Helen Habicht, Benjamin A. Keisling, Isla S. Castañeda, Raymond S. Bradley**
A 900-year New England temperature reconstruction from in situ seasonally produced branched glycerol dialkyl glycerol tetraethers (brGDGTs)
Clim. Past, 14, 1653-1667, 2018 [\[Link\]](#)
- SR-18-70 Sarah J. Davies, Sarah E. Metcalfe, Benjamin J. Aston, Roger Byrnc, Marie R. Champagne, Matthew D. Jones, Melanie J. Leng, Anders Noren**
A 6,000 year record of environmental change from the eastern Pacific margin of central Mexico
Quaternary Science Reviews, Volume 202, 15 December 2018, Pages 211-224 [\[Link\]](#)
- SR-18-71 O. Fransner, R. Noormets, A.E. Flink, K.A. Hogan, J.A. Dowdeswell**
Sedimentary processes on the continental slope off Kvitøya and Albertini troughs north of Nordaustlandet, Svalbard – The importance of structural-geological setting in trough-mouth fan development
Marine Geology, Volume 402, 1 August 2018, Pages 194-208 [\[Link\]](#)
- SR-18-72 Benjamin A. Musa Bandowe, Lea Fränkl, Martin Grosjean, Wojciech Tylmann, Pablo V. Mosquera, Henrietta Hampel, Tobias Schneider**
A 150-year record of polycyclic aromatic compound (PAC) deposition from high Andean Cajas National Park, southern Ecuador
Science of The Total Environment, Volume 621, 15 April 2018, Pages 1652-1663 [\[Link\]](#)
- SR-18-73 S.P. Obrochta, Y. Yokoyama, M. Yoshimoto, S. Yamamoto, Y. Miyairi, G. Nagano, A. Nakamura, K. Tsunematsu, L. Lamair, A. Hubert-Ferrari, B.C. Lougheed, A. Hokanishi, A. Yasuda, V.M.A. Heyvaert, M. De Batist, O. Fujiwara**
Mt. Fuji Holocene eruption history reconstructed from proximal lake sediments and high-density radiocarbon dating
Quaternary Science Reviews, Volume 200, 15 November 2018, Pages 395-405 [\[Link\]](#)
- SR-18-74 Jörn Profe, Lara Wacha, Manfred Frechen, Christian Ohlendorf, Bernd Zolitschka**
XRF scanning of discrete samples – A chemostratigraphic approach exemplified for loess-paleosol sequences from the Island of Susak, Croatia
Quaternary International, Volume 494, 20 November 2018, Pages 34-51 [\[Link\]](#)

- SR-18-75** Donald E. Canfield, Shuichang Zhang, Huajian Wang, Xiaomei Wang, Wenzhi Zhao, Jin Su, Christian J. Bjerrum, Emma R. Haxen, Emma U. Hammarlund
A Mesoproterozoic iron formation
PNAS April 24, 2018 115 (17) E3895-E3904; first published April 9, 2018 [\[Link\]](#)
- SR-18-76** Elin Norström, Caroline Bringensparr, Jennifer M Fitchett, Stefan W Grab, Johan Rydberg, Malin Kylander
Late-Holocene climate and vegetation dynamics in eastern Lesotho highlands
The Holocene, Vol 28, Issue 9, 2018 [\[Link\]](#)
- SR-18-77** Marthe Gjerde, Jostein Bakke, William J. D'Andrea, Nicholas L. Balascio, Raymond S. Bradley, Kristian Vasskog, Sædis Ólafsdóttir, Torgeir O. Røthe, Bianca B. Perren, Anne Hormes
Holocene multi-proxy environmental reconstruction from lake Hakluytvatnet, Amsterdamøya Island, Svalbard (79.5°N)
Quaternary Science Reviews, Volume 183, 1 March 2018, Pages 164-176 [\[Link\]](#)
- SR-18-78** Maria Virgínia Alves Martins, Daniel Rey, Egberto Pereira, Maider Plaza-Morlote, Emília Salgueiro, João Moreno, Wânia Duleba, Sara Ribeiro, José Francisco dos Santos, Ulisses Dardon, Ana Bernabeu, Belén Rubio, Lazaro Luiz Mattos Laut, Fabrizio Frontalini, Maria Antonieta da Conceição Rodrigues, Fernando Rocha
Influence of dominant wind patterns in a distal region of the NW Iberian Margin during the last glaciation
Journal of the Geological Society, Volume 175, Issue 2, 321-335, March 2018 [\[Link\]](#)
- SR-18-79** Willem G.M. van der Bilt, Brice Rea, Matteo Spagnolo, Desiree L. Roerdink, Steffen L. Jørgensen, Jostein Bakke
Novel sedimentological fingerprints link shifting depositional processes to Holocene climate transitions in East Greenland
Global and Planetary Change, Volume 164, May 2018, Pages 52-64 [\[Link\]](#)
- SR-18-80** A. Lintern, P. Leahy, A. Deletic, H. Heijnis, A. Zawadzki, P. Gadd, D. McCarthy
Uncertainties in historical pollution data from sedimentary records from an Australian urban floodplain lake
Journal of Hydrology, Volume 560, May 2018, Pages 560-571 [\[Link\]](#)
- SR-18-81** Kürşad Kadir Eriş, Sena Akçer Ön, M. Namık Çağatay, Umut Barış Ülgen, Zeki Bora Ön, Zülfü Gürocak, Tuğçe Nagihan Arslan, Dicle Bal Akkoca, Emre Damcı, Murat İnceöz, Özlem Öztekin Okan
Late Pleistocene to Holocene paleoenvironmental evolution of Lake Hazar, Eastern Anatolia, Turkey
Quaternary International, Volume 486, 30 August 2018, Pages 4-16 [\[Link\]](#)
- SR-18-82** Bernd Wagner, Volker Wennrich, Finn Viehberg, Annett Junginger, Anne Kolvenbach, Janet Rethemeyer, Frank Schaebitz, Gerhard Schmiedel
Holocene rainfall runoff in the central Ethiopian highlands and evolution of the River Nile drainage system as revealed from a sediment record from Lake Dendi
Global and Planetary Change, Volume 163, April 2018, Pages 29-43 [\[Link\]](#)
- SR-18-83** Samuel E. Munoz, Liviu Giosan, Matthew D. Therrell, Jonathan W. F. Remo, Zhixiong Shen, Richard M. Sullivan, Charlotte Wiman, Michelle O'Donnell, Jeffrey P. Donnelly
Climatic control of Mississippi River flood hazard amplified by river engineering
Nature volume 556, pages 95–98 (05 April 2018) [\[Link\]](#)
- SR-18-84** Daming Yang, Yongjian Huang, Wen Guo, Qinghua Huang, Yanguang Ren, Chengshan Wang
Late Santonian-early Campanian lake-level fluctuations in the Songliao Basin, NE China and their relationship to coeval eustatic changes
Cretaceous Research, Volume 92, December 2018, Pages 138-149 [\[Link\]](#)
- SR-18-85** Kristen K. Beck, Michael-Shawn Fletcher, Patricia S. Gadd, Henk Heijnis, Krystyna M. Saunders, Gavin L. Simpson, Atun Zawadzki
Variance and Rate-of-Change as Early Warning Signals for a Critical Transition in an Aquatic Ecosystem State: A Test Case From Tasmania, Australia
JGR Biogeosciences, Volume 123, Issue 2, February 2018, Pages 495-508 [\[Link\]](#)
- SR-18-86** Fan Yang, Tina Xie, Emmanuel John M Carranza, Lingyang Yang, Huan Tian, Zhijun Chen
Vertical Distribution of Major Ore-forming Elements and the Speciation in the Semiarid System above the concealed Baiyinnuoer Pb-Zn Deposit in Inner Mongolia, China
Geochemistry: Exploration, Environment, Analysis (2018) 19 (1): 46-57 [\[Link\]](#)
- SR-18-87** Jake R. Walsh, Jessica R. Corman, Samuel E. Munoz
Coupled long-term limnological data and sedimentary records reveal new control on water quality in a eutrophic lake
Limnology and Oceanography, Volume 64, Issue S1, Special Issue: Long-term Perspectives in Aquatic Research, January 2019, Pages S34-S48 [\[Link\]](#)
- SR-18-88** Özlem Makaroğlu, M. Namık Çağatay, Norbert R. Nowaczyk, Lauri J. Pesonen, Naci Orbay
Discrimination of Holocene tephra units in Lake Van using mineral magnetic analysis
Quaternary International, Volume 486, 30 August 2018, Pages 44-56 [\[Link\]](#)
- SR-18-89** Elana L. Leithold, Karl W. Wegmann, Delwayne R. Bohnenstiehl, Stephen G. Smith, Anders Noren, Ryan O'Grady
Slope failures within and upstream of Lake Quinault, Washington, as uneven responses to Holocene earthquakes along the Cascadia subduction zone
Quaternary Research, Volume 89, Issue 1, January 2018, pp. 178-200 [\[Link\]](#)

- SR-18-90 Florian Ott, Mateusz Kramkowski, Sabine Wulf, Birgit Plessen, Johanna Serb, Rik Tjallingii, Markus Schwab, Michał Słowiński, Dariusz Brykała, Sebastian Tyszkowski, Victoria Putyrskaya, Oona Appelt, Mirosław Błaszczewicz, Achim Brauer**
Site-specific sediment responses to climate change during the last 140 years in three varved lakes in Northern Poland
The Holocene Vol 28, Issue 3, 2018 [\[Link\]](#)
- SR-18-91 Liu Jiabao, Norbert R. Nowaczyk, Ute Frank, Helge W. Arz**
A 20–15 ka high-resolution paleomagnetic secular variation record from Black Sea sediments – no evidence for the ‘Hilina Pali excursion’?
Earth and Planetary Science Letters, Volume 492, 15 June 2018, Pages 174–185 [\[Link\]](#)
- SR-18-92 Kürşad Kadir Eriş, Tuğçe Nagihan Arslan, Asen Sabuncu**
Influences of Climate and Tectonic on the Middle to Late Holocene Deltaic Sedimentation in Lake Hazar, Eastern Turkey
Arabian Journal for Science and Engineering, July 2018, Volume 43, Issue 7, pp 3685–3697 [\[Link\]](#)
- SR-18-93 Morgane Surdez, Julien Beck, Dimitris Sakellariou, Hendrik Vogel, Patrizia Birchler Emery, Despina Koutsoumba, Flavio S. Anselmetti**
Flooding a landscape: impact of Holocene transgression on coastal sedimentology and underwater archaeology in Kiladha Bay (Greece)
Swiss Journal of Geosciences, October 2018, Volume 111, Issue 3, pp 573–588 [\[Link\]](#)
- SR-18-94 Tiffany J. Napier, Ingrid L. Hendy, Linda A. Hinnov, Erik T. Brown, Amelia Shevenell**
Subtropical hydroclimate during Termination V (~430-422 ka): Annual records of extreme precipitation, drought, and interannual variability from Santa Barbara Basin
Quaternary Science Reviews, Volume 191, 1 July 2018, Pages 73–88 [\[Link\]](#)
- SR-18-95 Torgeir O. Røthe, Jostein Bakke, Eivind W. N. Støren, Raymond S. Bradley**
Reconstructing Holocene Glacier and Climate Fluctuations From Lake Sediments in Vårfluesjøen, Northern Spitsbergen
Frontiers in Earth Science, doi: 10.3389/feart.2018.00091 [\[Link\]](#)
- SR-18-96 Liviu Giosan, Thet Naing, Myo Min Tun, Peter D. Clift, Florin Filip, Stefan Constantinescu, Nitesh Khonde, Jerzy Blusztajn, Jan-Pieter Buylaert, Thomas Stevens, Swe Thwin**
On the Holocene evolution of the Ayeyawady megadelta
Earth Surf. Dynam., 6, 451–466, 2018 [\[Link\]](#)
- SR-18-97 Rosine Cartier, Elodie Brisset, Frédéric Guitier, Florence Sylvestre, Kazuyo Tachikawa, Edward J. Anthony, Christine Paillès, Hélène Bruneton, Edouard Bard, Cécile Miramont**
Multiproxy analyses of Lake Allos reveal synchronicity and divergence in geosystem dynamics during the Lateglacial/Holocene in the Alps
Quaternary Science Reviews, Volume 186, 15 April 2018, Pages 60–77 [\[Link\]](#)
- SR-18-98 Henrik Swärd, Matt O'Regan, Svante Björck, Sarah L. Greenwood, Malin E. Kylander, Carl-Magnus Mörth, Christof Pearce, Martin Jakobsson**
A chronology of environmental changes in the Lake Vättern basin from deglaciation to its final isolation
Boreas, Volume 47, Issue 2, April 2018, Pages 609–624 [\[Link\]](#)
- SR-18-99 Thomas A. Davidson, Sebastian Wetterich, Kasper L. Johansen, Bjarne Grønnow, Torben Windirsch, Erik Jeppesen, Jari Syväranta, Jesper Olsen, Ivan González-Bergonzoni, Astrid Strunk, Nicolaj K. Larsen, Hanno Meyer, Jens Søndergaard, Rune Dietz, Igor Eulears, Anders Mosbech**
The history of seabird colonies and the North Water ecosystem: Contributions from palaeoecological and archaeological evidence
Ambio, April 2018, Volume 47, Supplement 2, pp 175–192 [\[Link\]](#)
- SR-18-100 Dazhong DONG, Zhensheng SHI, Shasha SUN, Changmin GUO, Chenchen ZHANG, Wen GUO, Quanzhong GUAN, Mengqi ZHANG, Shan JIANG, Leifu ZHANG, Chao MA, Jin WU, Ning LI, Yan CHANG**
Factors controlling microfractures in black shale: A case study of Ordovician Wufeng Formation–Silurian Longmaxi Formation in Shuanghe Profile, Changning area, Sichuan Basin, SW China
Research Paper, Petroleum Exploration and Development, Volume 45, Issue 5, October 2018 [\[Link\]](#)
- SR-18-101 Christos Katrantsiotis, Malin E. Kylander, Rienk Smittenberg, Kweku K.A. Yamoah, Martina Hättstrand, Pavlos Avramidis, Nichola A. Strandberg, Elin Norström**
Eastern Mediterranean hydroclimate reconstruction over the last 3600 years based on sedimentary n-alkanes, their carbon and hydrogen isotope composition and XRF data from the Gialova Lagoon, SW Greece
Quaternary Science Reviews, Volume 194, 15 August 2018, Pages 77–93 [\[Link\]](#)
- SR-18-102 F.Oliva, M.C. Peros, A.E. Viau, E.G. Reinhardt, F.C. Nixon, A. Morin**
A multi-proxy reconstruction of tropical cyclone variability during the past 800 years from Robinson Lake, Nova Scotia, Canada
Marine Geology, Volume 406, 1 December 2018, Pages 84–97 [\[Link\]](#)

- SR-18-103** John Inge Svendsen, Lars Martin B. Færseth, Richard Gyllencreutz, Hafliði Hafliðason, Mona Henriksen, Morten N. Hovland, Øystein S. Lohne, Jan Mangerud, Dmitry Nazarov, Carl Regnéll, Joerg M. Schaefer
Glacial and environmental changes over the last 60 000 years in the Polar Ural Mountains, Arctic Russia, inferred from a high-resolution lake record and other observations from adjacent areas
Boreas, Volume48, Issue2, April 2019, Pages 407-431 [\[Link\]](#)
- SR-18-104** Krystyna M. Saunders, Stephen J. Roberts, Bianca Perren, Christoph Butz, Louise Sime, Sarah Davies, Wim Van Nieuwenhuyze, Martin Grosjean, Dominic A. Hodgson
Holocene dynamics of the Southern Hemisphere westerly winds and possible links to CO₂ outgassing
Nature Geoscience 11, 650–655 (2018) [\[Link\]](#)
- SR-18-105** Diana Angélica Avendaño-Villeda, Margarita Caballero, Beatriz Ortega-Guerrero, Socorro Lozano-García, Erik Brown
Environmental conditions at the end of the Isotopic Stage 6 (El 6:> 130,000 years) central Mexico: characterization of a section of laminated sediments from Chalco lake
Rev. mex. cienc. geol vol.35 no.2 p168-178, México ago. 2018 [\[Link\]](#)
- SR-18-106** F. Barlas Şimşek, M.N. Çağatay
Late Holocene high resolution multi-proxy climate and environmental records from Lake Van, eastern Turkey
Quaternary International, Volume 486, 30 August 2018, Pages 57-72 [\[Link\]](#)
- SR-18-107** Jérôme Goslin, Mikkel Fruergaard, Lasse Sander, Mariusz Gałka, Laurie Menviel, Johannes Monkenbusch, Nicolas Thibault, Lars B. Clemmensen
Holocene centennial to millennial shifts in North-Atlantic storminess and ocean dynamics
Nature, Scientific Reports 8, Article number: 12778 (2018) [\[Link\]](#)
- SR-18-108** Paul E. Olsen, John W. Geissman, Dennis V. Kent, George E. Gehrels, Roland Mundil, Randall B. Irmis, Christopher Lepre, Cornelia Rasmussen, Dominique Giesler, William G. Parker, Natalia Zakharova, Wolfram M. Kürschner, Charlotte Miller, Viktoria Baranyi, Morgan F. Schalle, Jessica H. Whiteside, Douglas Schnurrenberger, Anders Noren, Kristina Brady Shannon, Ryan O'Grady, Matthew W. Colbert, Jessie Maisano, David Edey, Sean T. Kinney, Roberto Molina-Garza, Gerhard H. Bachman, Jingeng Sha
Colorado Plateau Coring Project, Phase I (CPCP-I): a continuously cored, globally exportable chronology of Triassic continental environmental change from western North America
Sci. Dril., 24, 15–40, 2018, <https://doi.org/10.5194/sd-24-15-2018> [\[Link\]](#)
- SR-18-109** Marc-Antoine Vella, Sofía Sejas, Karen Lucero Mamani, Luis Alejandro Rodríguez, Ramiro Bello Gómez, Claudia Rivera Casanovas, José Menacho Céspedes, Jaime Argollo, Stéphane Guédron, Élodie Brisset, Gregory Bièvre, Christelle Sanchez, Julien Thiesson, Roger Guérin, Katerina Escobar, Teresa Ortuño, Paz Núñez-Regueiro
The Franco-Bolivian Mission “Palaeoenvironment and Archaeology of the Guaquirá –Tiwanaku River, (Bolivia)”: A multidisciplinary study of the interactions between Ancient Societies and the Environment
Bulletin de l'Institut Français d'Etudes Andies v47 (2) p169-193 2018 [\[Link\]](#)
- SR-18-110** Lea T. Oppedal, Jostein Bakke, Øyvind Paasche, Johannes P. Werner, Willem G. M. van der Bilt^{1,2}
Cirque Glacier on South Georgia Shows Centennial Variability over the Last 7000 Years
Front. Earth Sci., 13 February 2018 | <https://doi.org/10.3389/feart.2018.00002> [\[Link\]](#)
- SR-18-111** Barbara Wohlfarth, Tomi P. Luoto, Francesco Muschitiello, Minna Väiliranta, Svante Björck, Siwan M. Davies, Malin Kylander, Karl Ljung, Paula J. Reimer, Rienk H. Smittenberg
Climate and environment in southwest Sweden 15.5–11.3 cal. ka BP
Boreas, Volume47, Issue3, July 2018, Pages 687-710 [\[Link\]](#)
- SR-18-112** Christian Ohlendorf
A sample carrier for measuring discrete powdered samples with an ITRAX XRF core scanner
X-Ray Spectrometry. 2018;47:58–62 [\[Link\]](#)
- SR-18-113** Faisal Othman, Yamin Wang, Furqan Hussain
The Effect of Fines Migration During CO₂ Injection Using Pore Scale Characterization
One Petro, <https://doi.org/10.2118/192076-MS> [\[Link\]](#)
- SR-18-114** Li Lo, Simon T. Belt, Julie Lattaud, Tobias Friedrich, Christian Zeeden, Stefan Schoutend, Lukas Smik, Axel Timmermann, Patricia Cabedo-Sanz, Jyh-Jaan Huang, Liping Zhou, Tsong-Hua Ou, Yuan-Pin Chang, Liang-Chi Wang, Yu-Min Chou, Chuan-Chou Shen, Min-Te Chen, Kuo-Yen Wei, Sheng-Rong Song, Tien-His Fang, Sergey A. Gorbarenko, Wei-Lung Wang, Teh-Que Lee, Henry Elderfield, David A. Hodell
Precession and atmospheric CO₂ modulated variability of sea ice in the central Okhotsk Sea since 130,000 years ago
Earth and Planetary Science Letters, Volume 488, 15 April 2018, Pages 36-45 [\[Link\]](#)
- SR-18-115** Dukki Han, Young Jin Joe, Jong-Sik Ryu, Tatsuya Unno, Gibaek Kim, Masanobu Yamamoto, Kihong Park, Hor-Gil Hur, Ji-Hoon Lee, Seung-Il Nam
Application of laser-induced breakdown spectroscopy to Arctic sediments in the Chukchi Sea
Spectrochimica Acta Part B: Atomic Spectroscopy, Volume 146, August 2018, Pages 84-92 [\[Link\]](#)

- SR-18-116 Neil Roberts, Samantha L. Allcock, Hannah Barnett, Anne Mather, Warren J. Eastwood, Matthew Jones, Nick Primmer, Hakan Yiğitbaşıoğlu, Boris Vannière**
Cause-and-effect in Mediterranean erosion: The role of humans and climate upon Holocene sediment flux into a central Anatolian lake catchment
Geomorphology, Volume 331, 15 April 2019, Pages 36-48 [\[Link\]](#)
- SR-18-117 Esther Ruth Gudmundsdóttir, Anders Schomacker, Skafti Brynjólfsson, Ólafur Ingólfsson, Nicolaj K. Larsen**
Holocene tephrostratigraphy in Vestfirðir, NW Iceland
Journal of Quaternary Science, Volume 33, Issue 7, October 2018, Pages 827-839 [\[Link\]](#)
- SR-18-118 J.-Y. Chatellier, K. Simpson, R. Perez, N. Tribovillard**
Geochemically focused integrated approach to reveal reservoir characteristics linked to better Montney productivity potential
Bulletin of Canadian Petroleum Geology (2018) 66 (2): 516-551. [\[Link\]](#)
- SR-18-119 Geoffrey R. Dipre, Leonid Polyak, Anton B. Kuznetsov, Emma A. Oti, Joseph D. Ortiz, Stefanie A. Brachfeld, Chuang Xuan, Kelly B. Lazar, Ann E. Cook**
Plio-Pleistocene sedimentary record from the Northwind Ridge: new insights into paleoclimatic evolution of the western Arctic Ocean for the last 5 Ma
Arktos, December 2018, 4:24 [\[Link\]](#)
- SR-18-120 Michelle Goman, Arthur Joyce, Steve Lund, Charlotte Pearson, William Guerra, Darren Dale, Douglas E. Hammond, Aaron J. Celestian**
Preliminary results from Laguna Minucúa: a potentially annually resolved record of climate and environmental change for the past ~5000 years in the Mixteca Alta of Oaxaca, Mexico
Quaternary International, Volume 469, Part B, 10 March 2018, Pages 85-95 [\[Link\]](#)
- SR-18-121 William Philipps, Jason P. Briner, Ole Bennike, Avriel Schweinsberg, Casey Beel, Nathaniel Lifton**
Earliest Holocene deglaciation of the central Uummannaq Fjord system, West Greenland
Boreas, Volume 47, Issue 1, January 2018, Pages 311-325 [\[Link\]](#)
- SR-18-122 Colin R. Ward, Sarah J. Kelloway, Juee Vohra, David French, David R. Cohen, Christopher E. Marjo, Irene E. Wainwright**
In-situ inorganic analysis of coal seams using a hand-held field-portable XRF Analyser
International Journal of Coal Geology, Volume 191, 15 April 2018, Pages 172-188 [\[Link\]](#)
- SR-18-123 Takashi Ishizawa, Kazuhisa Goto, Yusuke Yokoyama, Yosuke Miyairi**
Non-destructive analyses to determine appropriate stratigraphic level for dating of tsunami deposits
Marine Geology, Volume 412, June 2019, Pages 19-26 (SR-19-19) [\[Link\]](#)
- SR-18-124 Ji Young Shin, Yongjae Yu, Inah Seo, Kiseong Hyeong, Dhongil Lim, Wonnyon Kim**
Magnetic Properties of Deep-Sea Sediments From the North Pacific: A Proxy of Glacial Deep-Water Ventilation
Geochemistry, Geophysics, Geosystems, Volume 19, Issue 11, November 2018, Pages 4433-4443 [\[Link\]](#)
- SR-18-125 Feng Wu, Xinong Xie, Xushen Li, Christian Betzler, Zhilei Shang, Yuchi Cui**
Carbonate factory turnovers influenced by the monsoon (Xisha Islands, South China Sea)
Journal of the Geological Society, https://doi.org/10.1144/jgs2018-086 [\[Link\]](#)
- SR-18-126 Lowe, David J**
International tephra conference "crossing new frontiers: Tephra hunt in Transylvania", 24 June - 1 July, 2018, Moieciu de Sus, Romania
Quaternary Australasia, Volume 35 Issue 2 (Dec 2018) [\[Link\]](#)
- SR-18-127 Kheireddine Rifai, François Doucet, Lütfü Özcan, François Vidal**
LIBS core imaging at kHz speed: Paving the way for real-time geochemical applications
Spectrochimica Acta Part B: Atomic Spectroscopy, Volume 150, December 2018, Pages 43-48 [\[Link\]](#)
- SR-18-128 Gwydion Jones, Christine S. Lane, Achim Brauer, Siwan M. Davies, Renée de Bruijn, Stefan Engels, Aritina Haliuc, Wim Z. Hoek, Josef Merkt, Dirk Sachse, Falko Turner, Friederike Wagner-Cremer**
The Lateglacial to early Holocene tephrochronological record from Lake Hämelsee, Germany: a key site within the European tephra framework
Boreas, Volume 47, Issue 1, January 2018, Pages 28-40 [\[Link\]](#)
- SR-18-129 Bruno Lauper, David Jaeggi, Gaudenz Deplazes, Anneleen Foubert**
Multi-proxy facies analysis of the Opalinus Clay and depositional implications (Mont Terri rock laboratory, Switzerland)
Swiss Journal of Geosciences, October 2018, Volume 111, Issue 3, pp 383-398 [\[Link\]](#)
- SR-18-130 Norbert R. Nowaczyk, Liu Jiabo, Ute Frank, Helge W. Arz**
A high-resolution paleosecular variation record from Black Sea sediments indicating fast directional changes associated with low field intensities during marine isotope stage (MIS) 4
Earth and Planetary Science Letters, Volume 484, 15 February 2018, Pages 15-29 [\[Link\]](#)

- SR-18-131 Bruno Wilhelm, Juan Antonio Ballesteros Canovas, Juan Pablo Corella Aznar, Lucas Kämpf, Tina Swierczynski, Markus Stoffel, Eivind Støren, Willem Toonen**
Recent advances in paleoflood hydrology: From new archives to data compilation and analysis
Water Security 3 (2018) 1–8 [\[Link\]](#)
- SR-18-132 Liangcheng Tan, Yanjun Cai, Hai Cheng, Lawrence R. Edwards, Yongli Gao, Hai Xu, Haiwei Zhang, Zhisheng An**
Centennial- to decadal-scale monsoon precipitation variations in the upper Hanjiang River region, China over the past 6650 years
Earth and Planetary Science Letters, Volume 482, 15 January 2018, Pages 580-590 [\[Link\]](#)
- SR-18-133 Amy Morrissey, Christopher A. Scholz, James M. Russell**
Late Quaternary TEX86 paleotemperatures from the world's largest desert lake, Lake Turkana, Kenya
Journal of Paleolimnology, January 2018, Volume 59, Issue 1, pp 103–117 [\[Link\]](#)
- SR-18-134 D. Gebregiorgis, E.C. Hathorne, L. Giosan, S. Clemens, D. Nürnberg, M. Frank**
Southern Hemisphere forcing of South Asian monsoon precipitation over the past ~1 million years
Nature Communications, DOI: 10.1038/s41467-018-07076-2 [\[Link\]](#)
- SR-18-135 Tobias Schneider, Denise Rimer, Christoph Butz, Martin Grosjean**
A high-resolution pigment and productivity record from the varved Ponte Tresa basin (Lake Lugano, Switzerland) since 1919: insight from an approach that combines hyperspectral imaging and high-performance liquid chromatography
Journal of Paleolimnology, October 2018, Volume 60, Issue 3, pp 381–398 [\[Link\]](#)
- SR-18-136 Nicholas L. Balascio, James M. Kaste, Meredith G. Meyer, Madison Renshaw, Cassandra Smith, Randolph M. Chambers**
A high-resolution mill pond record from eastern Virginia (USA) reveals the impact of past landscape changes and regional pollution history
Anthropocene, Volume 25, March 2019, 100190 [\[Link\]](#)
- SR-18-137 Nurgül Karloğlu Kılıç, Hülya Caner, Ahmet Evren Erginal, Sinem Ersin, H. Haluk Selim, H. Kaya**
Environmental changes based on multi-proxy analysis of core sediments in Lake Aktaş, Turkey: Preliminary results
Quaternary International, Volume 486, 30 August 2018, Pages 89-97 [\[Link\]](#)
- SR-18-138 David J Wangner, Anne E Jennings, Flor Vermassen, Laurence M Dyke, Kelly A Hogan, Sabine Schmidt, Kurt H Kjær, Mads F Knudsen, Camilla S Andresen**
A 2000-year record of ocean influence on Jakobshavn Isbræ calving activity, based on marine sediment cores
The Holocene, Vol 28, Issue 11, 2018 [\[Link\]](#)
- SR-18-139 Verena Foerster, Daniel M. Deocampo, Asfawossen Asrat, Christina Günter, Annett Junginger, Kai Hauke Krämer, Nicole A. Stroncik, Martin H. Trauth**
Towards an understanding of climate proxy formation in the Chew Bahir basin, southern Ethiopian Rift
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 501, 15 July 2018, Pages 111-123 [\[Link\]](#)
- SR-18-140 Patricio I. Moreno, Javiera Videla, Blas Valero-Garcés, Brent V. Alloway, Linda E. Heusser**
A continuous record of vegetation, fire-regime and climatic changes in northwestern Patagonia spanning the last 25,000 years
Quaternary Science Reviews, Volume 198, 15 October 2018, Pages 15-36 [\[Link\]](#)
- SR-18-141 Praveen K. Mishra, Sushma Prasad, Arshid Jehangir, Ambili Anoop, Abdul R. Yousuf, Birgit Gaye**
Investigating the role of meltwater versus precipitation seasonality in abrupt lake-level rise in the high-altitude Tso Moriri Lake (India)
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 493, 15 March 2018, Pages 20-29 [\[Link\]](#)
- SR-18-142 Xiumei Li, Mingda Wang, Juzhi Hou**
Centennial-scale climate variability during the past 2000 years derived from lacustrine sediment on the western Tibetan Plateau
Quaternary International, Volume 510, 20 March 2019, Pages 65-75 [\[Link\]](#)
- SR-18-143 Feng Wu, Xinong Xi, Christian Betzler, Weilin Zhu, Youhua Zhu, Laiyuan Guo, Zhaoliang Ma, Huaqing Bai, Benjun Ma**
The impact of eustatic sea-level fluctuations, temperature variations and nutrient-level changes since the Pliocene on tropical carbonate platform (Xisha Islands, South China Sea)
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 514, 15 January 2019, Pages 373-385 (SR-19-87) [\[Link\]](#)
- SR-18-144 Myriam Kars, Robert J. Musgrave, Tatsuhiko Hoshino, Ann-Sophie Jonas, Thorsten Bauersachs, Fumio Inagaki, Kazuto Kodama**
Magnetic Mineral Diagenesis in a High Temperature and Deep Methanic Zone in Izu Rear Arc Marine Sediments, Northwest Pacific Ocean
JGR Solid Earth, Volume 123, Issue 10, October 2018, Pages 8331-8348 [\[Link\]](#)
- SR-18-145 Michael E. Weber, Hendrik Lantzsch, Petra Dekens, Supriyo K. Das, Brendan T. Reilly, Yasmina M. Martosf, Carsten Meyer-Jacob, Sandip Agrahari, Alf Ekblad, Jürgen Titschack, Beth Holmes, Philipp Wolfram**
200,000 years of monsoonal history recorded on the lower Bengal Fan - strong response to insolation forcing
Global and Planetary Change, Volume 166, July 2018, Pages 107-119 [\[Link\]](#)

SR-18-146[\[Link\]](#)

SR-18-147 A.A. Bjørk, N.K. Larsen, J. Olsen, A.E. Goldsack, K.K. Kjeldsen, M. Morlighem, C.S. Andresen, P. Rasmussen, G. Oxfeldt, K.H. Kjær

Holocene history of the Helheim Glacier, southeast Greenland
Quaternary Science Reviews, Volume 193, 1 August 2018, Pages 145-158

[\[Link\]](#)

SR-18-148 Astrid Lyså, Eiliv A. Larsen, Fredrik Høgaas, Maria A. Jensen, Martin Klug, Lena Rubensdotter, Witold Szczuciński

A temporary glacier-surge ice-dammed lake, Braganzavågen, Svalbard
Boreas, Volume 47, Issue 3, July 2018, Pages 837-854

[\[Link\]](#)

SR-18-149 Matthias Thienemann, Stephanie Kusch, Hendrik Vogel, Benedikt Ritter, Enno Schefuß, Janet Rethemeyer

Neoglacial transition of atmospheric circulation patterns over Fennoscandia recorded in Holocene Lake Torneträsk sediments
Boreas, Volume 48, Issue 2, April 2019, Pages 287-298

[\[Link\]](#)

SR-18-150 Dorothy M. Peteet, Jonathan Nichols, Timothy Kenna, Clara Chang, James Browne, Mohammad Reza, Stephen Kovari, Louisa Liberman, Stephanie Stern-Protz

Sediment starvation destroys New York City marshes' resistance to sea level rise
PNAS October 9, 2018 115 (41) 10281-10286; first published September 24, 2018

[\[Link\]](#)

SR-18-151 Melinda C. Higley, Jessica L. Conroy, Susan Schmitt

Last Millennium Meridional Shifts in Hydroclimate in the Central Tropical Pacific
Paleoceanography and paleoclimatology, Volume 33, Issue 4, April 2018, Pages 354-366

[\[Link\]](#)

SR-18-152 Henrik Løseth Jansen, Svein Olaf Dahl, Pål Ringkjøb Nielsen

An inverse approach to the course of the 'Little Ice Age' glacier advance and the following deglaciation at Austerdalsisen, eastern Svartisen, northern Norway

The Holocene, Vol 28, Issue 7, 2018

[\[Link\]](#)

SR-18-153 A. Lichtschlag, M. Cevatoglu, D. P. Connelly, R. H. James, J. M. Bull

Increased Fluid Flow Activity in Shallow Sediments at the 3 km Long Hugin Fracture in the Central North Sea
Geochemistry, Geophysics, Geosystems, Volume 19, Issue 1, January 2018, Pages 2-20

[\[Link\]](#)

SR-18-154 Emily Field, Sam Marx, Jordahna Haig, Jan-Hendrik May, Geraldine Jacobsen, Atun Zawadzki, David Child, Henk Heijnis, Michael Hotchkis, Hamish McGowan, Patrick Moss

Untangling geochronological complexity in organic spring deposits using multiple dating methods
Quaternary Geochronology, Volume 43, February 2018, Pages 50-71

[\[Link\]](#)

SR-18-155 Astrid Lysa, Eiliv A. Larsen, Fredrik Høgaas, Maria A. Jensen, Martin Klug, Lena Rubensdotter, Witold Szczuciński

A temporary glacier-surge ice-dammed lake, Braganzavågen, Svalbard
Boreas, DOI 10.1111/bor.12302 Lys_et_al-2018-Boreas

[\[Link\]](#)

SR-18-156 Sebastian Eggenberger, Erika Gobet, Jacqueline F. N. van Leeuwen, Christoph Schwörer, Willem O. van der Knaap, Han F. van Dobben, Hendrik Vogel, Willy Tinner, Claire M. C. Rambeau

Millennial multi-proxy reconstruction of oasis dynamics in Jordan, by the Dead Sea
Vegetation History and Archaeobotany, September 2018, Volume 27, Issue 5, pp 649-664

[\[Link\]](#)

SR-18-157 Hannah Vossel, Patricia Roeser, Thomas Litt, Jane M Reed

Lake Kinneret (Israel): New insights into Holocene regional palaeoclimate variability based on high-resolution multi-proxy analysis

The Holocene, Vol 28, Issue 9, 2018

[\[Link\]](#)

SR-18-158 Marthe Gjerde, Jostein Bakke, William D'Andrea, Nicholas L. Balascio, Raymond S. Bradley, Kristian Vasskog, Sædis Ólafsdóttir, Torgeir O. Røthe, Bianca B. Perren, Anne Hormes

Late Glacial and Holocene multi-proxy environmental reconstruction from Lake Hakluytvatnet, Amsterdamøya Island, Svalbard (79.5°N)

Quaternary Science Reviews, Volume 183, 1 March 2018, Pages 164-176

[\[Link\]](#)

SR-18-159 Malin E. Kylander, Anna Pliikk, Johan Rydberg, Ludvig Löwemark

New insights from XRF core scanning data into boreal lake ontogeny during the Eemian (Marine Isotope Stage 5e) at Sokli, northeast Finland

Quaternary Research, Volume 89, Issue 1, January 2018, pp. 352-364

[\[Link\]](#)

SR-18-160 Emily Field, Jonathan Tyler, Patricia S. Gadd, Patrick Moss, Hamish McGowan, Sam Marx

Coherent patterns of environmental change at multiple organic spring sites in northwest Australia: Evidence of Indonesian-Australian summer monsoon variability over the last 14,500 years

Quaternary Science Reviews, Volume 196, 15 September 2018, Pages 193-216

[\[Link\]](#)

SR-18-161 Tom Stephens, Paul Augustinus, Brett Rip, Patricia Gadd, Atun Zawadzki

Managing land-use effects on Northland dune lakes: lessons from the past

Journal, New Zealand Journal of Marine and Freshwater Research, Volume 52, 2018 - Issue 3

[\[Link\]](#)

- SR-18-162 Briana E. Johnson, Paula J. Noble, Alan C. Heyvaert, Sudeep Chandra, Robert Karlin**
Anthropogenic and climatic influences on the diatom flora within the Fallen Leaf Lake watershed, Lake Tahoe Basin, California over the last millennium
Journal of Paleolimnology, February 2018, Volume 59, Issue 2, pp 159–173 [\[Link\]](#)
- SR-18-163 Matěj Roman, Anna Pířková, David C. W. Sanderson, Alan Creswell, Daniel Nývlt, Juan Manuel Lirio, Kateřina Kopalová, Sarah J. Davies**
Combination of radiocarbon and OSL dating suggests young age of Lake Esmeralda sediments, Antarctic Peninsula: Exploiting exceptional high-resolution record of environmental changes in James Ross Archipelago
Researchgate.net [\[Link\]](#)
- SR-18-164 Pengbo Li, Dongjie Tang, Xiaoying Shi, Ganqing Jiang, Xiangkuan Zhao, Xiqiang Zhou, Xinqiang Wang, Xi Chen**
Sunspot cycles recorded in siliciclastic biolaminites at the dawn of the Neoproterozoic Sturtian glaciation in South China
Precambrian Research, Volume 315, September 2018, Pages 75-91 [\[Link\]](#)
- SR-18-165**
- [\[Link\]](#)
- SR-18-166**
- [\[Link\]](#)
- SR-18-167 Olaf Dellwig, Bernhard Schnetger, David Meyer, Falk Pollehn, Katharina Häusler, Helge W. Arz**
Impact of the Major Baltic Inflow in 2014 on Manganese Cycling in the Gotland Deep (Baltic Sea)
Front. Mar. Sci., 17 July 2018 [\[Link\]](#)
- SR-18-168 Rina Zuraida, Riza Rahardiawan, Yani Permanawati, Indra Adhirana, Andrian Ibrahim, Nazar Nurdin, Haryadi Permana**
Late Holocene Heavy Metals Record of Jakarta Bay Sediments
Bulletin of the Marine Geology, Vol. 33, No. 2, December 2018, pp. 119 to 130 [\[Link\]](#)
- SR-18-169**
- [\[Link\]](#)
- SR-18-170 Zakaria Ghazoui**
Late Quaternary Seismicity and Climate in the Western Nepal : Himalaya
Université Grenoble Alpes [\[Link\]](#)
- SR-18-171 Inga Labuhn, Dan Hammarlund, Emmanuel Chapron, Markus Czymzik, Jean-Pascal Dumoulin, Andreas Nilsson, Edouard Régnier, Joakim Robygd, Ulrich Von Grafenstein**
Holocene Hydroclimate Variability in Central Scandinavia Inferred from Flood Layers in Contourite Drift Deposits in Lake Storsjön
Quaternary 2018, 1(1), 2, https://doi.org/10.3390/quat1010002 - 06 Feb 2018 [\[Link\]](#)
- SR-18-172 Ling Li, Hong-ming Tang, Xi Wang, Ji-jia Liao, Bai-long Qi, Feng Zhao, Lie-hui Zhang, Wei Feng, Hao-xuan Tang, Lan Shi**
Evolution of diagenetic fluid of ultra-deep Cretaceous Bashijiqike Formation in Kuqa depression
Journal of Central South University, October 2018, Volume 25, Issue 10, pp 2472–2495 [\[Link\]](#)
- SR-18-173**
- [\[Link\]](#)
- SR-18-174 Akintoye E. Akinnigbagbe, Xiqiu Han, Weijia Fan, Yong Tang, Adedayo O. Adeleye, Rasheed O. Jimoh, Zhanghua Lou**
Variations in terrigenous input into the eastern Equatorial Atlantic over 120ka: Implications on Atlantic ITCZ migration
Journal of African Earth Sciences, Volume 147, November 2018, Pages 220-227 [\[Link\]](#)
- SR-18-175 張益璋**
Geochemistry study on a sediment core from Santa Barbara Basin, California, USA
Airiti Library [\[Link\]](#)
- SR-18-176 Esther Ruth Gudmundsdóttir, Anders Schomacker, Skafti Brynjólfsson, Ólafur Ingólfsson, Nicolaj K. Larsen**
Holocene tephrstratigraphy in Vestfirðir, NW Iceland
Journal of Quaternary Science, Volume33, Issue7, October 2018, Pages 827-839 [\[Link\]](#)

Not sure

SR-18-x05 S. Yoshi Maezumi, Daiana Alves, Mark Robinson, Jonas Gregorio de Souza, Carolina Levis, Robert L. Barnett, Edemar Almeida de Oliveira, Dunia Urrego, Denise Schaan, José Iriarte

The legacy of 4,500 years of polyculture agroforestry in the eastern Amazon

Nature Plants 4, 540–547 (2018)

[\[Link\]](#)

SR-18-x10 Améliede Villèle, Françoise Godec, Anne Louvel Rozec

Créer, et développer des expériences visuelles grâce au jeu ! Outils de rééducation neurovisuelle orthoptique Create and develop visual experiences through play! Neurovisual orthoptic rehabilitation tools

Revue Francophone d'Orthoptie, Volume 11, Issue 3, July–September 2018, Pages 174-179

[\[Link\]](#)

- SR-19-01 Jyh-Jaan Steven Huang, Sheng-Chi Lin, Ludvig Löwemark, Sofia Ya Hsuan Liou, Queenie Chang, Tsun-Kuo Chang, Kuo-Yen Wei, Ian W. Croudace**
Rapid assessment of heavy metal pollution using ion-exchange resin sachets and micro-XRF core-scanning
Nature, Scientific Reports volume 9, Article number: 6601 (2019) [\[Link\]](#)
- SR-19-02 Leonie Peti, Paul C. Augustinus**
Stratigraphy and sedimentology of the Orakei maar lake sediment sequence (Auckland Volcanic Field, New Zealand)
Sci. Dril., 25, 47–56, 2019 [\[Link\]](#)
- SR-19-03 Karthik Gopi, Debashish Mazumder, Jesmond Sammut, Neil Saintilan, Jagoda Crawford, Patricia Gadd**
Combined use of stable isotope analysis and elemental profiling to determine provenance of black tiger prawns (*Penaeus monodon*)
Food Control, Volume 95, January 2019, Pages 242-248 [\[Link\]](#)
- SR-19-04 Ulaş Avşar**
Sedimentary geochemical evidence of historical tsunamis in the Eastern Mediterranean from Ölüdeniz Lagoon, SW Turkey
Journal of Paleolimnology, March 2019, Volume 61, Issue 3, pp 373–385 [\[Link\]](#)
- SR-19-05 Arisa Seki, Ryuji Tada, Shunsuke Kurokawa, Masafumi Murayama**
High-resolution Quaternary record of marine organic carbon content in the hemipelagic sediments of the Japan Sea from bromine counts measured by XRF core scanner
Progress in Earth and Planetary Science, December 2019, 6:1 [\[Link\]](#)
- SR-19-06 Carolyn J. Ewers Lewis, Jeffrey A. Baldock, Bruce Hawke, Patricia S. Gadd, Atun Zawadzki, Henk Heijnis, Geraldine E. Jacobsen, Kerry Rogers, Peter I. Macreadie**
Impacts of land reclamation on tidal marsh 'blue carbon' stocks
Science of The Total Environment, Volume 672, 1 July 2019, Pages 427-437 [\[Link\]](#)
- SR-19-07 Ian W. Croudace, Ludvig Löwemark, Rik Tjallingii, Bernd Zolitschka**
Current perspectives on the capabilities of high resolution XRF core scanners
Quaternary International, vol 514, p5-15 (2019) [\[Link\]](#)
- SR-19-08 Jack Longman, Daniel Veres, Vasile Ersek, Aritina Haliuc, Volker Wennrich**
Runoff events and related rainfall variability in the Southern Carpathians during the last 2000 years
Nature, Scientific Reports volume 9, Article number: 5334 (2019) [\[Link\]](#)
- SR-19-09 Geordie Donaldson, James Goff, Catherine Chagué, Patricia Gadd, Daniela Fierro**
The Waikari River tsunami: New Zealand's largest historical tsunami event
Sedimentary Geology, Volume 383, 1 April 2019, Pages 148-158 [\[Link\]](#)
- SR-19-10 Xiaqing Wang, Zhangdong Jin, Zhong He, Ling Zhou, Jianwei Xu**
New insights into dating the sediment sequence within a landslide-dammed reservoir on the Chinese Loess Plateau
The Holocene, Vol 29, Issue 6, p1020-1029, 2019 [\[Link\]](#)
- SR-19-11 Jonathan Dale, Andrew B. Cundy, Kate L. Spencer, Simon J. Carr, Ian W. Croudace, Heidi M. Burgess, David J. Nash**
Sediment structure and physicochemical changes following tidal inundation at a large open coast managed realignment site
Science of The Total Environment, Volume 660, 10 April 2019, Pages 1419-1432 [\[Link\]](#)
- SR-19-12 C. Chagué, D. Edwards, J. Ruszczak, P. Gadd, A. Zawadzki, G. Jacobsen, D. Fierro, J. Goralewski, L. Clement, A. Albani**
Late Holocene environmental changes and anthropogenic impact in Dee Why Lagoon, New South Wales
Journal, Australian Journal of Earth Sciences, Volume 66, 2019 - Issue 5, Pages 657-670 [\[Link\]](#)
- SR-19-13 An-Sheng Lee, Jyh-Jaan Steven Huang, George Burr, Li ChengKao, Kuo-Yen Wei, Sofia Ya Hsuan Liou**
High resolution record of heavy metals from estuary sediments of Nankan River (Taiwan) assessed by rigorous multivariate statistical analysis
Quaternary International, vol 514, p1-4 (2019) [\[Link\]](#)
- SR-19-14 C.A. Woodward, P.S. Gadd**
The potential power and pitfalls of using the X-ray fluorescence molybdenum incoherent: Coherent scattering ratio as a proxy for sediment organic content
Quaternary International, vol 514, p30-43 (2019) [\[Link\]](#)
- SR-19-15 Agathe Lisé-Pronovost, Michael-Shawn Fletcher, Tom Mallett, Michela Mariani, Richard Lewis, Patricia S. Gadd, Andy I. R. Herries, Maarten Blaauw, Hendrik Heijnis, Dominic A. Hodgson, Joel B. Pedro**
Scientific drilling of sediments at Darwin Crater, Tasmania
Sci. Dril., 7, 1–14, 2019, <https://doi.org/10.5194/sd-7-1-2019> [\[Link\]](#)
- SR-19-16 Tong Li, Renguang Zuo, Guoxiong Chen**
Investigating fluid-rock interaction at the hand-specimen scale via ITRAX
Journal of Geochemical Exploration, Volume 204, September 2019, Pages 57-65 [\[Link\]](#)
- SR-19-17 Z. Ghazoui, S. Bertrand, K. Vanneste, Y. Yokoyama, J. Nomade, A. P. Gajurel, P. A. van der Beek**
Potentially large post-1505 AD earthquakes in western Nepal revealed by a lake sediment record
Nature Communications 10, Article number: 2258 (2019) [\[Link\]](#)

- SR-19-18 Liang-Chi Wang, Zih-Wei Tang, Huei-Fen Chen, Hong-Chun Li, Liang-Jian Shiau, Jyh-Jaan Steven Huang, Kuo-Yen Wei, Chih-Kai Chuang, Yu-Min Chou**
Late Holocene vegetation, climate, and natural disturbance records from an alpine pond in central Taiwan
Quaternary International, Volume 528, 10 September 2019, Pages 63-72 [\[Link\]](#)
- SR-19-19 Takashi Ishizawa, Kazuhisa Goto, Yusuke Yokoyama, Yosuke Miyairi**
Non-destructive analyses to determine appropriate stratigraphic level for dating of tsunami deposits
Marine Geology, Volume 412, June 2019, Pages 19-26 [\[Link\]](#)
- SR-19-20 Elodie Brisset, Morteza Djamali, Edouard Bard, Daniel Borschneck, Emmanuel Gandouin, Marta Garcia, Lora Stevens, Kazuyo Tachikawa**
Late Holocene hydrology of Lake Maharlou, southwest Iran, inferred from high-resolution sedimentological and geochemical analyses
Journal of Paleolimnology, January 2019, Volume 61, Issue 1, pp 111–128 [\[Link\]](#)
- SR-19-21 Liu Jiabo, Norbert Nowaczyk, Ute Frank, Helge Arz**
Geomagnetic paleosecular variation record spanning from 40 to 20 ka – implications for the Mono Lake excursion from Black Sea sediments
Earth and Planetary Science Letters, Volume 509, 1 March 2019, Pages 114-124 [\[Link\]](#)
- SR-19-22 Stephen G Smith, Karl W Wegmann, Elana L Leithold, Delwayne R Bohnenstiehl**
A 4000-year record of hydrologic variability from the Olympic Mountains, Washington, USA
The Holocene, Published May 13, 2019, <https://doi.org/10.1177/0959683619846975> [\[Link\]](#)
- SR-19-23 Maurycy Żarczyński, Agnieszka Wacnik, Wojciech Tylmann**
Tracing lake mixing and oxygenation regime using the Fe/Mn ratio in varved sediments: 2000 year-long record of human-induced changes from Lake Żabińskie (NE Poland)
Science of The Total Environment, Volume 657, 20 March 2019, Pages 585-596 [\[Link\]](#)
- SR-19-24 Fenja Theden-Ringl, Geoffrey S. Hope, Patricia S. Gadd**
A palaeoenvironmental perspective of landscape change and Aboriginal-led burning in Australia high country over 16,000 years
Common cores in the high country, The archaeology and environmental history of th Namadgi Ranges, Ch 7 p 135-175 [\[Link\]](#)
- SR-19-25 Małgorzata Kinder, Wojciech Tylmann, Iwona Bubak, Magdalena Fiłoc, Michał Gąsiorowski, Mirosława Kupryjanowicz, Christoph Mayr, Laurentius Sauer, Ulrich Voellering, Bernd Zolitschka**
Holocene history of human impacts inferred from annually laminated sediments in Lake Szurpiły, northeast Poland
Journal of Paleolimnology, April 2019, Volume 61, Issue 4, pp 419–435 [\[Link\]](#)
- SR-19-26 Anders Schomacker, Wesley R. Farnsworth, Ólafur Ingólfsson, Lis Allaart, Lena Håkansson, Michael Retelle, Marie-Louise Siggaard-Andersen, Niels Jákup Korsgaard, Alexandra Rouillard, Sofia E. Kjellman**
Postglacial relative sea level change and glacier activity in the early and late Holocene: Wahlenbergfjorden, Nordaustlandet, Svalbard
Nature, Scientific Reports 9, Article number: 6799 (2019) [\[Link\]](#)
- SR-19-27 Léo Chassiot, Pierre Francus, Arnaud De Coninck, Patrick Lajeunesse, Danielle Cloutier, Thibault Labarre**
Spatial and temporal patterns of metallic pollution in Québec City, Canada: Sources and hazard assessment from reservoir sediment records
Science of The Total Environment, Volume 673, 10 July 2019, Pages 136-147 [\[Link\]](#)
- SR-19-28 Nicholas L. Balascio, James M. Kaste, Meredith G. Meyer, Madison Renshaw, Kassandra Smith, Randolph M. Chambers**
A high-resolution mill pond record from eastern Virginia (USA) reveals the impact of past landscape changes and regional pollution history
Anthropocene, Volume 25, March 2019, 100190 [\[Link\]](#)
- SR-19-29 Sylvia Gassner, Erika Gobet, Christoph Schwörer, Jacqueline van Leeuwen, Hendrik Vogel, Tryfon Giagkoulis, Stamatina Makri, Martin Grosjean, Sampson Panajiotidis, Albert Hafner, Willy Tinner**
20,000 years of interactions between climate, vegetation and land use in Northern Greece
Vegetation History and Archaeobotany, pp 1–16 on line 2019 [\[Link\]](#)
- SR-19-30 Nurettin Yakupoğlu, Gülsen Uçarkuş, K. Kadir Eriş, Pierre Henry, M. Namık Çağatay**
Sedimentological and geochemical evidence for seismoturbidite generation in the Kumburgaz Basin, Sea of Marmara: Implications for earthquake recurrence along the Central High Segment of the North Anatolian Fault
Sedimentary Geology, Volume 380, February 2019, Pages 31-44 [\[Link\]](#)
- SR-19-31 Po-Kang Shih, Wei-Jhan Syu, Cheng-Hsun Lee, Sheng-Chi Lin, Tsun-Kuo Chang**
Application of Time-Lapse Resin Capsule in Irrigation Water Monitoring
Journal of Taiwan Agricultural Engineering Vol. 65, No. 1, March 2019, p 36-45 [\[Link\]](#)
- SR-19-32 Raphael Gromig, Bernd Wagner, Volker Wennrich, Grigory Fedorov, Larisa Savelieva, Elodie Lebas, Sebastian Krastel, Dominik Brill, Andrei Andreev, Dmitry Subetto, Martin Melles**
Deglaciation history of Lake Ladoga (northwestern Russia) based on varved sediments
Boreas, Volume 48, Issue 2, Special Issue: Northern Eurasian lakes - late Quaternary glaciation and climate history, April 2019, Pages 330-348 [\[Link\]](#)

- SR-19-33 James A. Collins, Frank Lamy, Jérôme Kaiser, Nicoletta Ruggieri, Susann Henkel, Ricardo De Pol-Holz, René Garreaud, Helge W. Arz**
Centennial-Scale SE Pacific Sea Surface Temperature Variability Over the Past 2,300 Years
Paleoceanography and Paleoclimatology, Volume 34, Issue 3, March 2019, Pages 336-352 [\[Link\]](#)
- SR-19-34 Lance D. Yarbrough, Russell Carr, Nick Lentz**
X-ray fluorescence analysis of the Bakken and Three Forks Formations and logging applications
Journal of Petroleum Science and Engineering, Volume 172, January 2019, Pages 764-775 [\[Link\]](#)
- SR-19-35 Guillaume Jouve, Laurence Vidal, Rachid Adallal, Ali Rhoujjati, Abdelfattah Benkaddour, Emmanuel Chapron, Kazuyo Tachikawa, Edouard Bard, Thierry Courp, Laurent Dezileau, Bertil Hebert, William Rapuc, Anaëlle Simonneau, Corinne Sonzogni, Florence Sylvestre**
Recent hydrological variability of the Moroccan Middle Atlas Mountains inferred from microscale sedimentological and geochemical analyses of lake sediments
Quaternary Research, Volume 91, Issue 1 January 2019, pp. 414-430 [\[Link\]](#)
- SR-19-36 Aage Paus, Hafliði Hafliðason, Joyanto Routh, B. David A. Naafs, Mari W. Thoen**
Environmental responses to the 9.7 and 8.2 cold events at two ecotonal sites in the Dovre mountains, mid-Norway
Quaternary Science Reviews, Volume 205, 1 February 2019, Pages 45-61 [\[Link\]](#)
- SR-19-37 Marcos Fontela, Guillermo Francés, Begoña Quintana, María J. Álvarez-Fernández, Miguel A. Nombela, Irene Alejo, María C. Pedrosa, Fiz F. Pérez**
Dating the Anthropocene in deep-sea sediments: How much carbon is buried in the Irminger Basin?
Global and Planetary Change, Volume 175, April 2019, Pages 92-102 [\[Link\]](#)
- SR-19-38 Torgeir O Røthe, Jostein Bakke, Eivind WN Støren, Svein O Dahl**
Wintertime extreme events recorded by lake sediments in Arctic Norway
The Holocene, Volume: 29 issue: 8, page(s): 1305-1321, <https://doi.org/10.1177/0959683619846983> [\[Link\]](#)
- SR-19-39 Sonja Berg, Duanne A. White, Sandra Jivcov, Martin Melles, Melanie J. Leng, Janet Rethemeyer, Claire Allen, Bianca Perren, Ole Bennike, Finn Viehberg**
Holocene glacier fluctuations and environmental changes in subantarctic South Georgia inferred from a sediment record from a coastal inlet
Quaternary Research, Volume 91, Issue 1 January 2019, pp. 132-148 [\[Link\]](#)
- SR-19-40 Jérôme Goslin, Mariusz Gałka, Lasse Sander, Mikkel Fruergaard, Johannes Mokenbusch, Nicolas Thibault, Lars B. Clemmensen**
Decadal variability of north-eastern Atlantic storminess at the mid-Holocene: New inferences from a record of wind-blown sand, western Denmark
Global and Planetary Change, Volume 180, September 2019, Pages 16-32 [\[Link\]](#)
- SR-19-41 Anna-Marie Klamt, Sabine Hilt, Matthias Moros, Helge W. Arz, Michael Hupfer**
The effect of a shift from macrophyte to phytoplankton dominance on phosphorus forms and burial in the sediments of a shallow hard-water lake
Biogeochemistry, May 2019, Volume 143, Issue 3, pp 371-385 [\[Link\]](#)
- SR-19-42 J. Unkelbach, K. Kashima, D. Enters, Ch. Dulamsuren, G. Punsalpaamuu, H. Behling**
Environmental changes inferred from multi-proxy-studies of lacustrine sediments from the Dayan Nuur region in the Altai Mountains, Mongolia, since the end of the mid-Holocene
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 530, 15 September 2019, Pages 1-14 [\[Link\]](#)
- SR-19-43 Y. Axford, G.E. Lasher, M.A. Kelly, E.C. Osterberg, J. Landis, G.C. Schellinger, A. Pfeiffer, E. Thompson, D.R. Francis**
Holocene temperature history of northwest Greenland – With new ice cap constraints and chironomid assemblages from Deltasø
Quaternary Science Reviews, Volume 215, 1 July 2019, Pages 160-172 [\[Link\]](#)
- SR-19-44 R. Hamilton, D. Penny, Q. Hua**
A 4700-year record of hydroclimate variability over the Asian monsoon intersection zone inferred from multi-proxy analysis of lake sediments
Global and Planetary Change, Volume 174, March 2019, Pages 92-104 [\[Link\]](#)
- SR-19-45 Benedikt Ritter, Volker Wennrich, Alicia Medialdea, Dominik Brill, Georgina King, Sascha Schneiderwind, Karin Niemann, Emma Fernández-Galego, Julia Diederich, Christian Rolf, Roberto Bao, Martin Melles, Tibor J. Dunai**
“Climatic fluctuations in the hyperarid core of the Atacama Desert during the past 215 ka”
Nature, Scientific Reports 9, Article number: 5270 (2019) [\[Link\]](#)
- SR-19-46 Matthew Prebble, Atholl J. Anderson, Paul Augustinus, Joshua Emmitt, Stewart J. Fallon, Louise L. Furey, Simon J. Holdaway, Alex Jorgensen, Thegn N. Ladefoged, Peter J. Matthews, Jean-Yves Meyer, Rebecca Phillipps, Rod Wallace, Nicholas Porch**
Early tropical crop production in marginal subtropical and temperate Polynesia
PNAS April 30, 2019 116 (18) 8824-8833 [\[Link\]](#)

- SR-19-47 Kate Corry-Saavedra, Julie C. Schindlbeck, Susanne M. Straub, Masafumi Murayama, Louise L. Bolge, Arturo Gómez-Tuena, Yoshitaka Hashimoto, Jon D. Woodhead**
The role of dispersed ash in orbital-scale time-series studies of explosive arc volcanism: insights from IODP Hole U1437B, Northwest Pacific Ocean
International Geology Review, Volume 61, 2019 - Issue 17, p 2164-2183 [\[Link\]](#)
- SR-19-48 S. Berg, M. Melles, W.-D. Hermichen, E. L. McClymont, M. J. Bentley, D. A. Hodgson, G. Kuhn**
Evaluation of Mumiyo Deposits From East Antarctica as Archives for the Late Quaternary Environmental and Climatic History
Geochemistry, Geophysics, Geosystems, Volume 20, Issue 1, January 2019, Pages 260-276 [\[Link\]](#)
- SR-19-49 Lisa Bröder, August Andersson, Tommaso Tesi, Igor Semiletov, Örjan Gustafsson**
Quantifying Degradative Loss of Terrigenous Organic Carbon in Surface Sediments Across the Laptev and East Siberian Sea
Global Biogeochemical Cycles, Volume 33, Issue 1, January 2019, Pages 85-99 [\[Link\]](#)
- SR-19-50 Francesca Gissi, Amanda J. Reichelt-Brushett, Anthony A. Chariton, Jenny L. Stauber, Paul Greenfield, Craig Humphrey, Matt Salmon, Sarah A. Stephenson, Tom Cresswell, Dianne F. Jolley**
The effect of dissolved nickel and copper on the adult coral *Acropora muricata* and its microbiome
Environmental Pollution, Volume 250, July 2019, Pages 792-806 [\[Link\]](#)
- SR-19-51 Huan Wang, Haibing Li, Jialiang Si, Lei Zhang, Zhiming Sun**
Geochemical features of the pseudotachylytes in the Longmen Shan thrust belt, eastern Tibet
Quaternary International, Volume 514, 30 April 2019, Pages 173-185 [\[Link\]](#)
- SR-19-52 Matthew M. Jones, Bradley B. Sageman, Rosie L. Oakes, Amanda L. Parker, R. Mark Leckie, Timothy J. Bralower, Julio Sepúlveda, Victoria Fortiz**
Astronomical pacing of relative sea level during Oceanic Anoxic Event 2: Preliminary studies of the expanded SH#1 Core, Utah, USA
GSA Bulletin (2019) 131 (9-10): 1702–1722 [\[Link\]](#)
- SR-19-53 Oscar E. Aguinaga, James F.T. Wakelin, Keith N. White, Andrew P. Dean, Jon K. Pittman**
The association of microbial activity with Fe, S and trace element distribution in sediment cores within a natural wetland polluted by acid mine drainage
Chemosphere, Volume 231, September 2019, Pages 432-441 [\[Link\]](#)
- SR-19-54 Alessandra Smedile, Flavia Molisso, Catherine Chagué, Marina Iorio, Paolo Marco De Martini, Stefania Pinzi, Philip E. F. Collins, Leonardo Sagnotti, Daniela Pantosti**
New coring study in Augusta Bay expands understanding of offshore tsunami deposits (Eastern Sicily, Italy)
Sedimentology Volume 67, Issue 3, April 2020, Pages 1553-1576 [\[Link\]](#)
- SR-19-55 Maarten Van Daele, Cristian Araya-Cornejo, Thomas Pille, Kris Vanneste, Jasper Moernaut, Sabine Schmidt, Philipp Kempf, Inka Meyer, Marco Cisternas**
Distinguishing intraplate from megathrust earthquakes using lacustrine turbidites
Geology (2019) 47 (2): 127-130. [\[Link\]](#)
- SR-19-56 Sharon S. Hoffmann, Risa E. Dalsing, Sarah C. Murphy**
Sortable silt records of intermediate-depth circulation and sedimentation in the Southwest Labrador Sea since the Last Glacial Maximum
Quaternary Science Reviews, Volume 206, 15 February 2019, Pages 99-110 [\[Link\]](#)
- SR-19-57 Kévin Jacq, Yves Perrette, Bernard Fanget, Pierre Sabatier, Didier Coquin, Ruth Martinez-Lamas, Maxime Debret, Fabien Arnaud**
High-resolution prediction of organic matter concentration with hyperspectral imaging on a sediment core
Science of The Total Environment, Volume 663, 1 May 2019, Pages 236-244 [\[Link\]](#)
- SR-19-58 Weihan Jia, Xingqi Liu**
Decadal- to centennial-scale climate changes over the last 2000 yr recorded from varved sediments of Lake Kusai, northern Qinghai-Tibetan Plateau
Quaternary Research, Volume 92, Issue 2 September 2019, pp. 340-351 [\[Link\]](#)
- SR-19-59 Kendra K. McLaughlan, Ioan Lascu, Emily Mellicant, Robert J. Scharping, Joseph J. Williams**
Influences of forested and grassland vegetation on late Quaternary ecosystem development as recorded in lacustrine sediments
Quaternary Research, Volume 92, Issue 2 September 2019, pp. 340-351 [\[Link\]](#)
- SR-19-60 Yu Song, Shuifu Li, Shouzhi Hu**
Warm-humid paleoclimate control of salinized lacustrine organic-rich shale deposition in the Oligocene Hetaoyuan Formation of the Biyang Depression, East China
International Journal of Coal Geology, Volume 202, 1 February 2019, Pages 69-84 [\[Link\]](#)
- SR-19-61 Joshua R. Williams, Elisabeth R. Clyne, Steven A. Kuehl, Mohammad Al Mukaimi**
Assessment of the high-resolution paleoseismicity record from sediment gravity flows in Prince William Sound, Alaska
Marine Geology, Volume 408, February 2019, Pages 110-122 [\[Link\]](#)
- SR-19-62 Geoffrey M. Johnson, David A. Sutherland, Josh J. Roering, Nathan Mathabane, Daniel G. Gavin**
Estuarine Dissolved Oxygen History Inferred from Sedimentary Trace Metal and Organic Matter Preservation
Estuaries and Coasts, July 2019, Volume 42, Issue 5, pp 1211–1225 [\[Link\]](#)

- SR-19-63** Elana L. Leithold, Karl W. Wegmann, Delwayne R. Bohnenstiehl, Catelyn N. Joyner, Audrianna F. Pollen
Repeated megaturbidite deposition in Lake Crescent, Washington, USA, triggered by Holocene ruptures of the Lake Creek-Boundary Creek fault system
GSA Bulletin (2019) 131 (11-12): 2039–2055 [\[Link\]](#)
- SR-19-64** M.F. Raczka, N.A. Mosblech, L. Giosan, B.G. Valencia, A.M. Folcik, M. Kingston, S. Baskin, M.B. Bush
A human role in Andean megafaunal extinction?
Quaternary Science Reviews, Volume 205, 1 February 2019, Pages 154-165 [\[Link\]](#)
- SR-19-65** Nicolaj K. Larsen, Laura B. Levy, Astrid Strunk, Anne Sofie Søndergaard, Jesper Olsen, Torben L. Lauridsen
Local ice caps in Finderup Land, North Greenland, survived the Holocene Thermal Maximum
Boreas, Volume 48, Issue 3, July 2019, Pages 551-562, https://doi.org/10.1111/bor.12384 [\[Link\]](#)
- SR-19-66** Stephanie Kusch, Ole Bennike, Bernd Wagner, Matthias Lenz, Ilona Steffen, Janet Rethemeyer
Holocene environmental history in high-Arctic North Greenland revealed by a combined biomarker and macrofossil approach
Boreas, Volume 48, Issue 2, April 2019, Pages 273-286 [\[Link\]](#)
- SR-19-67** Christoph Böttner, Christian Berndt, Benedict T.I. Reinardy, Jacob Geersen, Jens Karstens, Jonathan M. Bull, Ben J. Callow, Anna Lichtschlag, Mark Schmidt, Judith Elger, Bettina Schramm, Matthias Haeckel
Pockmarks in the Witch Ground Basin, Central North Sea
Geochemistry, Geophysics, Geosystems, Volume 20, Issue 4, April 2019, Pages 1698-1719 [\[Link\]](#)
- SR-19-68**
- [\[Link\]](#)
- SR-19-69**
- [\[Link\]](#)
- SR-19-70** Kevin Walsh, Jean-François Berger, C Neil Roberts, Boris Vanniere, Matthieu Ghilardi, Antony G Brown, Jessie Woodbridge, Laurent Lespez, Joan Estrany, Arthur Glais, Alessio Palmisano, Martin Finné, Gert Verstraeten
Holocene demographic fluctuations, climate and erosion in the Mediterranean: A meta data-analysis
The Holocene, Volume: 29 issue: 5, page(s): 864-885 [\[Link\]](#)
- SR-19-71** Po-Kang Shih, Li-Chi Chiang, Sheng-Chi Lin, Tsun-Kuo Chang, Wei-Chan Hsu
Application of Time-Lapse Ion Exchange Resin Sachets (TIERS) for Detecting Illegal Effluent Discharge in Mixed Industrial and Agricultural Areas, Taiwan
Sustainability 2019, 11(11), 3129 [\[Link\]](#)
- SR-19-72** A.L. Deino, R. Dommain, C.B. Keller, R. Potts, A.K. Behrensmeier, E.J. Beverly, J. King, C.W. Heil, M. Stockhecke, E.T. Brown, J. Moerman, P. de Menocal
Chronostratigraphic model of a high-resolution drill core record of the past million years from the Koora Basin, south Kenya Rift: Overcoming the difficulties of variable sedimentation rate and hiatuses
Quaternary Science Reviews, Volume 215, 1 July 2019, Pages 213-231 [\[Link\]](#)
- SR-19-73** Ian W. Croudace, Ludvig Löwemark, Rik Tjallingii, Bernd Zolitschka
High resolution XRF core scanners: A key tool for the environmental and palaeoclimate sciences
Quaternary Science Reviews, https://doi.org/10.1016/j.quaint.2019.05.038 [\[Link\]](#)
- SR-19-74** Paul E. Olsen, Jacques Laskar, Dennis V. Kent, Sean T. Kinney, David J. Reynolds, Jingeng Sha, Jessica H. Whiteside
Mapping Solar System chaos with the Geological Orrery
PNAS May 28, 2019 116 (22) 10664-10673 [\[Link\]](#)
- SR-19-75** Ian Snowball, Bjarne Almqvist, Bryan C Loughheed, Steffen Wiers, Stephen Obrochta, Emilio Herrero-Bervera
Coring induced sediment fabrics at IODP Expedition 347 Sites M0061 and M0062 identified by anisotropy of magnetic susceptibility (AMS): criteria for accepting palaeomagnetic data
Geophysical Journal International, Volume 217, Issue 2, May 2019, Pages 1089–1107 [\[Link\]](#)
- SR-19-76** Dong Li, Liangcheng Tan, Fei Guo, Yanjun Cai, Youbin Sun, Gang Xue, Xing Cheng, Hong Yan, Hai Cheng, R. Lawrence Edwards, Yongli Gao, Jessica Kelley
Application of Avaatech X-ray fluorescence core-scanning in Sr/Ca analysis of speleothems
Science China Earth Sciences, June 2019, Volume 62, Issue 6, pp 964–973 [\[Link\]](#)
- SR-19-77** Agathe Lisé-Pronovost, Michael Shawn Fletcher, Michela Mariani, Quentin Simon
Scientific Drilling at Darwin Crater and Lake Selina: Long Continental Sedimentary Archives from Tasmania
AQUA 2018 [\[Link\]](#)
- SR-19-78**
- [\[Link\]](#)

SR-19-79 M. Tripp, W. Rickard, J. Whiteside, P. Gadd, K. Grice

Exceptionally Well-Preserved Cutin in Extinct Seed Ferns (Carboniferous): Are these Early Angiosperms?
Conference Proceedings, 29th International Meeting on Organic Geochemistry, Sep 2019, Volume 2019, p.1 - 2

[\[Link\]](#)**SR-19-80**[\[Link\]](#)**SR-19-81 Ulaş Avşar, Murat Akar, Charlotte Pearson**

Geoarchaeological Investigations in the Amuq Valley of Hatay: Sediment Coring Project in the Environs of Tell Atchana
72nd Geological Congress of Turkey with international participation, 28 January–01 February 2019, Ankara, Turkey

[\[Link\]](#)**SR-19-82**[\[Link\]](#)**SR-19-83 D. M. Alderson, M. G. Evans, J. J. Rothwell, E. J. Rhodes, S. Boulton**

Geomorphological controls on fluvial carbon storage in headwater peatlands
EARTH SURFACE PROCESSES AND LANDFORMS, Earth Surf. Process. Landforms (2019)

[\[Link\]](#)**SR-19-84 Chelsi A. McNeill-Jewer, Eduard G. Reinhardt, Shawn Collins, Shawn Kovacs, Winnie May Chan, Fred Devos, Chris LeMaillot**

The effect of seasonal rainfall on nutrient input and biological productivity in the Yax Chen cave system (Ox Bel Ha), Mexico, and implications for μ XRF core studies of paleohydrology
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 534, 15 November 2019, 109289

[\[Link\]](#)**SR-19-85 Xiangli HE, Haibing LI, Huan WANG, Jialiang SI, Lei ZHANG, Zhiqin XU, Zhiming SUN**

A New Insight into the Influence of Composition of Fault Rocks on Aseismic and Seismic Fault Slip
Acta Geologica Sinica (English Edition), 2019, 93(3): 760–762

[\[Link\]](#)**SR-19-86 Tais W. Dahl, Marie-Louise Siggaard-Andersen, Niels H. Schovsbo, Daniel O. Persson, Søren Husted, Iben W. Hougaard, Alexander J. Dickson, Kurt Kjær, Arne T. Nielsen**

Brief oxygenation events in locally anoxic oceans during the Cambrian solves the animal breathing paradox
Nature, Scientific Reports volume 9, Article number: 11669 (2019)

[\[Link\]](#)**SR-19-87 Feng Wu, Xinong Xi, Christian Betzler, Weilin Zhu, Youhua Zhu, Laiyuan Guo, Zhaoliang Ma, Huaqing Bai, Benjun Ma**

The impact of eustatic sea-level fluctuations, temperature variations and nutrient-level changes since the Pliocene on tropical carbonate platform (Xisha Islands, South China Sea)
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 514, 15 January 2019, Pages 373-385

[\[Link\]](#)**SR-19-88 Rachael S. Avery, Alan E.S. Kemp, Jonathan M. Bull, Richard B. Pearce, Mark E. Vardy, J. James Fielding, Carol J. Cotterill**

A new varve sequence from Windermere, UK, records rapid ice retreat prior to the Lateglacial Interstadial (GI-1)
Quaternary Science Reviews, Volume 225, 1 December 2019, 105894

[\[Link\]](#)**SR-19-89 Bradley P. Graves, Timothy J. Ralph, Paul P. Hessel, Kira E. Westaway, Tsuyoshi Kobayashi, Patricia S. Gadd, Debashish Mazumder**

Macro-charcoal accumulation in floodplain wetlands: Problems and prospects for reconstruction of fire regimes and environmental conditions
PLOS ONE | https://doi.org/10.1371/journal.pone.0224011 October 24, 2019

[\[Link\]](#)**SR-19-90 Dawei Liu, Sébastien Bertrand, Gert Jan Weltje**

An Empirical Method to Predict Sediment Grain Size From Inorganic Geochemical Measurements
Geochemistry, Geophysics, Geosystems, Volume20, Issue7, July 2019, Pages 3690-3704

[\[Link\]](#)**SR-19-91 F. Demory, M. Uehara, Y. Quesnel, P. Rochette, C. Romey, K. Tachikawa, M. Garcia, D. Borschneck, L. Pignol, E. Bard, V. Andrieu-Ponel**

A New High-Resolution Magnetic Scanner for Sedimentary Sections
Geochemistry, Geophysics, Geosystems, Volume20, Issue7, July 2019, Pages 3186-3200

[\[Link\]](#)**SR-19-92 Gianna Evans, Paul Augustinus, Patricia Gadd, Atun Zawadzki, Amber Ditchfield**

A multi-proxy μ -XRF inferred lake sediment record of environmental change spanning the last ca. 2230 years from Lake Kanono, Northland, New Zealand
Quaternary Science Reviews, Volume 225, 1 December 2019, 106000

[\[Link\]](#)**SR-19-93 Ulaş Avşar**

Sedimentary Traces of Tsunamis in the Aegean Sea During the Last 1500 Years, (Karine Lagoon, W Turkey)
Türkiye Jeoloji Bülteni, Volume 62, Issue 3

[\[Link\]](#)**SR-19-94 Julia L. Diederich, Volker Wennrich, Roberto Bao, Christoph Büttner, Andreas Bolten, Dominik Brill, Stefan Buske, Eduardo Campos, Emma Fernández-Galego, Peggy Gödickmeier, Lukas Ninnemann, Mark Meyers, Benedikt Ritter, Laura Ritterbach, Christian Rolf, Stephanie Scheidt, Tibor J. Dunai, Martin Melles**

A 68 ka precipitation record from the hyperarid core of the Atacama Desert in northern Chile
Global and Planetary Change, Volume 184, January 2020, 103054

[\[Link\]](#)

- SR-19-95** Avriel D. Schweinsberg, Jason P. Briner, Joseph M. Licciardi, Ole Bennike, Nathaniel A. Lifting, Brandon L. Graham, Nicolás E. Young, Joerg M. Schaefer, Susan H. Zimmerman
Multiple independent records of local glacier variability on Nuussuaq, West Greenland, during the Holocene
Quaternary Science Reviews, Volume 215, 1 July 2019, Pages 253-271 [\[Link\]](#)
- SR-19-96** Michael Toomey, Meagan Cantwell, Steven Colman, Thomas Cronin, Jeffrey Donnelly, Liviu Giosan, Clifford Heil, Robert Korty, Marci Marot, Debra Willard
The Mighty Susquehanna—Extreme Floods in Eastern North America During the Past Two Millennia
Geophysical Research Letters, Volume 46, Issue 6, 28 March 2019, Pages 3398-3407 [\[Link\]](#)
- SR-19-97** Simon Belle, Jenny L. Nilsson, Ilmar Tönno, Rene Freiberg, Tobias Vrede, Willem Goedkoop
Climate-induced changes in carbon flows across the plant-consumer interface in a small subarctic lake
Nature, Scientific Reports volume 9, Article number: 17087 (2019) [\[Link\]](#)
- SR-19-98** Kemp, C.W.; Tibby, J.; Arnold, L.J., Barr, C.; Gadd, P.S.; Marshall, J.C.; McGregor, G.B.; Jacobsen, G.E.
Climates of the last three interglacials in subtropical eastern Australia inferred from wetland sediment geochemistry
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 538, 15 January 2020, 109463 [\[Link\]](#)
- SR-19-99** B.L. Valero-Garcés, P. González-Sampériz, G. Gil-Romera, B.M. Benito, A. Moreno, B. Oliva-Urcia, J. Aranbarri, E. García-Prieto, M. Frugone, M. Morellón, L.J. Arnold, M. Demuro, M. Hardiman, S.P.E. Blockley, C.S. Lane
A multi-dating approach to age-modelling long continental records: The 135 ka El Cañizar de Villarquemado sequence (NE Spain)
Quaternary Geochronology, Volume 54, October 2019, 101006 [\[Link\]](#)
- SR-19-100** Jan-Berend W. Stuut, Patrick De Deckker, Mariem Saavedra-Pellitero, Franck Bassinot, Anna Joy Drury, Maureen H. Walczak, Kana Nagashima, Masafumi Murayama
A 5.3-Million-Year History of Monsoonal Precipitation in Northwestern Australia
Geophysical Research Letters, Volume 46, Issue 12, 28 June 2019, Pages 6946-6954 [\[Link\]](#)
- SR-19-101** Konstantinos Panagiotopoulos, Jens Holtvoeth, Katerina Kouli, Elena Marinova, Alexander Francke, Aleksandra Cvetkoska, Elena Jovanovska, Jack H. Lacey, Emma T. Lyons, Connie Buckel, Adele Bertini, Timme Donders, Janna Just, Niklas Leicher, Melanie J. Lengj, Martin Melles, Richard D. Pancost, Laura Sadori, Paul Tauber, Hendrik Vogel, Bernd Wagner, Thomas Wilke
Insights into the evolution of the young Lake Ohrid ecosystem and vegetation succession from a southern European refugium during the Early Pleistocene
Quaternary Science Reviews, Volume 227, 1 January 2020, 106044 [\[Link\]](#)
- SR-19-102** Peter Rasmussen, George Pantopoulos, Jørn B. Jensen, Jesper Olsen, Hans Røy, Ole Bennike
Holocene sedimentary and environmental development of Aarhus Bay, Denmark – a multi-proxy study
Boreas, Volume 49, Issue 1, January 2020, Pages 108-128 [\[Link\]](#)
- SR-19-103** Ji Young Shin, Yongjae Yu, Wonnyon Kim
Wavelet-based verification of a relative paleointensity record from the North Pacific
Earth, Planets and Space, December 2019, 71:88 [\[Link\]](#)
- SR-19-104** Kurt H. Wogau, Helge W. Arz, Harald N. Böhm, Norbert R. Nowaczyk, Jungjae Park
High resolution paleoclimate and paleoenvironmental reconstruction in the Northern Mesoamerican Frontier for Prehistory to Historical times
Quaternary Science Reviews, Volume 226, 15 December 2019, 106001 [\[Link\]](#)
- SR-19-105** Guillemette Ménot, Sébastien Pivot, Ioanna Bouloubassi, Nina Davtian, Rick Hennekam, Delphine Bosch, Emmanuelle Ducassou, Edouard Bard, Sébastien Migeon, Marie Revel
Timing and stepwise transitions of the African Humid Period from geochemical proxies in the Nile deep-sea fan sediments
Quaternary Science Reviews, Volume 228, 15 January 2020, 106071 [\[Link\]](#)
- SR-19-106** Jessica L. Hinojosa, Christopher M. Moy, Marcus Vandergoes, Sarah J. Feakins, Alex L. Sessions
Hydrologic change in New Zealand during the last deglaciation linked to reorganization of the Southern Hemisphere westerly winds
Paleoceanography and Paleoclimatology, <https://doi.org/10.1029/2019PA003656> [\[Link\]](#)
- SR-19-107** Francois Lapointe, Pierre Francus, Joseph S. Stoner, Mark B. Abbott, Nicholas L. Balascio, Timothy L. Cook, Raymond S. Bradley, Steven L. Forman, Mark Besonen, Guillaume St-Onge
Chronology and sedimentology of a new 2.9 ka annually laminated record from South Sawtooth Lake, Ellesmere Island
Quaternary Science Reviews, Volume 222, 15 October 2019, 105875 [\[Link\]](#)
- SR-19-108** Léo Chassiot, Pierre Francus, Arnaud De Coninck, Patrick Lajeunesse, Danielle Cloutier, Thibault Labarre
Dataset for the assessment of metallic pollution in the Saint-Charles River sediments (Québec City, QC, Canada)
Data in Brief, Volume 26, October 2019, 104256 [\[Link\]](#)
- SR-19-109** Jérôme Kaiser, Norbert Wasmund, Mati Kahru, Anna K. Wittenborn, Regina Hansen, Katharina Häusler, Matthias Moros, Detlef Schulz-Bull, Helge W. Arz
Reconstructing N₂-fixing cyanobacterial blooms in the Baltic Sea beyond observations using 6- and 7-methylheptadecanes in sediments as specific biomarkers
Biogeosciences, <https://doi.org/10.5194/bg-2019-455> [\[Link\]](#)

- SR-19-110 Catharina Simone Nisbeth, Jacob Kidmose, Kaarina Weckström, Kasper Reitzel, Bent Vad Odgaard, Ole Bennike, Lærke Thorling, Suzanne McGowan, Anders Schomacker, David Lajer Juul Kristensen, Søren Jessen**
Dissolved Inorganic Geogenic Phosphorus Load to a Groundwater-Fed Lake: Implications of Terrestrial Phosphorus Cycling by Groundwater, *Water* 2019, 11(11), 2213 [\[Link\]](#)
- SR-19-111 Kevin Walsh, Jean-François Berger, C Neil Roberts, Boris Vanniere, Matthieu Ghilardi, Antony G Brown, Jessie Woodbridge, Laurent Lespez, Joan Estrany, Arthur Glais, Alessio Palmisano, Martin Finné, Gert Verstraeten**
Holocene demographic fluctuations, climate and erosion in the Mediterranean: A meta data-analysis
The Holocene, Volume: 29 issue: 5, page(s): 864-885 [\[Link\]](#)
- SR-19-112 Adrianus Damanik, Purna Sulastya Putra, Septiono Hari Nugroho, Rubiyanto Kapid**
HUBUNGAN VERTIKAL ANTARA KELIMPAHAN FORAMINIFERA DAN KARAKTERISTIK SEDIMEN INTI DI SELAT SUMBA, NUSA TENGGARA TIMUR
Jurnal Geologi Kelautan, Vol 17, No 1 (2019) [\[Link\]](#)
- SR-19-113 K. Anggi Hapsari, Tim C. Jennerjahn, Martin C. Lukas, Volker Karius, Hermann Behling**
Intertwined effects of climate and land use change on environmental dynamics and carbon accumulation in a mangrove-fringed coastal lagoon in Java, Indonesia
Global Change Biology, 2020;26:1414–1431. [\[Link\]](#)
- SR-19-114 Sebastian T. Kock, Karsten Schitteck, Holger Wissel, Heinz Vos, Christian Ohlendorf, Frank Schäbitz, Liliana C. Lupo, Julio J. Kulemeyer, Andreas Lücke**
Stable Oxygen Isotope Records ($\delta^{18}O$) of a High-Andean Cushion Peatland in NW Argentina (24° S) Imply South American Summer Monsoon Related Moisture Changes During the Late Holocene
Front. Earth Sci., 22 March 2019 | <https://doi.org/10.3389/feart.2019.00045> [\[Link\]](#)
- SR-19-115 Beibei MI, Zhongbo WANG, Xiaohua QIU, Yong ZHANG, Xianhong LAN**
Reconstruction of the redox environment in Okinawa Trough and its climatic implications since mid-Holocene
Marine Geology & Quaternary Geology, 2019, 39(4): 107-115 [\[Link\]](#)
- SR-19-116 LEONIE PETI, PATRICIA S. GADD, JENNI L. HOPKINS, PAUL C. AUGUSTINUS**
Itrax μ -XRF core scanning for rapid tephrostratigraphic analysis: a case study from the Auckland Volcanic Field maar lakes
Journal of Quaternary Science, <https://doi.org/10.1002/jqs.3133> [\[Link\]](#)
- SR-19-117 Caroline Ladlow, Jonathan D. Woodruff, Timothy L. Cook, Hannah Baranes, Kinuyo Kanamaru**
A fluviially derived flood deposit dating to the Kamikaze typhoons near Nagasaki, Japan
Natural Hazards, November 2019, Volume 99, Issue 2, pp 827–841 [\[Link\]](#)
- SR-19-118**
- [\[Link\]](#)
- SR-19-119 Kock, Sebastian T.; Schitteck, Karsten; Lücke, Andreas; Maldonado, Antonio; Mächtle, Bertil**
Geomorphodynamics as recorded in a high-Andean cushion peatland of the western Chilean Central Andes (27° S) during the last 1800 cal. yr BP
Zeitschrift für Geomorphologie, Supplementary Issues, Volume 62, Number 1, June 2019, pp. 183-205(23) [\[Link\]](#)
- SR-19-120 Sarah E. Crump, Gifford H. Miller, Matthew Power, Julio Sepúlveda, Nadia Dildar, Megan Coghlan, Michael Bunce**
Arctic shrub colonization lagged peak postglacial warmth: Molecular evidence in lake sediment from Arctic Canada
Global Change Biology, Volume 25, Issue 12, December 2019, Pages 4244-4256 [\[Link\]](#)
- SR-19-121 Pierre-Marc Godbout, Martin Roy, Jean J. Veillette**
High-resolution varve sequences record one major late-glacial ice readvance and two drainage events in the eastern Lake Agassiz-Ojibway basin
Quaternary Science Reviews, Volume 223, 1 November 2019, 105942 [\[Link\]](#)
- SR-19-122 M. Cerdà-Domènech, J. Frigola, A. Sanchez-Vidal, M. Canals**
Calibrating high resolution XRF core scanner data to obtain absolute metal concentrations in highly polluted marine deposits after two case studies off Portmán Bay and Barcelona, Spain
Science of The Total Environment, Available online 5 November 2019, 134778 [\[Link\]](#)
- SR-19-123 D.N. Schillereff, R.C. Chiverrell, N. Macdonald, J.M. Hooke, K.E. Welsh, G. Piliposian, I.W. Croudace**
Convergent human and climate forcing of late-Holocene flooding in Northwest England
Global and Planetary Change, Volume 182, November 2019, 102998 [\[Link\]](#)
- SR-19-124 Gwydion Jones, Siwan M. Davies, Richard A. Staff, Neil J. Loader, Sarah J. Davies, Michael J. C. Walker**
Traces of volcanic ash from the Mediterranean, Iceland and North America in a Holocene record from south Wales, UK
Journal of Quaternary Science, <https://doi.org/10.1002/jqs.3141> [\[Link\]](#)

- SR-19-125** Anya Krywy-Janzen, Eduard Reinhardt, Chelsi McNeill-Jewer, Aaron Coutino, Brenda Waltham, Marek Stastna, Dominique Rissolo, Sam Meacham, Peter van Hengstum
Water-level change recorded in Lake Pac Chen Quintana Roo, Mexico infers connection with the aquifer and response to Holocene sea-level rise and Classic Maya droughts
Journal of Paleolimnology, December 2019, Volume 62, Issue 4, pp 373–388 [\[Link\]](#)
- SR-19-126** M. Namık Çağatay, K. Kadir Eriş, Özlem Makaroğlu, Nurettin Yakupoğlu, Pierre Henry, Suzanne A.G. Leroy, Gülsen Uçarkuş, Mehmet Sakınc, Burak Yalamaz, Cerennaz Bozyiğit, Julia Kende
The Sea of Marmara during Marine Isotope Stages 5 and 6
Quaternary Science Reviews, Volume 220, 15 September 2019, Pages 124-141 [\[Link\]](#)
- SR-19-127** Juan I. Santisteban, Rosa Mediavilla, Luis Galán de Frutos, Ignacio López Cilla
Holocene floods in a complex fluvial wetland in central Spain: Environmental variability, climate and time
Global and Planetary Change, Volume 181, October 2019, 102986 [\[Link\]](#)
- SR-19-128** B. Oliva-Urcia, A. Moreno
Discerning the major environmental processes that influence the magnetic properties in three northern Iberia mountain lakes
CATENA, Volume 182, November 2019, 104130 [\[Link\]](#)
- SR-19-129** Torgeir O. Røthe, Jostein Bakke, Eivind Wilhelm Nagel Støren
Glacier outburst floods reconstructed from lake sediments and their implications for Holocene variations of the plateau glacier Folgefonna in western Norway
Boreas, Volume 48, Issue 3, July 2019, Pages 616-634 [\[Link\]](#)
- SR-19-130** Brendan T. Reilly, Joseph S. Stoner, Alan C. Mix, Maureen H. Walczak, Anne Jennings, Martin Jakobsson, Laurence Dyke, Anna Glueder, Keith Nicholls, Kelly A. Hogan, Larry A. Mayer, Robert G. Hatfield, Sam Albert, Shaun Marcott, Stewart Fallon, Maziet Cheseby
Holocene break-up and reestablishment of the Petermann Ice Tongue, Northwest Greenland
Quaternary Science Reviews, Volume 218, 15 August 2019, Pages 322-342 [\[Link\]](#)
- SR-19-131** R. Khosravi, M. Zarei, H. Vogel, M. Bigalke
Early diagenetic behavior of arsenic in the sediment of the hypersaline Maharlu Lake, southern Iran
Chemosphere, Volume 237, December 2019, 124465 [\[Link\]](#)
- SR-19-132** David J. Wangner, Marie-Alexandrine Sicre, Kristian K. Kjeldsen, John M. Jaeger, Anders A. Bjørk, Flor Vermassen, Longbin Sha, Kurt H. Kjær, Vincent Klein, Camilla S. Andresen
Sea surface temperature variability on the SE-Greenland shelf (1796-2013 CE) and its influence on Thrym Glacier in Nørre Skjoldungesund
Paleoceanography and Paleoclimatology, <https://doi.org/10.1029/2019PA003692> [\[Link\]](#)
- SR-19-133** Christoph Mayr, Rebecca E. Smith, M. Luján García, Julieta Massafarro, Andreas Lücke, Nathalie Dubois, Nora I. Maidana, Wolfgang J.-H. Meier, Holger Wissel, Bernd Zolitschka
Historical eruptions of Lautaro Volcano and their impacts on lacustrine ecosystems in southern Argentina
Journal of Paleolimnology, August 2019, Volume 62, Issue 2, pp 205–221 [\[Link\]](#)
- SR-19-134** François Demory, Claire Rambeau, Anne-Elisabeth Lebatard, Mireille Perrin, Syed Blawal, Valérie Andrieu-Ponel, Pierre Rochette, Hülya Alçiçek, Nicolas Boulbes, Didier Bourlès, Cahit Helvacı, Rainer Petschick, Serdar Mayda, Anne-Marie Moigne, Sébastien Nomade, Philippe Ponel, Amélie Vialet, Mehmet Cihat Alçiçek
Chronostratigraphy, depositional patterns and climatic imprints in Lake Acigöl (SW Anatolia) during the Quaternary
Quaternary Geochronology, Volume 56, March 2020, 101038 [\[Link\]](#)
- SR-19-135** Małgorzata Kinder, Wojciech Tylmann, Michał Rzeszewski, Bernd Zolitschka
Varves and mass-movement deposits record distinctly different sedimentation dynamics since the late glacial (Lake Szurpiły, northeastern Poland)
Quaternary Research, DOI: <https://doi.org/10.1017/qua.2019.61> [\[Link\]](#)
- SR-19-136** Hamid A.K. Lahijani, Abdolmajid Naderi Beni, Alina Tudryn, Mona Hosseindoust, Parisa Habibi, Majid Pourkerman
Unraveling extreme events from deep water cores of the south Caspian Sea
Quaternary International, Available online 26 July 2019 [\[Link\]](#)
- SR-19-137** Jonathan Obrist-Farner, Mark Brenner, Jason H. Curtis, William F. Kenney, Carlo Salvinelli
Recent onset of eutrophication in Lake Izabal, the largest water body in Guatemala
Journal of Paleolimnology, December 2019, Volume 62, Issue 4, pp 359–372 [\[Link\]](#)
- SR-19-138** Biagio Giaccio, Niklas Leicher, Giorgio Mannella, Lorenzo Monaco, Eleonora Regattieri, Bernd Wagner, Giovanni Zanchetta, Mario Gaeta, Fabrizio Marra, Sébastien Nomade, Danilo M. Palladino, Alison Pereira, Stephanie Scheidt, Gianluca Sottili, Thomas Wonik, Sabine Wulf, Christian Zeeden, Daniel Ariztegu, Polychronis C. Tzedakis
Extending the tephra and palaeoenvironmental record of the Central Mediterranean back to 430 ka: A new core from Fucino Basin, central Italy
Quaternary Science Reviews, Volume 225, 1 December 2019, 106003 [\[Link\]](#)

- SR-19-139 HAIDEE CADD, MICHAEL-SHAWN FLETCHER, MICHELA MARIANI, HENDRIK HEIJNIS, PATRICIA S. GADD**
The influence of fine-scale topography on the impacts of Holocene fire in a Tasmanian montane landscape
Journal of Quaternary Science, Volume 34, Issue 7, October 2019, Pages 491-498 [\[Link\]](#)
- SR-19-140 Lena M. Thöle, H. Eri Amsler, Simone Moretti, Alexandra Auderset, James Gilgannon, Jörg Lippold, Hendrik Vogel, Xavier Crosta, Alain Mazaud, Elisabeth Michel, Alfredo Martínez-García, Samuel L. Jaccard**
Glacial-interglacial dust and export production records from the Southern Indian Ocean
Earth and Planetary Science Letters, Volume 525, 1 November 2019, 115716 [\[Link\]](#)
- SR-19-141 Kristian Vasskog, John-Inge Svendsen, Jan Mangerud, Kristian Agasøster Haaga, Arve Svean, Eva Maria Lunnan**
Evidence of early deglaciation (18 000 cal a bp) and a postglacial relative sea-level curve from southern Karmøy, south-west Norway
Journal of Quaternary Science, Volume 34, Issue 6, August 2019, Pages 410-423 [\[Link\]](#)
- SR-19-142 Jeannet A. Meima, Dieter Rammlmair**
Investigation of compositional variations in chromitite ore with imaging Laser Induced Breakdown Spectroscopy and Spectral Angle Mapper classification algorithm
Chemical Geology, Volume 532, 20 January 2020, 119376 [\[Link\]](#)
- SR-19-143 Yi Wang, Ingrid L. Hendy, Robert Thunell**
Local and Remote Forcing of Denitrification in the Northeast Pacific for the Last 2,000 Years
Paleoceanography and Paleoclimatology, Volume 34, Issue 8, August 2019, Pages 1517-1533 [\[Link\]](#)
- SR-19-144 Hanfei Yang, Yongjian Huang, Chao Ma, Zhifeng Zhang, Chengshan Wang**
Recognition of Milankovitch cycles in XRF core-scanning records of the Late Cretaceous Nenjiang Formation from the Songliao Basin (northeastern China) and their paleoclimate implications
Journal of Asian Earth Sciences, Available online 4 December 2019, 104183 [\[Link\]](#)
- SR-19-145 Ian C. Fuller, Mark G. Macklin, Willem H.J. Toonen, Jonathan Turner, Kevin Norton**
A 2000 year record of palaeofloods in a volcanically-reset catchment: Whanganui River, New Zealand
Global and Planetary Change, Volume 181, October 2019, 102981 [\[Link\]](#)
- SR-19-146 Qingfeng Ma, Liping Zhu, Junbo Wang, Jianting Ju, Yong Wang, Xinmiao Lü, Thomas Kasper, Torsten Haberzettl**
Late Holocene vegetation responses to climate change and human impact on the central Tibetan Plateau
Science of The Total Environment, Available online 20 November 2019, 135370 [\[Link\]](#)
- SR-19-147 Nadine Dräger, Birgit Plessen, Ulrike Kienel, Michał Stowiński, Arne Ramisch, Rik Tjallingii, Sylvia Pinkerneil, Achim Brauer**
Hypolimnetic oxygen conditions influence varve preservation and $\delta^{13}\text{C}$ of sediment organic matter in Lake Tiefer See, NE Germany
Journal of Paleolimnology, August 2019, Volume 62, Issue 2, pp 181–194 [\[Link\]](#)
- SR-19-148 Lisa Feist, Sebastian Frank, Piero Bellanova, Hannes Laermanns, Christoph Cämmerer, Margret Mathes-Schmidt, Peter Biermanns, Dominik Brill, Pedro J.M. Costa, Felix Teichner, Helmut Brückner, Jan Schwarzbauer, Klaus Reicherter**
The sedimentological and environmental footprint of extreme wave events in Boca do Rio, Algarve coast, Portugal
Sedimentary Geology, Volume 389, 1 July 2019, Pages 147-160 [\[Link\]](#)
- SR-19-149 Cynthia N. McClain, Scott Fendorf, Shane T. Johnson, Alana Menendez, Kate Maher**
Lithologic and redox controls on hexavalent chromium in vadose zone sediments of California's Central Valley
Geochimica et Cosmochimica Acta, Volume 265, 15 November 2019, Pages 478-494 [\[Link\]](#)
- SR-19-150 Bernd Wagner, Hendrik Vogel, Alexander Francke, Tobias Friedrich, Timme Donders, Jack H. Lacey, Melanie J. Leng, Eleonora Regattieri, Laura Sadori, Thomas Wilke, Giovanni Zanchetta, Christian Albrecht, Adele Bertini, Nathalie Combourieu-Nebout, Aleksandra Cvetkoska, Biagio Giaccio, Andon Grazhdani, Torsten Hauffe, Jens Holtvoeth, Sebastien Joannin, Elena Jovanovska, Janna Just, Katerina Kouli, Ilias Kousis, Andreas Koutsodendris, Sebastian Krastel, Markus Lagos, Niklas Leicher, Zlatko Levkov, Katja Lindhorst, Alessia Masi, Martin Melles, Anna M. Mercuri, Sebastien Nomade, Norbert Nowaczyk, Konstantinos Panagiotopoulos, Odile Peyron, Jane M. Reed, Leonardo Sagnotti, Gaia Sinopoli, Björn Stelbrink, Roberto Sulpizio, Axel Timmermann, Slavica Tofilovska, Paola Torri, Friederike Wagner-Cremer, Thomas Wonik, Xiaosen Zhang**
Mediterranean winter rainfall in phase with African monsoons during the past 1.36 million years
Nature volume 573, pages 256–260 (2019) [\[Link\]](#)
- SR-19-151 Jonathan Obrist-Farner, Prudence M. Rice**
Nixtun-Ch'ich' and its environmental impact: Sedimentological and archaeological correlates in a core from Lake Petén Itzá in the southern Maya lowlands, Guatemala
Journal of Archaeological Science: Reports, Volume 26, August 2019, 101868 [\[Link\]](#)
- SR-19-152 J. Unkelbach, K. Kashima, D. Enters, Ch. Dulamsuren, G. Punsalpaamuu, H. Behling**
Late Holocene (Meghalayan) palaeoenvironmental evolution inferred from multi-proxy-studies of lacustrine sediments from the Dayan Nuur region of Mongolia
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 530, 15 September 2019, Pages 1-14 [\[Link\]](#)

- SR-19-153 Kristen K. Beck, Michael-Shawn Fletcher, Patricia S. Gadd, Henk Heijnis, Krystyna M. Saunders, Atun Zawadzki**
The long-term impacts of climate and fire on catchment processes and aquatic ecosystem response in Tasmania, Australia
Quaternary Science Reviews, Volume 221, 1 October 2019, 105892 [\[Link\]](#)
- SR-19-154 Antje Wegwerth, Olaf Dellwig, Sabine Wulf, Birgit Plessen, Ilka C. Kleinhanns, Norbert R. Nowaczyk, Liu Jiabo, Helge W. Arz**
Major hydrological shifts in the Black Sea “Lake” in response to ice sheet collapses during MIS 6 (130–184 ka BP)
Quaternary Science Reviews, Volume 219, 1 September 2019, Pages 126-144 [\[Link\]](#)
- SR-19-155 Anne Sofie Søndergaard, Nicolaj Krog Larsen, Jesper Olsen, Astrid Strunk, Sarah Woodroffe**
Glacial history of the Greenland Ice Sheet and a local ice cap in Qaanaaq, northwest Greenland
Journal of Quaternary Science, Volume 34, Issue 7, October 2019, Pages 536-547 [\[Link\]](#)
- SR-19-156 Francesca Bulian, Dirk Enters, Frank Schlütz, Juliane Scheder, Katharina Blume, Bernd Zolitschka, Felix Bittmann**
Multi-proxy reconstruction of Holocene paleoenvironments from a sediment core retrieved from the Wadden Sea near Norderney, East Frisia, Germany
Estuarine, Coastal and Shelf Science, Volume 225, 30 September 2019, 106251 [\[Link\]](#)
- SR-19-157 Eric Attias, Kelvin Amalokwu, Millie Watts, Ismael Himar Falcon-Suarez, Laurence North, Gao Wei Hu, Angus I. Best, Karen Weitemeyer, Tim A. Minshull**
Gas hydrate quantification at a pockmark offshore Norway from joint effective medium modelling of resistivity and seismic velocity
Marine and Petroleum Geology, Available online 3 December 2019, 104151 [\[Link\]](#)
- SR-19-158 Christoph Mayr, Philipp Stojakowits, Bernhard Lempe, Maarten Blaauw, Volker Diersche, Madleen Grohgan, Matthias López Correa, Christian Ohlendorf, Paula Reimer, Bernd Zolitschka**
High-resolution geochemical record of environmental changes during MIS 3 from the northern Alps (Nesseltalgraben, Germany)
Quaternary Science Reviews, Volume 218, 15 August 2019, Pages 122-136 [\[Link\]](#)
- SR-19-159 J.E. Hunt, I. Jarvis**
The lifecycle of mid-ocean ridge seamounts and their prodigious flank collapses
Earth and Planetary Science Letters, Volume 530, 15 January 2020, 115867 [\[Link\]](#)
- SR-19-160 Xiaolei Wang, Min Yu, Long Wang, Heyu Lin, Bei Li, Chun-Xu Xue, Hao Sun, Xiao-Hua Zhang**
Comparative genomic and metabolic analysis of manganese-oxidizing mechanisms in *Celeribacter manganoxidans* DY25T: Its adaptation to the environment of polymetallic nodules
Genomics, Available online 3 December 2019 [\[Link\]](#)
- SR-19-161 S. Henares, M.E. Donselaar, M.R. Bloemsmas, R. Tjallingii, B. De Wijn, G.J. Weltje**
Quantitative integration of sedimentological core descriptions and petrophysical data using high-resolution XRF core scans
Marine and Petroleum Geology, Volume 110, December 2019, Pages 450-462 [\[Link\]](#)
- SR-19-162 Lawrence M. Kiage, Meghan Howey, Joel Hartter, Michael Palace**
A late Holocene record of human impacts on tropical environments from non-pollen palynomorphs, Albertine Rift, western Uganda
Quaternary Research, DOI: <https://doi.org/10.1017/qua.2019.53> [\[Link\]](#)
- SR-19-163 Víctor Cartelle, Soledad García-Gil**
From a river valley to a ria: Evolution of an incised valley (Ría de Ferrol, north-west Spain) since the Last Glacial Maximum
Sedimentology, Volume 66, Issue 5, August 2019, Pages 1930-1966 [\[Link\]](#)
- SR-19-164 Ludvig Löwemark, Menno Bloemsmas, Ian Croudace, J. Stephen Daly, Robin J. Edwards, Pierre Francus, Jennifer M. Galloway, Braden R.B. Gregory, Jyh-Jaan Steven Huang, Anna F. Jones, Malin Kylander, Ludvig Löwemark, Yangbing Luo, Suzanne Maclachlan, Christian Ohlendorf, R. G. Reinhardt, Christian Stranne, Rik Tjallingii, Jonathan N. Turner**
Practical guidelines and recent advances in the Itrax XRF core-scanning procedure
Quaternary International, vol 514, p16-29 (2019) [\[Link\]](#)
- SR-19-165 Braden R.B. Gregory, R. Timothy Patterson, Eduard G. Reinhardt, Jennifer M. Galloway, Helen M. Roe**
An evaluation of methodologies for calibrating Itrax X-ray fluorescence counts with ICP-MS concentration data for discrete sediment samples
Chemical Geology, Volume 521, 5 September 2019, Pages 12-27 [\[Link\]](#)
- SR-19-166 Braden R.B. Gregory, R. Timothy Patterson, Eduard G. Reinhardt, Jennifer M. Galloway**
The iBox-FC: A new containment vessel for Itrax X-ray fluorescence core-scanning of freeze cores
Quaternary International, vol 514, p76-84 (2019) [\[Link\]](#)
- SR-19-167 Anna F. Jones, Jonathan N. Turner, J. Stephen Daly, Pierre Francus, Robin J. Edwards**
Signal-to-noise ratios, instrument parameters and repeatability of Itrax XRF core scan measurements of floodplain sediments
Quaternary International, vol 514, p44-54 (2019) [\[Link\]](#)
- SR-19-168 Shaun Williams**
Tsunami Elemental Signatures in the Samoan Islands: A Case Study
Intechopen, DOI: [10.5772/intechopen.85639](https://doi.org/10.5772/intechopen.85639) [\[Link\]](#)

- SR-19-169 Ian W. Croudace, Phillip A. Teasdale, Andrew B. Cundy**
200-year industrial archaeological record preserved in an Isle of Man saltmarsh sediment sequence: Geochemical and radiochronological evidence
Quaternary International, vol 514, p195-203 (2019) [\[Link\]](#)
- SR-19-170 A.E. López Pérez, D. Rey, V. Martins, M. Plaza-Morlote, B. Rubio**
Application of multivariate statistical analyses to ItraxTM core scanner data for the identification of deep-marine sedimentary facies: A case study in the Galician Continental Margin
Quaternary International, vol 514, p152-161 (2019) [\[Link\]](#)
- SR-19-171 Jörn Profe, Christian Ohlendorf**
X-ray fluorescence scanning of discrete samples – An economical perspective
Quaternary International, vol 514, p68-75 (2019) [\[Link\]](#)
- SR-19-172 Carl Regnéll, Hafliði Hafliðason, Jan Mangerud, John Inge Svendsen**
Glacial and climate history of the last 24 000 years in the Polar Ural Mountains, Arctic Russia, inferred from partly varved lake sediments
Boreas Volume48, Issue2, Special Issue: Northern Eurasian lakes - late Quaternary glaciation and climate history, April 2019, Pages 432-443 [\[Link\]](#)
- SR-19-173 Leonie Peti, Paul C. Augustinus, Patricia S. Gadd, Sarah J. Davies**
Towards characterising rhyolitic tephra layers from New Zealand with rapid, non-destructive μ -XRF core scanning
Quaternary International, vol 514, p161-172 (2019) [\[Link\]](#)
- SR-19-174 Ayush Raj Gyawali, Junbo Wang, Qingfeng Ma, Yong Wang, Teng Xu, Yun Guo, Liping Zhu**
Paleo-environmental change since the Late Glacial inferred from lacustrine sediment in Selin Co, central Tibet
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 516, 15 February 2019, Pages 101-112 [\[Link\]](#)
- SR-19-175 Matt O'Regan, Helen K. Coxall, Thomas M. Cronin, Richard Gyllencreutz, Martin Jakobsson, Stefanie Kaboth, Ludvig Löwemark, Steffen Wiers, Gabriel West**
Stratigraphic Occurrences of Sub-Polar Planktic Foraminifera in Pleistocene Sediments on the Lomonosov Ridge, Arctic Ocean
Front. Earth Sci., 09 April 2019 | <https://doi.org/10.3389/feart.2019.00071> [\[Link\]](#)
- SR-19-176 Xiumei Li, Mingda Wang, Juzhi Hou**
Centennial-scale climate variability during the past 2000 years derived from lacustrine sediment on the western Tibetan Plateau
Quaternary International, Volume 510, 20 March 2019, Pages 65-75 [\[Link\]](#)
- SR-19-177 Matthias Thienemann, Stephanie Kusch, Hendrik Vogel, Benedikt Ritter, Enno Schefuß, Janet Rethemeyer**
Neoglacial transition of atmospheric circulation patterns over Fennoscandia recorded in Holocene Lake Torneträsk sediments
Boreas, Volume48, Issue2, April 2019, Pages 287-298 [\[Link\]](#)
- SR-19-178 李东, 谭亮成, 郭飞, 蔡演军, 孙有斌, 薛刚, 成星, 晏宏, 程海, R. Lawrence EDWARDS, 高永利, Jessica KELLEY**
Avaatech XRF岩芯扫描分析方法在石笋Sr/Ca测试中的应用
SCIENTIA SINICA Terrae, Volume 49, Issue 6: 1014-1023(2019) [\[Link\]](#)
- SR-19-179 Jyh-Jaan Steven Huang, Kuo-Yen Wei, Ludvig Löwemark, Sheng-Rong Song, Chih-Kai Chuang, Tien-Nan Yang, Meng-Yang Lee, Yu-Be Chen, Chong-Shern Horng, Kuo-Hang Chen, Teh-Quei Lee**
What caused the cultural hiatus in the Iron-Age Kiwulan Site, northeastern Taiwan?
Quaternary International, vol 514, p186-194 (2019) [\[Link\]](#)
- SR-19-180 Christopher Berndt, Peter Frenzel, Attila Çiner**
Intraspecific Length Variation and Shell Thickness of the Ostracod *Cyprideis torosa* (Jones, 1850) as a Potential Tool for Palaeosalinity Characterization
Geosciences 2019, 9(2), 83; <https://doi.org/10.3390/geosciences9020083> [\[Link\]](#)
- SR-19-181 Marco-Barba, J., Burjachs, F., Reed, J.M., Santisteban, C., Usera, J.M., Alberola, C., Expósito, I., Guillem, J., Patchett, F., Vicente, E., Mesquita-Joanes, F., Miracle, M.R.**
Mid-Holocene and historical palaeoecology of the Albufera de València coastal lagoon
Limnetica, 38(1): 353-389 (2019). DOI: 10.23818/limn.38.22 [\[Link\]](#)
- SR-19-182 R.C. Chiverrell, D.A. Sear, J. Warburton, N. Macdonald, D.N. Schillereff, J.A. Dearing, I.W. Croudace, J. Brown, J. Bradley**
Using lake sediment archives to improve understanding of flood magnitude and frequency: recent extreme flooding in northwest UK
Earth Surface Processes and Landforms, Volume44, Issue12, 30 September 2019, Pages 2366-2376 [\[Link\]](#)
- SR-19-183 Jack Longman, Daniel Veres, Volker Wennrich**
Utilisation of XRF core scanning on peat and other highly organic sediments
Quaternary International, v514 p85-96 (2019) [\[Link\]](#)
- SR-19-184 N. Marriner, D. Kaniewski, T. Gambin, B. Gambin, B. Vannièrè, C. Morhange, M. Djamali, K. Tachikawa, V. Robin, D. Rius, E. Bard**
Fire as a motor of rapid environmental degradation during the earliest peopling of Malta 7500 years ago
Quaternary Science Reviews, Volume 212, 15 May 2019, Pages 199-205 [\[Link\]](#)

SR-19-185 Stefanie Kaboth-Bahr, Vianney Denis, Chih-Chieh Su, Matt O'Regan, Richard Gyllencreutz, Martin Jakobsson, Ludvig Löwemark

Deciphering ~45.000 years of Arctic Ocean lithostratigraphic variability through multivariate statistical analysis
Quaternary International, vol 514, p141-151 (2019) [\[Link\]](#)

SR-19-186 Jake R. Walsh, Jessica R. Corman, Samuel E. Munoz

Coupled long-term limnological data and sedimentary records reveal new control on water quality in a eutrophic lake
Limnology and Oceanography, Volume64, Issue51, Special Issue: Long-term Perspectives in Aquatic Research, January 2019, Pages S34-S48 [\[Link\]](#)

SR-19-187 John Inge Svendsen, Lars Martin B. Færseth, Richard Gyllencreutz, Hafliði Hafliðason, Mona Henriksen, Morten N. Hovland, Øystein S. Lohne, Jan Mangerud, Dmitry Nazarov, Carl Regnéll, Joerg M. Schaefer

Glacial and environmental changes over the last 60 000 years in the Polar Ural Mountains, Arctic Russia, inferred from a high-resolution lake record and other observations from adjacent areas
Boreas, Volume48, Issue2, April 2019, Pages 407-431 [\[Link\]](#)

SR-19-188 Neil Roberts, Samantha L. Allcock, Hannah Barnett, Anne Mather, Warren J. Eastwood, Matthew Jones, Nick Primmer, Hakan Yiğitbaşıoğlu, Boris Vannière

Cause-and-effect in Mediterranean erosion: The role of humans and climate upon Holocene sediment flux into a central Anatolian lake catchment
Geomorphology, Volume 331, 15 April 2019, Pages 36-48 [\[Link\]](#)

SR-19-189

[\[Link\]](#)

SR-19-190 Julia Kagiliery, Somsubhra Chakraborty, Autumn Acree, David C. Weindorf, Eric C. Brevik, Nicolas A. Jelinski, Bin Li, Cynthia Jordan

Rapid quantification of lignite sulfur content: Combining optical and X-ray T approaches
International Journal of Coal Geology 216 (2019) 103336 [\[Link\]](#)

SR-19-191

[\[Link\]](#)

SR-19-192 Marjorie Fis, Ian Croudace, David Sear, Peter Langdon, Richard Pearce,

High resolution scanning of South Pacific lake sediment: relative benefits offered by state-of-the-art micro-XRF and SEM systems
International Union for Quaternary Research 20th Congress - 2019, Dublin [\[Link\]](#)

SR-19-193 Claire Archer, Paula Noble, Michael R. Rosen, Leonardo Sagnotti, Fabio Florindo, Scott Mensing, Gianluca Piovesan, Alessandro Maria Michetti

Lakes as paleoseismic records in a seismically-active, low-relief area (Rieti Basin, central Italy)
Quaternary Science Reviews, Volume 211, 1 May 2019, Pages 186-207 [\[Link\]](#)

SR-19-194 Christopher Berndt, Peter Frenzel, Attila Çiner, Gülgün Ertunç, Cengiz Yıldırım

Holocene marginal marine ostracod successions from the Kızılırmak River delta; Implications for depositional environments and sea-level changes at the Southern Black Sea coast
Sedimentary Geology, Volume 382, 15 March 2019, Pages 103-121 [\[Link\]](#)

SR-19-195 G. Mannella, B. Giaccio, G. Zanchetta, E. Regattieri, E.M. Niespolo, A. Pereira, P.R. Renne, S. Nomade, N. Leicher, N. Perchiazzi, B. Wagner

Palaeoenvironmental and palaeohydrological variability of mountain areas in the central Mediterranean region: A 190 ka-long chronicle from the independently dated Fucino palaeolake record (central Italy)
Quaternary Science Reviews, Volume 210, 15 April 2019, Pages 190-210 [\[Link\]](#)

Not sure

SR-19-x01 Claire Archer, Paula Noble, Michael R. Rosen, Leonardo Sagnotti, Fabio Florindo, Scott Mensing, Gianluca Piovesan, Alessandro Maria Michetti

Lakes as paleoseismic records in a seismically-active, low-relief area (Rieti Basin, central Italy)

Quaternary Science Reviews, Volume 211, 1 May 2019, Pages 186-207

[\[Link\]](#)

SR-19-x04 Joana Seguin, John L. Bintliff, Pieter M. Grootes, Thorsten Bauersachs, Walter Dörfler, Christian Heymann, Sturt W. Manning, Samuel Müller, Marie-Josée Nadeau, Oliver Nelleac, Peter Steier, Jan Weber, Eva-Maria Wild, Eleni Zagana, Ingmar Unkel

2500 years of anthropogenic and climatic landscape transformation in the Stymphalia polje, Greece

Quaternary Science Reviews, Volume 213, 1 June 2019, Pages 133-154

[\[Link\]](#)

SR-19-x05 Christopher Berndt, Peter Frenzel, Attila Çiner, Gülgün Ertunç, Cengiz Yıldırım

Holocene marginal marine ostracod successions from the Kızılırmak River delta; Implications for depositional environments and sea-level changes at the Southern Black Sea coast

Sedimentary Geology, Volume 382, 15 March 2019, Pages 103-121

[\[Link\]](#)

SR-19-x07 G. Mannella, B. Giaccio, G. Zanchetta, E. Regattieri, E.M. Niespolo, A. Pereira, P.R. Renne, S. Nomade, N. Leicher, N. Perchiazzi, B. Wagner

Palaeoenvironmental and palaeohydrological variability of mountain areas in the central Mediterranean region: A 190 ka-long chronicle from the independently dated Fucino palaeolake record (central Italy)

Quaternary Science Reviews, Volume 210, 15 April 2019, Pages 190-210

[\[Link\]](#)

- SR-20-01 LEONIE PETI, PATRICIA S. GADD, JENNI L. HOPKINS, PAUL C. AUGUSTINUS**
Itrax μ -XRF core scanning for rapid tepthrostratigraphic analysis: a casestudy from the Auckland Volcanic Field maar lakes
JOURNAL OF QUATERNARY SCIENCE (2020) 35(1-2) 54–65 [\[Link\]](#)
- SR-20-02 Samantha K.Feist, John C.Maclachlan, Eduard G.Reinhardt, Hannah S.Skelding**
Anthropogenic events captured within sediment in Hidden River Cave, Kentucky
Quaternary Science Advances, Volume 1, 1 May 2020, 100001 [\[Link\]](#)
- SR-20-03 James Z. Sippo, Isaac R. Santos, Christian J. Sanders, Patricia Gadd, Quan Hua, Catherine Lovelock, Nadia S. Santini, Scott G. Johnston, Yota Harada, Gloria Reithmeir, Damien T. Maher**
Linking climatic-driven iron toxicity and water stress to a massive mangrove dieback
Biogeosciences 17, 4707–4726, 2020 [\[Link\]](#)
- SR-20-04 Daniel P. Babin, Allison M. Franzese, Sidney R. Hemming, Ian R. Hall, Leah J. LeVay, Stephen Barker, Luis Tejada, Margit H. Simon, the Expedition 361 Scientists**
Data report: X-ray fluorescence core scanning of IODP Site U1474 sediments, Natal Valley, Southwest Indian Ocean, Expedition 361
https://doi.org/10.14379/iodp.proc.361.201.2020 [\[Link\]](#)
- SR-20-05 Wiers, Steffen, Snowball, Ian, O'Regan, Matt, Pearce, Christof**
The Arctic Ocean Manganese Cycle, an Overlooked Mechanism in the Anomalous Palaeomagnetic Sedimentary Record
Frontiers in Earth Science, DOI: 10.3389/feart.2020.00075 [\[Link\]](#)
- SR-20-06 Yuxin Zhou, Jerry F. McManus, Allison W. Jacobel, Kassandra M. Costa, Shouyi Wang, Blanca Alvarez Caraveo**
Enhanced iceberg discharge in the western North Atlantic during all Heinrich events of the last glaciation
Earth and Planetary Science Letters [\[Link\]](#)
- SR-20-07 Kee Hwan Lee, Chang Hwan Kim, Chan Hong Park, Kiho Yang, Sang Hoon Lee, In Soo Lee, You Jin Kwack, Jae Woo Kwak, Jaewoo Jung, Jinwook Kim**
Microbial Diversity Responding to Changes in Depositional Conditions during the Last Glacial and Interglacial Period: NE Ulleung Basin, East Sea (Sea of Japan)
Minerals 2020, 10(3), 208; https://doi.org/10.3390/min10030208 [\[Link\]](#)
- SR-20-08 Ben Pears, Antony G. Brown, Phillip S. Toms, Jamie Wood, David Sanderson, Richard Jones**
A sub-centennial-scale optically stimulated luminescence chronostratigraphy and late Holocene flood history from a temperate river confluence
Geology https://doi.org/10.1130/G47079.1 [\[Link\]](#)
- SR-20-09 Julia L. Diederich, Volker Wennrich, Roberto Bao, Christoph Büttner, Andreas Bolten, Dominik Brill, Stefan Buske, Eduardo Campos, Emma Fernández-Galego, Peggy Gödickmeier, Lukas Ninnemann, Mark Reyers, Benedikt Ritter, Laura Ritterbach, Christian Rolf, Stephanie Scheidt, Tibor J. Dunai, Martin Melles**
A 68 ka precipitation record from the hyperarid core of the Atacama Desert in northern Chile
Global and Planetary Change, Volume 184, January 2020, 103054 [\[Link\]](#)
- SR-20-10 Camille Thomas, Alexander Francke, Hendrik Vogel, Bernd Wagner, Daniel Ariztegui**
Weak influence of paleoenvironmental conditions on the subsurface biosphere of Lake Ohrid in the last 515 ka
Microorganisms 2020, 8(11), 1736; https://doi.org/10.3390/microorganisms8111736 [\[Link\]](#)
- SR-20-11 Ricarda Gatter, Michael A. Clare, James E. Hunt, Millie Watts, B. N. Madhusudhan, Peter J. Talling, Katrin Huhn**
A multi-disciplinary investigation of the AFEN Slide: the relationship between contourites and submarine landslides
Geological Society, London, Special Publications, 500, 173-193, 28 April 2020, https://doi.org/10.1144/SP500-2019-184 [\[Link\]](#)
- SR-20-12 Xiaojing Du, Ingrid HENDY, Linda Hinnov, Erik Brown, Arndt Schimmelmann, Dorothy Pak**
Interannual Southern California Precipitation Variability During the Common Era and the ENSO Teleconnection
Geophysical Research Letter, Volume47, Issue1, 16 January 2020, e2019GL085891 [\[Link\]](#)
- SR-20-13 Bingjie Yang, Anne Birgitte Nielsen, Karl Ljung, Elise Fahlgren, Anne Hormes, Dan Hammarlund**
Quantitative landscape reconstruction and erosion history during the past 1,100 years in the Skogaryd Research Catchment, southern Sweden
Vegetation History and Archaeobotany (2020) 29:657–670 [\[Link\]](#)
- SR-20-14 Pears, B.; Brown, A.G.; Carroll, J.; Toms, P.; Wood, J.; Jones, R.**
Early Medieval Place-Names and Riverine Flood Histories: A New Approach and New Chronostratigraphic Records for Three English Rivers
European Journal of Archaeology, https://doi.org/10.1017/ea.2019.72 [\[Link\]](#)
- SR-20-15 Sofia E. Kjellman, Anders Schomacker, Elizabeth K. Thomas, Lena Håkansson, Sandrine Duboscq, Allison A. Cluett, Wesley R. Farnsworth, Lis Allaart, Owen C. Cowling, Nicholas P. McKay, Skafti Brynjólfsson, Ólafur Ingólfsson**
Holocene precipitation seasonality in northern Svalbard: Influence of sea ice and regional ocean surface conditions
Quaternary Science Reviews, Volume 240, 15 July 2020, 106388 [\[Link\]](#)
- SR-20-16 William D. Gosling, David A. Sear, Jonathan D. Hassall, Pete G. Langdon, Mick N. T. Bönner, Tessa D. Driessen, Zoë R. van Kemenade, Kevin Noort, Melanie J. Leng, Ian W. Croudace, Anna J. Bourne, Crystal N. H. McMichael**
Human occupation and ecosystem change on Upolu (Samoa) during the Holocene
Journal of Biogeography, Volume47, Issue3, March 2020, Pages 600-614 [\[Link\]](#)

- SR-20-17** Wolf Dummann, Sebastian Steinig, Peter Hofmann, Matthias Lenz, Stephanie Kusch, Sascha Flögel, Jens Olaf Herrle, Christian Hallmann, Janet Rethemeyer, Haino Uwe Kasper, Thomas Wagner
Driving mechanisms of organic carbon burial in the Early Cretaceous South Atlantic Cape Basin (DSDP Site 361)
Climate in the Past, <https://doi.org/10.5194/cp-2020-15> [\[Link\]](#)
- SR-20-18** Gwydion Jones, Siwan M. Davies, Richard A. Staff, Neil J. Loader, Sarah J. Davies, Michael J. C. Walker
Traces of volcanic ash from the Mediterranean, Iceland and North America in a Holocene record from south Wales, UK
J Quaternary Science, Volume 35, Issue 1-2, January-February 2020, Pages 163-174 [\[Link\]](#)
- SR-20-19** D Peteet, J Nichols, D Pederson, T Kenna, C Chang, B Newton, S Vincent
Climate and anthropogenic controls on blue carbon sequestration in Hudson River tidal marsh, Piermont, New York
Environmental Research Letters, Volume 15, Number 6 [\[Link\]](#)
- SR-20-20** Linn H. Voldstad, Inger G. Alsos, Wesley R. Farnsworth, Peter D. Heintzman, Lena Håkansson, Sofia E. Kjellman, Alexandra Rouillard, Anders Schomacker, Pernille B. Eidesen
A complete Holocene lake sediment ancient DNA record reveals long-standing high Arctic plant diversity hotspot in northern Svalbard
Quaternary Science Reviews, Volume 234, 15 April 2020, 106207 [\[Link\]](#)
- SR-20-21** David J. Wangner, Marie-Alexandrine Sicre, Kristian K. Kjeldsen, John M. Jaeger, Anders A. Bjørk, Flor Vermassen, Longbin Sha, Kurt H. Kjær, Vincent Klein, Camilla S. Andresen
Sea Surface Temperature Variability on the SE-Greenland Shelf (1796–2013 CE) and Its Influence on Thrym Glacier in Nørre Skjoldungesund
Paleoceanography and Paleoclimatology, March 2020, e2019PA003692 [\[Link\]](#)
- SR-20-22** Stephanie H. Arcusa, Tobias Schneider, Pablo V. Mosquera, Hendrik Vogel, Darrell Kaufman, Sönke Szidat, Martin Grosjean
Late Holocene tephrostratigraphy from Cajas National Park, southern Ecuador
Andean geology, versión On-line ISSN 0718-7106, AndGeo vol.47 no.3 Santiago set. 2020 [\[Link\]](#)
- SR-20-23** Jérôme Kaiser, Norbert Wasmund, Mati Kahru, Anna K. Wittenborn, Regina Hansen, Katharina Häusler, Matthias Moros, Detlef Schulz-Bull, Helge W. Arz
Reconstructing N₂-fixing cyanobacterial blooms in the Baltic Sea beyond observations using 6- and 7-methylheptadecane in sediments as specific biomarkers
Biogeosciences, 17, 2579–2591, 2020 [\[Link\]](#)
- SR-20-24** Konstantinos Panagiotopoulos, Jens Holtvoeth, Katerina Kouli, Elena Marinova, Alexander Francke, Aleksandra Cvetkoska, Elena Jovanovska, Jack H. Lacey, Emma T. Lyons, Connie Buckel, Adele Bertini, Timme Donders, Janna Just, Niklas Leicher, Melanie J. Leng, Martin Melles, Richard D. Pancost, Laura Sadori, Paul Tauber, Hendrik Vogel, Bernd Wagner, Thomas Wilke
Insights into the evolution of the young Lake Ohrid ecosystem and vegetation succession from a southern European refugium during the Early Pleistocene
Quaternary Science Reviews, Volume 227, 1 January 2020, 106044 [\[Link\]](#)
- SR-20-25** Timothy L. Cook, Noah P. Snyder, W. Wyatt Oswald, Kay Paradis
Timber harvest and flood impacts on sediment yield in a postglacial, mixed-forest watershed, Maine, USA
Anthropocene, Volume 29, March 2020, 100232 [\[Link\]](#)
- SR-20-26** David A. Sear, Melinda S. Allen, Jonathan D. Hassall, Ashley E. Maloney, Peter G. Langdon, Alex E. Morrison, Andrew C. G. Henderson, Helen Mackay, Ian W. Croudace, Charlotte Clarke, Julian P. Sachs, Georgiana Macdonald, Richard C. Chiverrell, Melanie J. Leng, L. M. Cisneros-Dozal, Thierry Fonville, Emma Pearson
Human settlement of East Polynesia earlier, incremental, and coincident with prolonged South Pacific drought
PNAS April 21, 2020 vol. 117 no. 16 8813–8819 [\[Link\]](#)
- SR-20-27** Peter Rasmussen, George Pantopoulos, Jørn B. Jensen, Jesper Olsen, Hans Røy, Ole Bennike
Holocene sedimentary and environmental development of Aarhus Bay, Denmark – a multi-proxy study
Boreas, Volume 49, Issue 1, January 2020, Pages 108-128 [\[Link\]](#)
- SR-20-28** Nichola Ann Strandberg, Aleftin Barliaev, Helene Martinsson-Wallin, Jan Risberg, Martina Hättestrand, Ian Croudace, Malin Kylander, Yusuke Yokoyama
Landscape development at Lina myr fen, Eastern Gotland, 9000–2500 cal. yr BP
The Holocene, https://doi.org/10.1177/0959683620913919 [\[Link\]](#)
- SR-20-29** V. Zuchuat, A.R.N. Sleveland, R.J. Twitchett, H.H. Svensen, H. Turner, L.E. Augland, M.T. Jones, Ø. Hammer, B.T. Hauksson, H. Hafliðason, I. Midtkandal, S. Planke
A new high-resolution stratigraphic and palaeoenvironmental record spanning the End-Permian Mass Extinction and its aftermath in central Spitsbergen, Svalbard
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 554, 15 September 2020, 109732 [\[Link\]](#)
- SR-20-30** Peter M. Abbott, Britta J.L. Jensen, David J. Lowe, Takehiko Suzuki, Daniel Veres
Crossing new frontiers: extending tephrochronology as a global geoscientific research tool
Journal of Quaternary Science 35: 1-8. (DOI: 10.1002/jqs.3184) [\[Link\]](#)

- SR-20-31** Paula A. Rodríguez-Zorro, Marie-Pierre Ledru, Edouard Bard, Olga Aquino-Alfonso, Adriana Camejo, Anne-Laure Daniau, Charly Favier, Marta Garcia, Thays D. Mineli, Frauke Rostek, Fresia Ricardi-Branco, André Oliveira Sawakuchi, Quentin Simon, Kazuyo Tachikawa, Nicolas Thouveny
Shut down of the South American summer monsoon during the penultimate glacial
Sci Rep 10, 6275 (2020). <https://doi.org/10.1038/s41598-020-62888-x> [\[Link\]](#)
- SR-20-32** Adriana Aránguiz-Acuña, José A. Luque, Héctor Pizarro, Mauricio Cerda, Inger Heine-Fuster, Jorge Valdés, Emma Fernández-Galego, Volker Wennrich
Aquatic community structure as sentinel of recent environmental changes unraveled from lake sedimentary records from the Atacama Desert, Chile
PLoS ONE 15(2): e0229453, <https://doi.org/10.1371/journal.pone.0229453> [\[Link\]](#)
- SR-20-33** K. Anggi Hapsari, Tim C. Jennerjahn, Martin C. Lukas, Volker Karius, Hermann Behling
Intertwined effects of climate and land use change on environmental dynamics and carbon accumulation in a mangrove-fringed coastal lagoon in Java, Indonesia
Global Change Biology, 2020;26:1414–1431. [\[Link\]](#)
- SR-20-34** Brian Yellen, Jonathan Woodruff, Caroline Ladlow, David K. Ralston, Sarah Fernald, Waverly Lau
Rapid Tidal Marsh Development in Anthropogenic Backwaters
EarthArXiv, <https://doi.org/10.31223/osf.io/ga5pm> [\[Link\]](#)
- SR-20-35** Özlem Makaroğlu, Norbert R Nowaczyk, Kadir K Eriş, M Namık Çağatay
High-resolution palaeomagnetic record from Sea of Marmara sediments for the last 70 ka
Geophysical Journal International, Volume 222, Issue 3, September 2020, Pages 2024–2039 [\[Link\]](#)
- SR-20-36** Francisco Ríos, Rolf Kilian, Carina B. Lange, Oscar Baeza-Urrea, Helge W. Arz, Mark Zindorf, Ricardo De Pol-Holz, Frank Lamy
Environmental and coastline changes controlling Holocene carbon accumulation rates in fjords of the western Strait of Magellan region
Continental Shelf Research, Volume 199, 1 August 2020, 104101 [\[Link\]](#)
- SR-20-37** Vincent Gaffney, Simon Fitch, Martin Bates, Roselyn L. Ware, Tim Kinnaird, Benjamin Gearey, Tom Hill, Richard Telford, Cathy Batt, Ben Stern, John Whittaker, Sarah Davies, Mohammed Ben Sharada, Rosie Everett, Rebecca Cribdon, Logan Kistler, Sam Harris, Kevin Kearney, James Walker, Merle Muru, Derek Hamilton, Matthew Law, Richard Bates, Robin G. Allaby
Multi-proxy evidence for the impact of the Storegga Slide Tsunami on the early Holocene landscapes of the southern North Sea
bioRxiv, doi: <https://doi.org/10.1101/2020.02.24.962605> [\[Link\]](#)
- SR-20-38** Sena Akçer-Ön, Alan M. Greaves, Sturt W. Manning, Z. Bora Ön, M. Namık Çağatay, Mehmet Sakıncı, Aslı Oflaz, Cemal Tunoğlu, Rana Salihoglu
Redating the formation of Lake Bafa, western Turkey: Integrative geoarchaeological methods and new environmental and dating evidence
Geoarchaeology, Volume 35, Issue 5, September/October 2020, Pages 659-677 [\[Link\]](#)
- SR-20-39** François Demory, Claire Rambeau, Anne-Elisabeth Lebatard, Mireille Perrin, Syed Blawal, Valérie Andrieu-Ponel, Pierre Rochette, Hülya Alçiçek, Nicolas Boulbes, Didier Bourlès, Cahit Helvacı, Rainer Petschick, Serdar Mayda, Anne-Marie Moigne, Sébastien Nomade, Philippe Ponel, Amélie Vialet, Mehmet Cihat Alçiçek
Chronostratigraphy, depositional patterns and climatic imprints in Lake Acıgöl (SW Anatolia) during the Quaternary
Quaternary Geochronology, Volume 56, March 2020, 101038 [\[Link\]](#)
- SR-20-40** Yan Zhao, Polychronis C. Tzedakis, Quan Li, Feng Qin, Qiaoyu Cui, Chen Liang, H. John B. Birks, Yaoliang Liu, Zhiyong Zhang, Junyi Ge, Hui Zhao, Vivian A. Felde, Chenglong Deng, Maotang Cai, Huan Li, Weihe Ren, Haicheng Wei, Hanfei Yang, Jiawu Zhang, Zicheng Yu, Zhengtang Guo
Evolution of vegetation and climate variability on the Tibetan Plateau over the past 1.74 million years
Science Advances, Vol 6, No. 19, 06 May 2020 [\[Link\]](#)
- SR-20-41** Wolfgang Kuefner, Andrea M. Hofmann, Juergen Geist, Uta Raeder
Evaluating climate change impacts on mountain lakes by applying the new silicification value to paleolimnological samples
Science of The Total Environment, Volume 715, 1 May 2020, 136913 [\[Link\]](#)
- SR-20-42** Antonio Cattaneo, Shray Badhani, Cristina Caradonna, Massimo Bellucci, Estelle Leroux, Nathalie Babonneau, Sébastien Garziglia, Jeffrey Poort, Grigori G. Akhmanov, Germain Bayon, Bernard Dennielou, Gwenael Jouet, Sébastien Migeon, Marina Rabineau, Laurence Droz, Michael Clare
The Last Glacial Maximum Balearic Abyssal Plain megabed revisited
Geological Society, London, Special Publications, 500, 341-357, 14 May 2020, <https://doi.org/10.1144/SP500-2019-188> [\[Link\]](#)
- SR-20-43** Jessica B. Volz, Laura Haffert, Matthias Haeckel, Andrea Koschinsky, Sabine Kasten
Impact of small-scale disturbances on geochemical conditions, biogeochemical processes and element fluxes in surface sediments of the eastern Clarion–Clipperton Zone, Pacific Ocean
Biogeosciences, 17, 1113–1131, 2020 [\[Link\]](#)

- SR-20-44 Benjamin Dietre, Thomas Reitmaier, Christoph Walser, Theresa Warnk, Ingmar Unkel, Irka Hajdas, Karsten Lambers, Daniel Reidl, Jean Nicolas Haas**
Steady transformation of primeval forest into subalpine pasture during the Late Neolithic to Early Bronze Age (2300–1700 BC) in the Silvretta Alps, Switzerland
The Holocene, 2020, Vol. 30(3) 355–368 [\[Link\]](#)
- SR-20-45 Jean-Philippe Degeai, Frédérique Bertinello, Matteo Vacchi, Laurent Augustin, Alain de Moya, Luigi Ardito, Benoît Devillers**
A new interpolation method to measure delta evolution and sediment flux: Application to the late Holocene coastal plain of the Argens River in the western Mediterranean
Marine Geology, Volume 424, June 2020, 106159 [\[Link\]](#)
- SR-20-46 S Andò, S Aharonovich, A Hahn, SC George, PD Clift, E Garzanti**
Integrating heavy-mineral, geochemical and biomarker analyses of Plio-Pleistocene sandy and silty turbidites: a novel approach for provenance studies (Indus Fan, IODP Expedition 355)
Geological Magazine, DOI: <https://doi.org/10.1017/S0016756819000773> [\[Link\]](#)
- SR-20-47 Quentin Simon, Marie-Pierre Ledru, André Oliveira Sawakuchi, Charly Favier, Thays D. Mineli, Carlos H. Grohmann, Marco Guedes, Edouard Bard, Nicolas Thouveny, Marta Garcia, Kazuyo Tachikawa, Paula A. Rodríguez-Zorro, ASTER Team**
Chronostratigraphy of a 1.5±0.1 Ma composite sedimentary record from Colônia basin (SE Brazil): Bayesian modeling based on paleomagnetic, authigenic ¹⁰Be/⁹Be, radiocarbon and luminescence dating
Quaternary Geochronology, Volume 58, June 2020, 101081 [\[Link\]](#)
- SR-20-48 Eric Attias, Kelvin Amalokwu, Millie Watts, Ismael Himar Falcon-Suarez, Laurence North, Gao Wei Hu, Angus I. Best, Karen Weitemeyer, Tim A. Minshull**
Gas hydrate quantification at a pockmark offshore Norway from joint T effective medium modelling of resistivity and seismic velocity
Marine and Petroleum Geology 113 (2020) 104151 [\[Link\]](#)
- SR-20-49 R. Timothy Patterson, Veronica Mazzella, Andrew L. Macumber, Braden R. B. Gregory, Calder W. Patterson, Nawaf A. Nasser, Helen M. Roe, Jennifer M. Galloway, Eduard G. Reinhardt**
A novel protocol for mapping the spatial distribution of storm derived sediment in lakes
SN Applied Sciences volume 2, Article number: 2125 (2020) [\[Link\]](#)
- SR-20-50 Ann G. Dunlea, Richard W. Murray, Ryuji Tada, Carlos A. Alvarez-Zarikian, Chloe H. Anderson, Adrian Gilli, Liviu Giosan, Thomas Gorgas, Rick Hennekam, Tomohisa Irino, Masafumi Murayama, Larry C. Peterson, Gert-Jan Reichart, Arisa Seki, Hongbo Zheng, Martin Ziegler**
Intercomparison of XRF Core Scanning Results From Seven Labs and Approaches to Practical Calibration
Geochemistry, Geophysics, Geosystems Volume 21, Issue 9, September 2020 [\[Link\]](#)
- SR-20-51 Ladislav Nejman, Philip Hughes, Marjorie Sullivan, Duncan Wright, Amy Mosig Way, Nicholas Skopal, Ondřej Mlejnek, Petr Škrdla, Lenka Lisá, Matěj Kmošek, Miriam Nývltová Fišáková, Miroslav Králík, Petr Neruda, Zdeňka Nerudová, Antonín Přichystal**
Preliminary report of the 2019 excavation at Švédův Stůl Cave in the Moravian Karst
Přehled výzkumů 61/1, 2020 X 11–19 [\[Link\]](#)
- SR-20-52 Ana Carolina S.S. Santos, Vanessa Hatje**
Reconstrução Histórica de Elementos Traço em Testemunhos Sedimentares da Baía de Todos os Santos Empregando um Scanner de Fluorescência de Raios-X (ITRAX). [\[Link\]](#)
- SR-20-53 Xilin Zhang, Dejiang Fan, Yuan Tian, Zhilei Sun, Bin Zhai, Ming Liu, Bin Chen, Zuosheng Yang**
Quantitative reconstruction of the East Asian Winter Monsoon evolution over the past 100 years: Evidence from high-resolution sedimentary records of the inner continental shelf of the East China Sea
The Holocene, <https://doi.org/10.1177/0959683620908661> [\[Link\]](#)
- SR-20-54 Bianca B. Perren, Dominic A. Hodgson, Stephen J. Roberts, Louise Sime, Wim Van Nieuwenhuyze, Elie Verleyen, Wim Vyverman**
Southward migration of the Southern Hemisphere westerly winds corresponds with warming climate over centennial timescales
Communications Earth & Environment volume 1, Article number: 58 (2020) [\[Link\]](#)
- SR-20-55 Timothy A. Minshull, Hector Marín-Moreno, Peter Betlem, Joerg Bialas, Stefan Bünz, Ewa Burwicz, Alejandra L. Cameselle, Gunay Cifci, Michela Giustiniani, Jess I.T. Hillman, Sebastian Hölz, John R. Hopper, Gabriel Ion, Ricardo León, Vitor Magalhaes, Yizhaq Makovsky, Maria-Pilar Mata, Michael D. Max, Tove Nielsen, Seda Okay, Ilia Ostrovsky, Nick O'Neill, Luis M. Pinheiro, Andreia A. Plaza-Faverola, Daniel Rey, Srikumar Roy, Katrin Schwalenberg, Kim Senger, Sunil Vadakkepuliambatta, Atanas Vasilev, Juan-Tomás Vázquez**
Hydrate occurrence in Europe: A review of available evidence
Marine and Petroleum Geology, Volume 111, January 2020, Pages 735-764 [\[Link\]](#)

- SR-20-56 Dominik Schmitt, Eberhard Gischler, Flavio S. Anselmetti, Hendrik Vogel**
Caribbean cyclone activity: an annually-resolved Common Era record
Scientific Reports volume 10, Article number: 11780 (2020) [\[Link\]](#)
- SR-20-57 Hanfei Yang, Yan Zhao, Qiaoyu Cui, Weihe Ren, Quan Li**
Paleoclimatic indication of X-ray fluorescence core-scanned Rb/Sr ratios: A case study in the Zoige Basin in the eastern Tibetan Plateau
Science China Earth Sciences (2020) [\[Link\]](#)
- SR-20-58 Paul D. Zander, Maurycy Źarczyński, Hendrik Vogel, Wojciech Tylmann, Agnieszka Wacnik, Andrea Sanchini, Martin Grosjean**
A high-resolution record of Holocene primary productivity and water-column mixing from the varved sediments of Lake Źabińskie, Poland
Science of The Total Environment, Volume 755, Part 2, 10 February 2021, 143713 [\[Link\]](#)
- SR-20-59 Charles French, Chris O. Hunt, Reuben Grima, Rowan McLaughlin, Simon Stoddart & Caroline Malone**
Temple landscapes Fragility, change and resilience of Holocene environments in the Maltese Islands
ISBN: 978-1-902937-99-1 [\[Link\]](#)
- SR-20-60 Astrid Strunk, Jesper Olsen, Hamed Sanei, Arka Rudra, Nicolaj K. Larsen**
Improving the reliability of bulk sediment radiocarbon dating
Quaternary Science Reviews, Volume 242, 15 August 2020, 106442 [\[Link\]](#)
- SR-20-61 P. De Deckker, M. Moros, K. Perner, T. Blanz, L. Wacker, R. Schneider, T. T. Barrows, T. O’Loingsigh, E. Jansen**
Climatic evolution in the Australian region over the last 94 ka - spanning human occupancy -, and unveiling the Last Glacial Maximum
Quaternary Science Reviews, Volume 249, 1 December 2020, 106593 [\[Link\]](#)
- SR-20-62 Lukas W. M. Becker, Hans Petter Sejrup, Berit O. Hjelstuen, Hafliði Hafliðason, Heidi Kjennbakken, Johannes P. Werner**
Palaeo-productivity record from Norwegian Sea enables North Atlantic Oscillation (NAO) reconstruction for the last 8000 years
npj Climate and Atmospheric Science volume 3, Article number: 42 (2020) [\[Link\]](#)
- SR-20-63 Fei Guo, Steven C. Clemens, Ting Wang, Yang Wang, Yuming Liu, Feng Wu, Xingxing Liu, Zhangdong Jinad, Youbin Sun**
Monsoon variations inferred from high-resolution geochemical records of the Linxia loess/paleosol sequence, western Chinese Loess Plateau
CATENA, Volume 198, March 2021, 105019 [\[Link\]](#)
- SR-20-64 Brandi L. MacDonald, James C. Chatters, Eduard G. Reinhardt, Fred Devos, Sam Meacham, Dominique Rissolo, Barry Rock, Chris Le Maillot, David Stalla, Marc D. Marino, Eric Lo, Pilar Luna Erreguerena**
Paleoindian ochre mines in the submerged caves of the Yucatán Peninsula, Quintana Roo, Mexico
Sci. Adv. 2020; 6 : eaba1219 3 July 2020 [\[Link\]](#)
- SR-20-65 Dou Yanguang, Cai Feng, Li, Li Qing, Zhao Jingtao, ZOU Liang, Wang Libo**
The Geological Chronology and Sedimentary Evidence of the Slump Deposition of the East China Sea Slope during the Last Glacial Maximum Period-Holocene
Quaternary Research 2020, Vol. 40 Issue (3): 704-711 [\[Link\]](#)
- SR-20-66 Shaun Williams, Ausetalia Titimaea, Cyprien Bosserelle, Lameko Simanu, Gegar Prasetya**
Reassessment of Long-Term Tsunami Hazards in Samoa Based on Sedimentary Signatures
Geosciences 2020, 10(12), 481; <https://doi.org/10.3390/geosciences10120481> [\[Link\]](#)
- SR-20-67 Gregory de Wet, Raymond S. Bradley, William J. D’Andrea, Nicholas L. Balascio, Isla Castañeda, Lorelei Curtin, Dana MacDonald, Jostein Bakke**
Re-assessing the arrival of humans in the Faroe Islands and their impacts on the environment based on a lake sediment record from Eiðisvatn
https://www.geo.umass.edu/climate/papers2/de_Wet_etal_2020.pdf [\[Link\]](#)
- SR-20-68 Yuxin Zhou , Jerry McManus, Allison Jacobel, Cassandra Costa, Shouyi Wang, Blanca Alvarez Caraveo**
Enhanced iceberg discharge in the western North Atlantic during all Heinrich events of the last glaciation
Earth and Planetary Science Letters, <https://doi.org/10.31223/osf.io/yn57z> [\[Link\]](#)
- SR-20-69 Hokuto Higaki, Tohoku Daigaku, Kazuhisa Goto, Tokyo Daigaku Daigakuin, Hideaki Yanagisawa, Tohoku Gakuin Daigaku, Daisuke Sugawara, Tohoku Daigaku, Takashi Ishizawa**
Three thousand year paleo-tsunami history of the southern part of the Japan Trench
Research Square, <https://doi.org/10.21203/rs.3.rs-50008/v2> [\[Link\]](#)
- SR-20-70 Alena Giesche, Umberto Lombardo, Walter Finsinger, Heinz Veit**
Reconstructing Holocene landscape and environmental changes at Lago Rogaguado, Bolivian Amazon
Journal of Paleolimnology (2020) [\[Link\]](#)

- SR-20-71 Daniela Müller, Rik Tjallingii, Mateusz Płóciennik, Tomi P. Luoto, Bartosz Kotrys, Birgit Plessen, Arne Ramisch, Markus J. Schwab, Mirosław Błaszczewicz, Michał Słowiński, Achim Brauer**
New insights into lake responses to rapid climate change: the Younger Dryas in Lake Gościąż, central Poland
Boreas, <https://doi.org/10.1111/bor.12499> [\[Link\]](#)
- SR-20-72 D. Gebregiorgis, L. Giosan, E. C. Hathorne, P. Anand, K. Nilsson-Kerr, A. Plass A. Lückge, S. C. Clemens, M. Frank**
What Can We Learn From X-Ray Fluorescence Core Scanning Data? A Paleomonsoon Case Study
Geochemistry, Geophysics, Geosystems, Volume21, Issue,2February 2020 [\[Link\]](#)
- SR-20-73 Alessandra Smedile, Flavia Molisso, Catherine Chagué, Marina Iorio, Paolo Marco De Martini, Stefania Pinzi, Philip E. F. Collins, Leonardo Sagnotti, Daniela Pantosti**
New coring study in Augusta Bay expands understanding of offshore tsunami deposits (Eastern Sicily, Italy)
Volume67, Issue3, April 2020, Pages 1553-1576 [\[Link\]](#)
- SR-20-74 Richard Potts, René Dommain, Jessica W. Moerman, Anna K. Behrensmeyer, Alan L. Deino, Simon Riedl, Emily J. Beverly, Erik T. Brown, Daniel Deocampo, Rahab Kinyanjui, Rachel Lupien, R. Bernhart Owen, Nathan Rabideaux, James M. Russell, Mona Stockhecke, Peter de Menocal, J. Tyler Faith, Yannick Garcin, Anders Noren, Jennifer J. Scott, David Western, Jordon Bright, Jennifer B. Clark, Andrew S. Cohen, C. Brehnin Keller, John King, Naomi E. Levin, Kristina Brady Shannon, Veronica Muiruri, Robin W. Renaut, Stephen M. Rucina, Kevin Uno**
Increased ecological resource variability during a critical transition in hominin evolution
Sci. Adv. 2020; 6 : eabc8975 21 October 2020 [\[Link\]](#)
- SR-20-75 Zhe Sun, Kan Yuan, Xiaohuan Hou, Kejia Ji, Can-Ge Li, Mingda Wang, Juzhi Hou**
Centennial-scale interplay between the Indian Summer Monsoon and the Westerlies revealed from Ngamring Co, southern Tibetan Plateau
The Holocene, v30 (8), p1163-1173 2020 [\[Link\]](#)
- SR-20-76 Fielding, J. James; Croudace, Ian; Kemp, Alan; Pearce, Richard; Cotterill, Carol; Langdon, Peter; Avery, Rachael**
Tracing lake pollution, eutrophication and partial recovery from the sediments of Windermere, UK, using geochemistry and sediment microfabrics
Science of the Total Environment, 722, 1-20, [137745]. (doi:10.1016/j.scitotenv.2020.137745) [\[Link\]](#)
- SR-20-77 James Hooper, Samuel K Marx, Jan-Hendrik May, Liliana C Lupo, Julio J Kulemeyer, Elizabeth de los Á Pereira, Osamu Seki, Henk Heijnis, David Child, Patricia Gadd, Atun Zawadzki**
Dust deposition tracks late-Holocene shifts in monsoon activity and the increasing role of human disturbance in the Puna-Altiplano, northwest Argentina
The Holocene, 2020, Vol. 30(4) 519–536 [\[Link\]](#)
- SR-20-78 Kolbjørn Engeland, Anna Aano, Ida Steffensen, Eivind Støren, Øyvind Paasche**
New flood frequency estimates for the largest river in Norway based on the combination of short and long time series
Hydrol. Earth Syst. Sci., 24, 5595–5619, 2020 [\[Link\]](#)
- SR-20-79 Robin Fentimen, Eline Feenstra, Andres Rüggeberg, Efraim Hall, Valentin Rime, Torsten Vennemann, Irka Hajdas, Antonietta Rosso, David Van Rooij, Thierry Adatte, Hendrik Vogel, Norbert Frank, Thomas Krengel, Anneleen Foubert**
The influence of Atlantic climate variability on the long-term development of Mediterranean cold-water coral mounds (Alboran Sea, Melilla Mound Field)
Climate of the Past, https://doi.org/10.5194/cp-2020-82 [\[Link\]](#)
- SR-20-80 Nicholas C. Flemming**
Global experience in locating submerged prehistoric sites and their relevance to research on the American continental shelves
THE JOURNAL OF ISLAND AND COASTAL ARCHAEOLOGY, https://doi.org/10.1080/15564894.2020.1781712 [\[Link\]](#)
- SR-20-81 J.-M. Garnier, J. Garnier, P. Debnath, L.F. Prado, E. Yokoyama, R.K. Das, P.-E. Mathé, M.S. Islam**
Late Holocene paleoenvironmental records in Eastern Bangladesh from lake sediments: A multi-proxy approach
Quaternary International, Volume 558, 30 August 2020, Pages 39-46 [\[Link\]](#)
- SR-20-82 L. Bittner, M. Bliedtner, D. Grady, G. Gil-Romera, C. Martin-Jones, B. Lemma, B. Mekonnen, H. F. Lamb, H. Yang, B. Glaser, S. Szidat, G. Salazar, N. L. Rose, L. Opgenoorth, G. Mieke, W. Zech, M. Zech**
Revisiting afro-alpine Lake Garba Guracha in the Bale Mountains of Ethiopia: rationale, chronology, geochemistry, and paleoenvironmental implications
Journal of Paleolimnology volume 64, pages293–314(2020) [\[Link\]](#)
- SR-20-83 Michinobu Kuwae, Hiromichi Tamai, Hideyuki Doi, Masayuki K. Sakata, Toshifumi Minamoto, Yoshiaki Suzuki**
Sedimentary DNA tracks decadal-centennial changes in fish abundance
Communications Biology volume 3, Article number: 558 (2020) [\[Link\]](#)
- SR-20-84 Leila Homami Totmaj, Elias Ramezani, Kamaleddin Alizadeh, Hermann Behling**
Four millennia of vegetation and environmental history above the Hyrcanian forest, northern Iran
Vegetation History and Archaeobotany (2020) [\[Link\]](#)

- SR-20-85** RACHAEL S. AVERY, SARAH L. GREENWOOD, FREDERIK SCHENK, BJORN M. MORÉN, DAVID I. ARMSTRONG MCKAY, LARS BRUNNBERG, BARBARA WOHLFARTH
A 725-year integrated offshore terrestrial varve chronology for southeastern Sweden suggests rapid ice retreat ~15 ka BP
Boreas, DOI 10.1111/bor.12490 [\[Link\]](#)
- SR-20-86** Matthew D. Nichols, Chuang Xuan, Simon Crowhurst, David A. Hodell, Carl Richter, Gary D. Acton, Paul A. Wilson
Climate-Induced Variability in Mediterranean Outflow to the North Atlantic Ocean During the Late Pleistocene
Paleoceanography and Paleoclimatology, 35, e2020PA003947. <https://doi.org/10.1029/2020PA003947> [\[Link\]](#)
- SR-20-87** Grzegorz Scholtysik, Olaf Dellwig, Patricia Roeser, Helge Wolfgang Arz, Peter Casper, Christiane Herzog, Tobias Goldhammer, Michael Hupfer
Geochemical focusing and sequestration of manganese during eutrophication of Lake Stechlin (NE Germany)
Biogeochemistry volume 151, pages313–334(2020) [\[Link\]](#)
- SR-20-88** Vincent Gaffney, Simon Fitch, Martin Bates, Roselyn L. Ware, Tim Kinnaird, Benjamin Gearey, Tom Hill, Richard Telford, Cathy Batt, Ben Stern, John Whittaker, Sarah Davies, Mohammed Ben Sharada, Rosie Everett, Rebecca Cribdon, Logan Kistler, Sam Harris, Kevin Kearney, James Walker, Merle Muru, Derek Hamilton, Matthew Law, Alex Finlay, Richard Bates, Robin G. Allaby
Multi-Proxy Characterisation of the Storegga Tsunami and Its Impact on the Early Holocene Landscapes of the Southern North Sea
Geosciences, Volume 10 Issue 7, 10.3390/geosciences10070270 [\[Link\]](#)
- SR-20-89** A.E. López-Pérez, B. Rubio, D. Rey, M. Plaza-Morlote, L.M. Pinheiro
Late Quaternary tectono-sedimentary processes on an isolated offshore high marginal platform (NW Iberian Continental Margin)
Marine Geology, Volume 431, January 2021, 106374 [\[Link\]](#)
- SR-20-90** Ella W. Stokke, Morgan T. Jones, Lars Ribber, Hafliði Hafliðason, Ivar Midtkandal, Bo Pagh Schultz, Henrik H. Svensen
Rapid and sustained environmental responses to global warming: The Paleocene–Eocene Thermal Maximum in the eastern North Sea
Climate of the Past, <https://doi.org/10.5194/cp-2020-150> [\[Link\]](#)
- SR-20-91** Yin Lu, Jasper Moernaut, Revital Bookman, Nicolas Waldmann, Nadav Wetzler, Amotz Agnon, Shmuel Marco, G. Ian Alsop, Michael Strasser, Aurélie Hubert-Ferrari
A new approach to constrain the seismic origin for prehistoric turbidites as applied to the Dead Sea Basin
Geophysical Research Letter <https://doi.org/10.1029/2020GL090947> [\[Link\]](#)
- SR-20-92** Ş. Aydıngün, A. Külzer, H. Aydıngün, Ö. Makaroğlu, H. Öniz, H. Kaya, B. Stanislawski, A. Enez
ANCIENT RESERVOIR AT ATHYRA, CONSTANTINOPLE AT RISK: THE VALUE OF COMBINED HISTORICAL, ARCHAEOLOGICAL AND GEOARCHAEOLOGICAL DATA
Mediterranean Archaeology and Archaeometry, Vol. 20, No 3, (2020), pp. 27-46 [\[Link\]](#)
- SR-20-93** Antoine Gagnon-Poiré, Pierre Brigode, Pierre Francus, David Fortin, Patrick Lajeunesse, Hugues Dorion, Annie-Pier Trottier
Reconstructing past hydrology of eastern Canadian boreal catchments using clastic varved sediments and hydro-climatic modeling: 160 years of fluvial inflows
Climate of the Past, <https://doi.org/10.5194/cp-2020-87> [\[Link\]](#)
- SR-20-94** Francois Lapointe, Raymond S. Bradley, Pierre Francus, Nicholas L. Balascio, Mark B. Abbott, Joseph S. Stoner, Guillaume St-Onge, Arnaud De Coninck, Thibault Labarre
Annually resolved Atlantic sea surface temperature variability over the past 2,900 y
PNAS November 3, 2020 117 (44) 27171-27178; https://doi.org/10.1073/pnas.2014166117 [\[Link\]](#)
- SR-20-95** Nicolas Van Nieuwenhove, Audrey Limoges, Niels Nørgaard-Pedersen, Marit-Solveig Seidenkrantz, Sofia Ribeiro
Episodic Atlantic Water Inflow Into the Independence Fjord System (Eastern North Greenland) During the Holocene and Last Glacial Period
Front. Earth Sci., 15 September 2020 | https://doi.org/10.3389/feart.2020.565670 [\[Link\]](#)
- SR-20-96** Marlene M. Baumer, Bernd Wagner, Hanno Meyer, Niklas Leicher, Matthias Lenz, Grigory Fedorov, Luidmila A. Pestryakova, Martin Melles
Climatic and environmental changes in the Yana Highlands of north-eastern Siberia over the last c. 57 000 years, derived from a sediment core from Lake Emanda
Boreas, 13 November 2020 https://doi.org/10.1111/bor.12476 [\[Link\]](#)
- SR-20-97** Sarah Morris, John K. Papadopoulos, Matthaïos Bessios, Athena Athanassiadou, Konstantinos Noulas
The Ancient Methone Archaeological Project: A Preliminary Report on Fieldwork, 2014–2017
Hesperia 89 (2020) p659-723 [\[Link\]](#)

- SR-20-98** **Wolfgang Knierzinger, Jyh-Jaan Steven Huang, Michael Strasser, Klaus-Holger Knorr, Ruth Drescher-Schneider, Michael Wagreeich**
Late Holocene periods of copper mining in the Eisenerz Alps (Austria) deduced from calcareous lake deposits
Anthropocene, Volume 33, March 2021, 100273 [\[Link\]](#)
- SR-20-99** **H. A. K. Lahijani, S. Rostamabadi, A. Naderi Beni, M. Shirzade, M. Barin**
Sediment Distribution Pattern in Lake Urmia
Part of the The Handbook of Environmental Chemistry book series, https://doi.org/10.1007/698_2020_674 [\[Link\]](#)
- SR-20-100** **Timothy L. Cook, Noah P. Snyder, W. Wyatt Oswald, Kay Paradis**
Timber harvest and flood impacts on sediment yield in a postglacial, mixed-forest watershed, Maine, USA
Anthropocene, Volume 29, March 2020, 100232 [\[Link\]](#)
- SR-20-101** **Richard J. Lewis, John Tibby, Lee J. Arnold, Cameron Barr, Jonathan Marshall, Glenn McGregor, Patricia Gadd, Yusuke Yokoyama**
Insights into subtropical Australian aridity from Welsby Lagoon, north Stradbroke Island, over the past 80,000 years
Quaternary Science Reviews, Volume 234, 15 April 2020, 106262 [\[Link\]](#)
- SR-20-102** **Stephen E. Darby, Peter G. Langdon, James L. Best, Julian Leyland, Christopher R. Hackney, Mackenzie Marti, Peter R. Morgan, Savuth Ben, Rolf Aalto, Daniel R. Parsons, Andrew P. Nicholas, Melanie J. Leng**
Drainage and erosion of Cambodia's great lake in the middle-late Holocene: The combined role of climatic drying, base-level fall and river capture
Quaternary Science Reviews, Volume 236, 15 May 2020, 106265 [\[Link\]](#)
- SR-20-103** **Sudip ACHARYA, Can-Ge LI, Kejia JI, Zhe SUN, Mingda WANG, Juzhi HOU**
Lacustrine Record of 1954 Flood Event on Begnas and Rupa lake, central Nepal
Acta Geologica Sinica https://doi.org/10.1111/1755-6724.14543 [\[Link\]](#)
- SR-20-104** **Alessandra Smedile, Flavia Molisso, Catherine Chagué, Marina Iorio, Paolo Marco De Martini, Stefania Pinzi, Philip E. F. Collins, Leonardo Sagnotti, Daniela Pantosti**
New coring study in Augusta Bay expands understanding of offshore tsunami deposits (Eastern Sicily, Italy)
Volume 67, Issue 3, April 2020, Pages 1553-1576 [\[Link\]](#)
- SR-20-105** **E. Romano, L. Bergamin, I.W. Croudace, G. Pierfranceschi, G. Sesta, A. Ausilia**
Measuring anthropogenic impacts on an industrialised coastal marine area using chemical and textural signatures in sediments: A case study of Augusta Harbour (Sicily, Italy)
Science of The Total Environment, Volume 755, Part 1, 10 February 2021, 142683 [\[Link\]](#)
- SR-20-106** **Fielding, J. James; Croudace, Ian; Kemp, Alan; Pearce, Richard, Cotterill; Carol, Langdon, Peter; Avery, Rachael**
Tracing lake pollution, eutrophication and partial recovery from the sediments of Windermere, UK, using geochemistry and sediment microfabrics
Science of the Total Environment, 722, 1-20, [137745]. (doi:10.1016/j.scitotenv.2020.137745) [\[Link\]](#)
- SR-20-107** **C.W. Kemp, J. Tibby, L.J. Arnold, C. Barr, P.S. Gadd, J.C. Marshall, G.B. McGregor, G.E. Jacobsen**
Climates of the last three interglacials in subtropical eastern Australia inferred from wetland sediment geochemistry
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 538, 15 January 2020, 109463 [\[Link\]](#)
- SR-20-108** **Piero Bellanova, Mike Frenken, Klaus Reicherter, Bruce Jaffe, Witold Szczuciński, Jan Schwarzbauer**
Anthropogenic pollutants and biomarkers for the identification of 2011 Tohoku-oki tsunami deposits (Japan)
Marine Geology, Volume 422, April 2020, 106117 [\[Link\]](#)
- SR-20-109** **Friederike Stock, Hannes Laermanns, Anna Pint, Maria Knipping, Sabine Wulf, Andreas R. Hassl, Andreas G. Heiss, Sabine Ladstätter, Stephan Opitz, Helmut Schwaiger, Helmut Brückner**
Human-environment interaction in the hinterland of Ephesos – As deduced from an in-depth study of Lake Belevi, west Anatolia
Quaternary Science Reviews, Volume 244, 15 September 2020, 106418 [\[Link\]](#)
- SR-20-110** **James M. Russell, Hendrik Vogel, Satria Bijaksana, Martin Melles, Alan Deino, Abdul Hafidz, Doug Haffner, Ascelina K.M. Hasberg, Marina Morlock, Thomas von Rintelen, Rachel Sheppard, Björn Stelbrink, Janelle Stevenson**
The late quaternary tectonic, biogeochemical, and environmental evolution of ferruginous Lake Towuti, Indonesia
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 556, 15 October 2020, 109905 [\[Link\]](#)
- SR-20-111** **Alexandros Emmanouilidis, Gerasimos Messaris, Epameinondas Ntzanis, Petros Zampakis, Ioannis Prevedouros, Dimitrios A. Bassukas, Pavlos Avramidis**
CT scanning, X-ray fluorescence: Non-destructive techniques for the identification of sedimentary facies and structures
Revue de Micropaléontologie, Available online 20 March 2020, 100410 [\[Link\]](#)
- SR-20-112** **René Dommain, Morgan Andama, Molly M. McDonough, Natalia A. Prado, Tobias Goldhammer, Richard Potts, Jesús E. Maldonado, John Bosco Nkurunungi, Michael G. Campana**
The challenges of reconstructing tropical biodiversity with sedimentary ancient DNA: a 2200-year-long metagenomic record from Bwindi impenetrable forest, Uganda
Front. Ecol. Evol., 10 July 2020 | https://doi.org/10.3389/fevo.2020.00218 [\[Link\]](#)
- SR-20-113** **Alexander Francke, Anthony Dosseto, Janna Just, Bernd Wagner, Brian G. Jonesb**
Assessment of the controls on (234U/238U) activity ratios recorded in detrital lacustrine sediments
Chemical Geology, Available online 5 June 2020, 119698, https://doi.org/10.1016/j.chemgeo.2020.119698 [\[Link\]](#)

- SR-20-114 Olivier Jacques, Reinhard Pienitz, Ghassen Ibrahim**
Paleolimnological assessment of long-term changes in a boreal recreational lake of the Fermont mining region (subarctic Quebec, Canada)
Lake Reserv Management. <https://doi.org/10.1080/10402381.2019.1711470> [\[Link\]](#)
- SR-20-115 Brigitte Simmatis, Alexandre Baud, Irene Gregory-Eaves, Pierre Francus, John P. Smol**
Subfossil Simuliidae track past river flow into an industrially contaminated lake
Journal of Paleolimnology (2020), <https://doi.org/10.1007/s10933-020-00130-4> [\[Link\]](#)
- SR-20-116 Małgorzata Kinder, Wojciech Tylmann, Michał Rzeszewski, Bernd Zolitschka**
Varves and mass-movement deposits record distinctly different sedimentation dynamics since the late glacial (Lake Szurpity, northeastern Poland)
Quaternary Research, Volume 93 January 2020, pp. 299-313 [\[Link\]](#)
- SR-20-117 Larissa Schneider, Colin A. Cooke, Nathan D. Stansell, Simon G. Haberle**
Effects of climate variability on mercury deposition during the Older Dryas and Younger Dryas in the Venezuelan Andes
Journal of Paleolimnology volume 63, pages 211–224 (2020) [\[Link\]](#)
- SR-20-118 Dominik Schmitt, Eberhard Gischler, Daniel Birgel, Jörn Peckmann, Flavio S. Anselmetti, Hendrik Vogel**
Great Blue Hole (Lighthouse Reef, Belize): A continuous, annually-resolved record of Common Era sea surface temperature, Atlantic Multidecadal Oscillation and cyclone-controlled run-off
Quaternary Science Reviews, Volume 247, 1 November 2020, 106570 [\[Link\]](#)
- SR-20-119 Hường Nguyễn-Văn, Jan P. Schimmelmann, Dương Nguyễn-Thùy, Antti E.K. Ojala, Ingmar Unkel, Thái Nguyễn-Đình, Yu Fukumoto, Kelsey E. Doiron, Peter E. Sauer, Agnieszka Drobniak, Nguyệt Thị Ánh Nguyễn, Quốc Đỗ-Trọng, Hồng Nguyễn-Thị, Dương Nguyễn-Ánh, Tào Nguyễn-Văn, Arndt Schimmelmann**
Environmental history recorded over the last 70 years in Biển Hồ maar sediment, Central Highlands of Vietnam
Quaternary International, Available online 21 May 2020, https://doi.org/10.1016/j.quaint.2020.05.013 [\[Link\]](#)
- SR-20-120 Michael Strasser, T. Berberich, S. Fabbri, M. Hilbe, J.-J. S. Huang, S. Lauterbach, M. Ortler, H. Rechsreiter, A. Brauer, F. Anselmetti, K. Kowarik**
Geomorphology and event-stratigraphy of recent mass-movement processes in Lake Hallstatt (UNESCO World Heritage Cultural Landscape, Austria)
Geological Society, London, Special Publications, 500, 405-426, 31 March 2020 [\[Link\]](#)
- SR-20-121 Eric Attias, Kelvin Amalokwu, Millie Watts, Ismael Himar Falcon-Suarez, Laurence North, Gao Wei Hu, Angus I. Best, Karen Weitemeyer, Tim A. Minshull**
Gas hydrate quantification at a pockmark offshore Norway from joint effective medium modelling of resistivity and seismic velocity
Marine and Petroleum Geology, Volume 113, March 2020, 104151 [\[Link\]](#)
- SR-20-122 Xiaojing Du, Ingrid Hendy, Linda Hinnov, Erik Brown, Arndt Schimmelmann, Dorothy Pak**
Interannual Southern California Precipitation Variability During the Common Era and the ENSO Teleconnection
Geophysical Research Letters, Volume 47, Issue 1, 16 January 2020 [\[Link\]](#)
- SR-20-123 Sylvia Gassner, Erika Gobet, Christoph Schwörer, Jacqueline van Leeuwen, Hendrik Vogel, Tryfon Giagkoulis, Stamatina Makri, Martin Grosjean, Sampson Panajiotidis, Albert Hafner, Willy Tinner**
20,000 years of interactions between climate, vegetation and land use in Northern Greece
Vegetation History and Archaeobotany volume 29, pages 75–90 (2020) [\[Link\]](#)
- SR-20-124 Elisandra Hernández, Jonathan Obrist-Farner, Mark Brenner, William F. Kenney, Jason H. Curtis, Edward Duarte**
Natural and anthropogenic sources of lead, zinc, and nickel in sediments of Lake Izabal, Guatemala
Journal of Environmental Sciences. Volume 96, October 2020, Pages 117-126 [\[Link\]](#)
- SR-20-125 K.K. Beck, M. Mariani, M.-S. Fletcher, L. Schneider, M.A. Aquino-López, P.S. Gadd, H. Heijnis, K.M. Saunders, A. Zawadzki**
The impacts of intensive mining on terrestrial and aquatic ecosystems: A case of sediment pollution and calcium decline in cool temperate Tasmania, Australia
Environmental Pollution, Available online 1 May 2020, 114695 [\[Link\]](#)
- SR-20-126 Qingfeng Ma, Liping Zhu, Junbo Wang, Jianting Ju, Yong Wang, Xinmiao Lü, Thomas Kasper, Torsten Haberzettl**
Late Holocene vegetation responses to climate change and human impact on the central Tibetan Plateau
Science of The Total Environment, Volume 708, 15 March 2020, 135370 [\[Link\]](#)
- SR-20-127 Suzanne E. Palmer, Michael J. Burn, Jonathan Holmes**
A multiproxy analysis of extreme wave deposits in a tropical coastal lagoon in Jamaica, West Indies
Natural Hazards volume 104, pages 2531–2560 (2020) [\[Link\]](#)
- SR-20-128 Yi Wang, Ingrid L. Hendy, Jiang Zhu**
Expansion of the Southern California oxygen minimum zone during the early-to mid-Holocene due to reduced ventilation of the Northeast Pacific
Quaternary Science Reviews, Volume 238, 15 June 2020, 106326 [\[Link\]](#)

- SR-20-129** **Brendan T. Reill, Fenna Bergmann, Michael E. Weber, Joseph S. Stoner, Peter Selkin, Laure Meynadier, Tilmann Schwenk, Volkhard Spiess, Christian France-Lanord**
Middle to Late Pleistocene Evolution of the Bengal Fan: Integrating Core and Seismic Observations for Chronostratigraphic Modeling of the IODP Expedition 354 8° North Transect
Geochemistry, Geophysics, Geosystems, 21, e2019GC008878. <https://doi.org/10.1029/2019GC008878> [\[Link\]](#)
- SR-20-130** **Beatriz Ortega-Guerrero, Diana Avendaño, Margarita Caballero, Socorro Lozano-García, Erik T. Brown, Alejandro Rodríguez, Bernardo García, Hermenegildo Barceinas, Ana María Soler, Albán Albarrán**
Climatic control on magnetic mineralogy during the late MIS 6 - Early MIS 3 in Lake Chalco, central Mexico
Quaternary Science Reviews, Volume 230, 15 February 2020, 106163 [\[Link\]](#)
- SR-20-131** **Julia Unkelbach, Kaoru Kashima, Gaadan Punsalpaamuu, Lyudmila Shumilovskikh, Hermann Behling**
Decadal high-resolution multi-proxy analysis to reconstruct natural and human-induced environmental changes over the last 1350 cal. yr BP in the Altai Tavan Bogd National Park, western Mongolia
The Holocene, <https://doi.org/10.1177/0959683620908662> [\[Link\]](#)
- SR-20-132** **Jo Brendryen, Hafliði Hafliðason, Yusuke Yokoyama, Kristian Agasøster Haaga, Bjarte Hannisdal**
Eurasian Ice Sheet collapse was a major source of Meltwater Pulse 1A 14,600 years ago
Nature Geoscience volume 13, pages363–368(2020) [\[Link\]](#)
- SR-20-133** **P. Álvarez-Iglesias, A. Andrade, D. Rey, B. Quintana, A.M. Bernabeu, A. López-Pérez, B. Rubio**
Assessment and timing of the anthropogenic imprint and fisheries richness in marine sediments from Ría de Muros (NW Iberian Peninsula)
Quaternary International, Available online 29 May 2020, <https://doi.org/10.1016/j.quaint.2020.05.005> [\[Link\]](#)
- SR-20-134** **Deonie Allen, Anaëlle Simonneau, Gaël Le Roux, Florence Mazier, Laurent Marquer, Didier Galop, Stéphane Binet**
Considering lacustrine erosion records and the De Ploey erosion model in an examination of mountain catchment erosion susceptibility and precipitation reconstruction
CATENA, Volume 187, April 2020, 104278 [\[Link\]](#)
- SR-20-135** **Dewey W. Dunnington, Braden R. B. Gregory, Ian S. Spooner, Chris E. White, Graham A. Gagnon**
Evaluating the performance of calculated elemental measures in sediment archives
J Paleolimnol (2020). <https://doi.org/10.1007/s10933-020-00123-3> [\[Link\]](#)
- SR-20-136** **Lydia Mackenzie, Patrick Moss, Sean Ulm**
A late-Holocene record of coastal wetland development and fire regimes in tropical northern Australia
The Holocene, <https://doi.org/10.1177/0959683620932970> [\[Link\]](#)
- SR-20-137** **Ian G. Stanistreet, John F. Boyle, Harald Stollhofen, Daniel M. Deocampo, Alan Deino, Lindsay J. McHenry, Nicholas Toth, Kathy Schick, Jackson K. Njau**
Palaeosalinity and palaeoclimatic geochemical proxies (elements Ti, Mg, Al) vary with Milankovitch cyclicity (1.3 to 2.0 Ma), OGCP cores, Palaeolake Olduvai, Tanzania
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 546, 15 May 2020, 109656 [\[Link\]](#)
- SR-20-138** **B.R.B. Gregory, R.T. Patterson, J.M. Galloway, E.G. Reinhardt**
The impact of cyclical, multi-decadal to centennial climate variability on arsenic sequestration in lacustrine sediments
Palaeogeography, Palaeoclimatology, Palaeoecology, Available online 24 December 2020, 110189 [\[Link\]](#)
- SR-20-139** **J.E. Hunt, I. Jarvis**
The lifecycle of mid-ocean ridge seamounts and their prodigious flank collapses
Earth and Planetary Science Letters, Volume 530, 15 January 2020, 115867 [\[Link\]](#)
- SR-20-140** **Xiaolei Wang, Min Yua, Long Wang, Heyu Lin, Bei Li, Chun-Xu Xue, Hao Sun, Xiao-Hua Zhang**
Comparative genomic and metabolic analysis of manganese-oxidizing mechanisms in *Celeribacter manganoxidans* DY25T: Its adaptation to the environment of polymetallic nodules
Genomics, Volume 112, Issue 2, March 2020, Pages 2080-2091 [\[Link\]](#)
- SR-20-141** **Daigard Ricardo Ortega Rodriguez, Eduardo de Almeida, Mario Tomazello-Filho, Hudson Wallace Pereira de Carvalho**
Space-resolved determination of the mineral nutrient content in tree-rings by X-ray fluorescence
Science of The Total Environment, Volume 708, 15 March 2020, 134537 [\[Link\]](#)
- SR-20-142** **Lawrence M. Kiage, Meghan Howey, Joel Hartter, Michael Palace**
A late Holocene record of human impacts on tropical environments from non-pollen palynomorphs, Albertine Rift, western Uganda
Quaternary Research, Volume 93 January 2020, pp. 172-186 [\[Link\]](#)
- SR-20-143** **Guillemette Ménot, Sébastien Pivot, Ioanna Bouloubassi, Nina Davtian, Rick Hennekam, Delphine Bosch, Emmanuelle Ducassou, Edouard Bard, Sébastien Migeon, Marie Revel**
Timing and stepwise transitions of the African Humid Period from geochemical proxies in the Nile deep-sea fan sediments
Quaternary Science Reviews
Volume 228, 15 January 2020, 106071 [\[Link\]](#)

- SR-20-144 Rebecca Totten Minzoni, Lauren Parker, Davin J. Wallace, W. Joe Lambert, Emily A. Elliott, C. Fred T. Andrus, Asmara A. Lehrmann**
A 7000-year record of floods and ecological feedbacks in Weeks Bay, Alabama, USA
Science of The Total Environment, Available online 13 June 2020, 140052 [\[Link\]](#)
- SR-20-145 Brian Yellen, Jonathan Woodruff**
Dam Impoundments Sediment Mass – Tributaries to the Hudson River
Data and Datasets. 109. <https://doi.org/10.7275/xktv-8m12> [\[Link\]](#)
- SR-20-146 Brian Yellen, Jonathan Woodruff**
Hudson River Estuary Tidal Marsh Sediment Data
Data and Datasets > 108, <https://doi.org/10.7275/dh3v-0x33> [\[Link\]](#)
- SR-20-147 Thomas Job, Dan Penny, Bree Morgan, Quan Hua, Patricia Gadd, Atun Zawadzki**
Multi-stage Holocene evolution of the River Murray Estuary, South Australia
The Holocene, First Published October 8, 2020 Research Article, <https://doi.org/10.1177/0959683620961487> [\[Link\]](#)
- SR-20-148 Aritina Haliuc, Krisztina Buczkó, Simon M. Hutchinson, Éva Ács, Enikő K. Magyari, Janos Korponai, Robert-Csaba Begy, Daniela Vasilache, Michal Zak, Daniel Veres**
Climate and land-use as the main drivers of recent environmental change in a mid-altitude mountain lake, Romanian Carpathians
PLoS ONE 15(10):e0239209, <https://doi.org/10.1371/journal.pone.0239209> [\[Link\]](#)
- SR-20-149 Jannik Martens, Birgit Wild, Francesco Muschitiello, Matt O'Regan, Martin Jakobsson, Igor Semiletov, Oleg V. Dudarev, Örjan Gustafsson**
Remobilization of dormant carbon from Siberian-Arctic permafrost during three past warming events
Science Advances, Vol 6, No. 42, 14 October 2020 [\[Link\]](#)
- SR-20-150 Andreas Koutsodendris, Kai Nakajima, Stefanie Kaboth-Bahr, Melissa A Berke, Allison Franzese, Ian R. Hall, Sidney Hemming, Janna Just, Leah Levay, Jörg Pross, Rebecca Robinson**
A Plio-Pleistocene (c. 0-4 Ma) cyclostratigraphy for IODP Site U1478 (Mozambique Channel, SW Indian Ocean): Exploring an offshore record of paleoclimate and ecosystem variability in SE Africa
Newsletters on Stratigraphy, DOI: 10.1127/nos/2020/0608 [\[Link\]](#)
- SR-20-151 Catherine Chagué, Jessica Cope, Cathy Kilroy, Geraldine Jacobsen, Atun Zawadzki, Henri Wong**
A 7300 year record of environmental changes in a coastal wetland (Moawhitu), New Zealand, and evidence for catastrophic overwash (tsunami?)
Sedimentary Geology, Volume 407, September 2020, 105746 [\[Link\]](#)
- SR-20-152 Cécile L. Blanchet, Rik Tjallingii, Anja M. Schleicher, Stefan Schouten, Martin Frank, Achim Brauer**
Deoxygenation dynamics above the western Nile deep-sea fan during sapropel S1 at seasonal to millennial time-scales
Climate of the Past, <https://doi.org/10.5194/cp-2020-114> [\[Link\]](#)
- SR-20-153 Fanny Ekblom Johansson, David J Wangner, Camilla S Andresen, Jostein Bakke, Eivind Nagel Støren, Sabine Schmidt, Andreas Vieli**
Glacier and ocean variability in Ata Sund, west Greenland, since 1400 CE
The Holocene, 2020, Vol. 30(12) 1681–1693 [\[Link\]](#)
- SR-20-154 Hong Chin Ng, Laura F. Robinson, George H. Rowland, Siyuan Sean Chen, Jerry F. McManus**
Coupled analysis of seawater and sedimentary 231Pa/230Th in the tropical Atlantic
Marine Chemistry, Volume 227, 20 December 2020, 103894 [\[Link\]](#)
- SR-20-155 Liming Ye, Xiaoguo Yu, Weiyan Zhang, Rong Wang**
Ice sheet controls on fine-grained deposition at the southern Mendeleev Ridge since the penultimate interglacial
Acta Oceanologica Sinica volume 39, pages86–95(2020) [\[Link\]](#)
- SR-20-156 Norbert R Nowaczyk, Jiabo Liu, Helge W Arz**
Records of the Laschamps geomagnetic polarity excursion from Black Sea sediments: magnetite versus greigite, discrete sample versus U-channel data
Geophysical Journal International, Volume 224, Issue 2, February 2021, Pages 1079–1095 [\[Link\]](#)
- SR-20-157 Gianna Evans, Paul Augustinus, Patricia Gadd, Atun Zawadzki, Amber Ditchfield, Jenni Hopkins**
A multi-proxy paleoenvironmental interpretation spanning the last glacial cycle (ca. 117 ± 8.5 ka BP) from a lake sediment stratigraphy from Lake Kai Iwi, Northland, New Zealand
Journal of Paleolimnology (2020), <https://doi.org/10.1007/s10933-020-00151-z> [\[Link\]](#)
- SR-20-158 Rachael S. Avery, Sarah L. Greenwood, Frederik Schenk, Björn M. Morén, David I. Armstrong Mckay, Lars Brunnberg, Barbara Wohlfarth**
A 725-year integrated offshore terrestrial varve chronology for southeastern Sweden suggests rapid ice retreat ~15 ka BP
Boreas, <https://doi.org/10.1111/bor.12490> [\[Link\]](#)
- SR-20-159 Andrea Sanchini, Sönke Szidat, Wojciech Tylmann, Hendrik Vogel, Agnieszka Wacnik, Martin Grosjean**
A Holocene high-resolution record of aquatic productivity, seasonal anoxia and meromixis from varved sediments of Lake Łazduny, North-Eastern Poland: insight from a novel multi-proxy approach
Journal of Quaternary Science, Volume35, Issue8, Pages 1070-1080 [\[Link\]](#)

- SR-20-160 Nagayoshi Katsuta, Sayuri Naito, Hisashi Ikeda, Kuniaki Tanaka, Takuma Murakami, Shinya Ochiai, Yoshiki Miyata, Mayuko Shimizu, Asuka Hayano, Konami Fukui, Hitoshi Hasegawa, Seiya Nagao, Mayuko Nakagawa, Kana Nagashima, Masakazu Niwa, Masafumi Murayamai, Masako Kagawa, Shin-ichi Kawakami**
Sedimentary rhythm of Mn-carbonate laminae induced by East Asian summer monsoon variability and human activity in Lake Ohnuma, southwest Hokkaido, northern Japan
Quaternary Science Reviews, Volume 248, 15 November 2020, 106576 [\[Link\]](#)
- SR-20-161 Tobias Schneider, Benjamin A. Musa Bandowe, Moritz Bigalke, Adrien Mestrot, Henrietta Hampel, Pablo V. Mosquera, Lea Fränkl, Giulia Wienhues, Hendrik Vogel, Wojciech Tylmann, Martin Grosjean**
250-year records of mercury and trace element deposition in two lakes from Cajas National Park, SW Ecuadorian Andes
Environmental Science and Pollution Research (2020), https://doi.org/10.1007/s11356-020-11437-0 [\[Link\]](#)
- SR-20-162 Hamid A.K. Lahijani, Abdolmajid Naderi Beni, Alina Tudryn, Mona Hosseindoust, Parisa Habibi, Majid Pourkerman**
Unraveling extreme events from deep water cores of the south Caspian Sea
Quaternary International, Volume 540, 25 February 2020, Pages 111-119 (SR-19-136) [\[Link\]](#)
- SR-20-163 Luisa Patiño, Maria Isabel Velez, Marion Weber, César A. Velásquez-r, Santiago David, Manuela Rueda, Ivonne Castañeda, Diana Arboleda**
Late Pleistocene–Holocene environmental and climatic history of a freshwater paramo ecosystem in the northern Andes
Journal of Quaternary Science, Volume 35, Issue 8, Pages 1046-1056 [\[Link\]](#)
- SR-20-164 Aske L. Sørensen, Arne T. Nielsen, Nicolas Thibault, Zhengfu Zhao, Niels H. Schovsbo, Tais W. Dahl**
Astronomically forced climate change in the late Cambrian
Earth and Planetary Science Letters, Volume 548, 15 October 2020, 116475 [\[Link\]](#)
- SR-20-165 Lauper, Bruno; Deplazes, Gaudenz; Vogel, Hendrik; Jaeggi, David; Wohlwend, Stephan; Ariztegui, Daniel; Foubert**
Geochemical fingerprinting of key lithologies and depositional processes across the upper boundary of the Opalinus Clay (Aalenian, Middle Jurassic, northern Switzerland)
Depositional Rec, 2020;00:1–27. https://doi.org/10.1002/dep2.126 [\[Link\]](#)
- SR-20-166 K.K. Beck, M. Mariani, M.-S. Fletcher, L. Schneider, M.A. Aquino-López, P.S. Gadd, H. Heijnis, K.M. Saunders, A. Zawadzki**
The impacts of intensive mining on terrestrial and aquatic ecosystems: A case of sediment pollution and calcium decline in cool temperate Tasmania, Australia
Environmental Pollution · May 2020, DOI: 10.1016/j.envpol.2020.114695 [\[Link\]](#)
- SR-20-167 Vincent Kümmerer, Teresa Drago, Cristina Veiga-Pires, Pedro F. Silva, Vitor Magalhães, Anxo Mena, Ana Lopes, Ana Isabel Rodrigues, Sabine Schmidt, Pedro Terrinha, Maria Ana Baptista**
Exploring Offshore Sediment Evidence of the 1755 CE Tsunami (Faro, Portugal): Implications for the Study of Outer Shelf Tsunami Deposits
Minerals 2020, 10, 731; doi:10.3390/min10090731 [\[Link\]](#)
- SR-20-168 Ariana Molenaar, Maarten Van Daele, Thomas Vandorpe, Gerald Degenhart, Marc De Batist, Roberto Urrutia, Mario Pino, Michael Strasser, Jasper Moernaut**
What Controls the Remobilization and Deformation of Surficial Sediment by Seismic Shaking? Linking Lacustrine Slope Stratigraphy to Great Earthquakes in South-Central Chile
Sedimentology [\[Link\]](#)
- SR-20-169 Arielle Woods, Donald T. Rodbell, Mark B. Abbott, Robert G. Hatfield, Christine Y. Chen, Sophie B. Lehmann, David McGee, Nicholas C. Weidhaas, Pedro M. Tapia, Blas L. Valero-Garcés, Mark B. Bush, Joseph S. Stoner**
Andean drought and glacial retreat tied to Greenland warming during the last glacial period
Nature Communications volume 11, Article number: 5135 (2020) [\[Link\]](#)
- SR-20-170 M.N. Nascimento, N.A.S. Mosblech, M.F. Raczka, S. Baskin, K.E. Manrique, J. Wilger, L. Giosan, X. Benito, M.B. Bush**
The adoption of agropastoralism and increased ENSO frequency in the Andes
Quaternary Science Reviews, Volume 243, 1 September 2020, 106471 [\[Link\]](#)
- SR-20-171 Javier Santos-González, Amelia Gómez-Villar, Rosa Blanca González-Gutiérrez, Juan Pablo Corella, Gerardo Benito, José María Redondo-Vega, Adrián Melón-Nava, Blas Valero-Garcés**
Geomorphological impact, hydraulics and watershed- lake connectivity during extreme floods in mountain areas: The 1959 Vega de Tera dam failure, NW Spain
Geomorphology, Volume 375, 15 February 2021, 107531 [\[Link\]](#)
- SR-20-172 Markus Czymzik, Norbert R. Nowaczyk, Olaf Dellwig, Antje Wegwerth, Raimund Muscheler, Marcus Christl, Helge W. Arz**
Lagged atmospheric circulation response in the Black Sea region to Greenland Interstadial 10
PNAS November 17, 2020 117 (46) 28649-28654; first published November 2, 2020; [\[Link\]](#)

- SR-20-173 Liming Ye, Weiyan Zhang, Rong Wang, Xiaoguo Yu, Lu Jin**
Ice events along the East Siberian continental margin during the last two glaciations: Evidence from clay minerals
Marine Geology, Volume 428, October 2020, 106289 [\[Link\]](#)
- SR-20-174 Hanfei Yang, Yongjian Huang, Chao Ma, Zhifeng Zhang, Chengshan Wang**
Recognition of Milankovitch cycles in XRF core-scanning records of the Late Cretaceous Nenjiang Formation from the Songliao Basin (northeastern China) and their paleoclimate implications
Journal of Asian Earth Sciences, Volume 194, 1 June 2020, 104183 (SR-19-144) [\[Link\]](#)
- SR-20-175 P. González-Sampériz, G. Gil-Romera, E. García-Prieto, J. Aranbarri, A. Moreno, M. Morellón, M. Sevilla-Callejo, M. Leunda, L. Santos, F. Franco-Múgica, A. Andrade, J.S. Carrión, B.L. Valero-Garcésa**
Strong continentality and effective moisture drove unforeseen vegetation dynamics since the last interglacial at inland Mediterranean areas: The Villarquemado sequence in NE Iberia
Quaternary Science Reviews, Volume 242, 15 August 2020, 106425 [\[Link\]](#)
- SR-20-176 Stamatina Makri, Andrea Lami, Luyao Tu, Wojciech Tylmann, Hendrik Vogel, Martin Grosjean**
Holocene phototrophic community and anoxia dynamics in meromictic Lake Jaczno (NE Poland) using high-resolution hyperspectral imaging and HPLC data
Biogeosciences, <https://doi.org/10.5194/bg-2020-362> [\[Link\]](#)
- SR-20-177 Loic Piret, Sebastien Bertrand, Jon Hawkings, Malin E. Kylander, Fernando Torrejón, Benjamin Amann, Jemma Wadham**
High-resolution fjord sediment record of a receding glacier with growing intermediate proglacial lake (Steffen Fjord, Chilean Patagonia)
Earth Surface Processes and Landforms, <https://doi.org/10.1002/esp.5015> [\[Link\]](#)
- SR-20-178 Liang Yi ,Dong Xu, Xingyu Jiang, Xiaolin Ma, Qian Ge, Xiguang Deng, Haifeng Wang, Chenglong Deng**
Magnetostatigraphy and Authigenic $^{10}\text{Be}/^{9}\text{Be}$ Dating of Plio-Pleistocene Abyssal Surficial Sediments on the Southern Slope of Mariana Trench and Sedimentary Processes During the Mid-Pleistocene Transition
JGR Oceans, Volume 125, Issue 8, August 2020, e2020JC016250 [\[Link\]](#)
- SR-20-179 Matthias Lenz, Larisa Savelieva, Larisa Frolova, Anna Cherezova, Matthias Moros, Marlene Baumer, Raphael Gromig, Natalia Kostromina, Niyaz Nigmatullin, Vasili Kolka ,Benrd Wagner, Grigory Fedorov, Martin Melles**
Lateglacial and Holocene environmental history of the central Kola region, northwestern Russia revealed by a sediment succession from Lake Imandra
Boreas, <https://doi.org/10.1111/bor.12465> [\[Link\]](#)
- SR-20-180 A. Morereau, H. Lepage, D. Claval, C. Cossonnet, J.P. Ambrosi, B. Mourier, T. Winiarski, Y. Copard, F. Eyrolle**
Trajectories of technogenic tritium in the Rhône River (France)
Journal of Environmental Radioactivity, Volumes 223–224, November 2020, 106370 [\[Link\]](#)
- SR-20-181 Marine Rousseau, François Demory, Cécile Miramont, Elodie Brisset, Frédéric Guiter, Pierre Sabatier, Philippe Sorrel**
Palaeoenvironmental change and glacier fluctuations in the high Tian Shan Mountains during the last millennium based on sediments from Lake Ala Kol, Kyrgyzstan
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 558, 15 November 2020, 109987 [\[Link\]](#)
- SR-20-182 Harald Stollhofen, Ian G. Stanistreet, Nicholas Toth, Kathy D. Schick, Agata Rodríguez-Cintas, Rosa M. Albert, Paul Farrugia, Jackson K. Njau, Michael C. Pante, Edward W. Herrmann, Lana Ruck, Marion K. Bamford, Robert J. Blumenschine, Fidelis T. Masao**
Olduvai's oldest Oldowan
Journal of Human Evolution, Volume 150, January 2021, 102910 [\[Link\]](#)
- SR-20-183 Manuel Teixeira, Pedro Terrinha, Cristina Roque, Antje H. L. Voelker, Pedro Silva, Emília Salgueiro, Fátima Abrantes, Filipa Naughton, Anxo Mena, Gemma Ercilla, David Casas**
The Late Pleistocene-Holocene sedimentary evolution of the Sines Contourite Drift (SW Portuguese Margin): A multiproxy approach
Sedimentary Geology, Volume 407, September 2020, 105737 [\[Link\]](#)

Not sure

SR-20-x05 Xiaolin Li, Lei Zhang, Zhihui Tian, Yu Bai, Shuqing Wang, Jianghua Han, Guofu Xia, Weiguang Ma, Lei Dong, Wangbao Yin, Liantuan Xiao, Suotang Jiaab

Ultra-repeatability measurement of the coal calorific value by XRF assisted LIBS

Journal of Analytical Atomic Spectrometry, Issue 12 2020

[\[Link\]](#)

SR-20-x06 Chong Peng, Bao-zhi Pan, Lin-Fu Xue, Chuan-qi Dai, Hai-yan Liu, Kai Zhu, Chunhui Xu

Three-dimensional structural modeling and deformation analysis of Archean magnetite quartzite from the Anshan–Benxi area, northeastern China

Geomech. Geophys. Geo-energ. Geo-resour. 6, 62 (2020). <https://doi.org/10.1007/s40948-020-00185-7>

[\[Link\]](#)

SR-20-x07 Mahmoud Rezaeizadeh, Seyed Hasan Hajiabadi, Hamed Aghaei, Martin J. Blunt

Pore-scale analysis of formation damage; A review of existing digital and analytical approaches

Advances in Colloid and Interface Science, Volume 288, February 2021, 102345 -NO-

[\[Link\]](#)

SR-20-x08 Marc Zehnich, Robert F Spielhagen, Henning A Bauch, Matthias Forwick, H Christian Hass, Tina Palme, Ruediger Stein, Nicole Syring

Environmental variability off NE Greenland (western Fram Strait) during the past 10,600 years

The Holocene, https://doi.org/10.1177/0959683620950393

[\[Link\]](#)

SR-20-x09 Catherine B. Scott

Integrating Multi-Scalar Sampling Strategies for Archaeological Sediment Chemistry

Journal of Field Archaeology, Volume 45, 2020 - Issue 8

[\[Link\]](#)

SR-20-x10 F. Carvalho, L. Schulte

Reconstruction of mining activities in the Western Alps during the past 2500 years from natural archives

Science of The Total Environment, Volume 750, 1 January 2021, 141208

[\[Link\]](#)

SR-20-x11 Jennifer N. Gifford, Brian F. Platt, Lance D. Yarbrough, Andrew M. O'Reilly, Mohammed Al Harthy

Integrating Petrography, X-Ray Fluorescence, and U-Pb Detrital Zircon Geochronology to Interpret Provenance of the Mississippian Hartselle Sandstone, USA

The Journal of Geology, Volume 128, Number 4, July 2020

[\[Link\]](#)

SR-20-x12 S. de Castro, F.J. Hernández-Molina, F.J. Rodríguez-Tovar, E. Llave, Z.L. Ng, N. Nishida, A. Mena

Contourites and bottom current reworked sands: Bed facies model and implications

Marine Geology, Volume 428, October 2020, 106267

[\[Link\]](#)

SR-20-x13 Alexander Francke, Jens Holtvoeth, Alexandru T. Codilean, Jack H. Lacey, Germain Bayon, Anthony Dosseto

Geochemical methods to infer landscape response to Quaternary climate change and land use in depositional archives: A review

Earth-Science Reviews, Volume 207, August 2020, 103218

[\[Link\]](#)

- SR-21-001 Kan-Hsi Hsiung, Toshiya Kanamatsu, Ken Ikehara, Kazuko Usami, Chorong-Shern Horng, Naohiko Ohkouchi, Nanako O. Ogawa, Saneatsu Saito, Masafumi Murayama**
X-ray fluorescence core scanning, magnetic signatures, and organic geochemistry analyses of Ryukyu Trench sediments: turbidites and hemipelagites
Progress in Earth and Planetary Science volume 8, Article number: 2 (2021) [\[Link\]](#)
- SR-21-002 Walter Duesing, Stefanie Kaboth-Bahr, Asfawossen Asrat, Andrew S. Cohen, Verena Foerster, Henry F. Lamb, Frank Schaebitz, Martin H. Trauth, Finn Viehberg**
Changes in the cyclicity and variability of the eastern African paleoclimate over the last 620 kyrs
Quaternary Science Reviews, Volume 273, 1 December 2021, 107219 [\[Link\]](#)
- SR-21-003 Matthew Adesanya Adeleye, Simon Graeme Haberle, Stephen Harris, Simon Edward Connor, Janelle Stevenson**
Assessing Long-Term Ecological Changes in Wetlands of the Bass Strait Islands, Southeast Australia: Palaeoecological Insights and Management Implications
Wetlands volume 41, Article number: 88 (2021) [\[Link\]](#)
- SR-21-004 Chris Turney, Lorena Becerra-Valdivia, Adam Sookdeo, Zoë A Thomas, Jonathan Palmer, Heather A Haines, Haidee Cadd, Lukas Wacker, Andy Baker, Martin S Andersen, Geraldine Jacobsen, Karina Meredith, Khorshed Chinu, Silvia Bollhalder, Christopher Marjo**
Radiocarbon Protocols and First Intercomparison Results from the Chronos 14Carbon-Cycle Facility, University of New South Wales, Sydney, Australia
Radiocarbon>Volume 63 Issue 3, [\[Link\]](#) [\[Link\]](#)
- SR-21-005 Daisuke Ishimura, Keitaro Yamada**
Integrated lateral correlation of tsunami deposits during the last 6000 years using multiple indicators at Koyadori, Sanriku Coast, northeast Japan
Quaternary Science Reviews, Volume 256, 15 March 2021, 106834 [\[Link\]](#)
- SR-21-006 Ludvig Löwemark, Alice Chien-Yi Liao, Yu-Hsuan Liou, Shital Godad, Ting-Yi Chang, Alexander Kunz**
Potential and pitfalls of XRF-CS analysis of ion-exchange resins in environmental studies
Scientific Reports volume 11, Article number: 20941 (2021) [\[Link\]](#)
- SR-21-007 Can-Ge Li, Mingda Wang, Weiguo Liu, Shih-Yu Lee, Fahu Chen, Juzhi Hou**
Quantitative estimates of Holocene glacier meltwater variations on the Western Tibetan Plateau
Earth and Planetary Science Letters, Volume 559, 1 April 2021, 116766 [\[Link\]](#)
- SR-21-008 Thomas Job, Dan Penny, Bree Morgan, Quan Hua, Patricia Gadd, Atun Zawadzki**
Multi-stage Holocene evolution of the River Murray Estuary, South Australia
The Holocene, 2021, Vol. 31(1) 50–65 [\[Link\]](#)
- SR-21-009 Kate J. Brandis, Debashish Mazumder, Patricia Gadd, Boyu Ji, Richard T. Kingsford, Daniel Ramp**
Using feathers to map continental-scale movements of waterbirds and wetland importance
Conservation Letters, Volume14, Issue4, July/August 2021 [\[Link\]](#)
- SR-21-010 Charlotte A Heller, Neal Michelutti, Michael J Burn, Suzanne E Palmer, John P Smol**
The response of diatom assemblages in a Jamaican coastal lagoon to hurricane and drought activity over the past millennium
The Holocene, Vol 31, Issue 9, 2021, p1359-1365 [\[Link\]](#)
- SR-21-011 Xiaojing Du, Ingrid Hendy, Linda Hinnov, Erik Brown, Jiang Zhu, Christopher J Poulsen**
High-resolution interannual precipitation reconstruction of Southern California: Implications for Holocene ENSO evolution
Earth and Planetary Science Letters, Volume 554, 15 January 2021, 116670 [\[Link\]](#) [\[Link\]](#)
- SR-21-012 Estelle Allan, Anne de Vernal, Marit-Solveig Seidenkrantz, Jason P. Briner, Claude Hillaire-Marcel, Christof Pearce, Lorenz Meire, Hans Røy, Anders Møller Mathiasen, Mikkel Thy Nielsen, Jane Lund Plesner, Kerstin Perner**
Insolation vs. meltwater control of productivity and sea surface conditions off SW Greenland during the Holocene
Boreas, Volume50, Issue3, July 2021, Pages 631-651 [\[Link\]](#) [\[Link\]](#)
- SR-21-013 Samuel, K. M., Reynolds, W., May, J.-H., Forbes, M. S., Stromsoe, N., Fletcher, M.-S., Cohen, T., Moss, P., Mazumder, D. & Gadd, P.**
Ecosystem and landscape change in the 'Top End' of Australia during the past 35 kyr
<https://doi.org/10.1016/j.palaeo.2021.110659> [\[Link\]](#) [\[Link\]](#)
- SR-21-014 Elizabeth Wallace, Jeffrey Donnelly, Peter van Hengstum, Tyler Winkler, Charmille Dizon, Alexandra La Bella, Isabella Lopez, Nicole d'Entremont, Richard Sullivan, Jonathan Woodruff, Andrea Hawkes, Christopher Maio**
Regional shifts in paleohurricane activity over the last 1500 years derived from blue hole sediments offshore of Middle Caicos Island
Quaternary Science Reviews, Volume 268, 15 September 2021, 107126 [\[Link\]](#)
- SR-21-015 Kate J. Brandis, Debashish Mazumder, Patricia Gadd, Boyu Ji, Richard T. Kingsford, Daniel Ramp**
Using feathers to map continental-scale movements of waterbirds and wetland importance
Conservation Letters, Volume14, Issue4, July/August 2021, e12798 [\[Link\]](#)

SR-21-016 Beatriz Ortega-Guerrero, Margarita Caballero, Isabel Israde-Alcántara

The Holocene record of Alberca de Tacámbaro, a tropical lake in western Mexico: evidence of orbital and millennial-scale climatic variability

J of Quaternary Science, Volume36, Issue4, May 2021, Pages 649-663

[\[Link\]](#)

SR-21-017 Xiaqing Wang, Zhaosheng Wang, Jun Xiao, Maoyong He, Fei Zhang, Yanhui Pan, Yongxia Zhang, Zhangdong Jin

Soil erosion fluxes on the central Chinese Loess Plateau during CE 1811 to 1996 and the roles of monsoon storms and human activities

CATENA, Volume 200, May 2021, 105148

[\[Link\]](#) [\[Link\]](#)

SR-21-018 Paul D. Zander, Maurycy Żarczyński, Hendrik Vogel, Wojciech Tylmann, Agnieszka Wacnik, Andrea Sanchini, Martin Grosjean

A high-resolution record of Holocene primary productivity and water-column mixing from the varved sediments of Lake Żabińskie, Poland

Science of The Total Environment, Volume 755, Part 2, 10 February 2021, 143713

[\[Link\]](#)

SR-21-019 Esther N. Githumbi, Colin J. Courtney Mustaphi, Rob Marchant

Late Pleistocene and Holocene Afromontane vegetation and headwater wetland dynamics within the Eastern Mau Forest, Kenya

J of Quaternary Science, Volume36, Issue2, February 2021, Pages 239-254

[\[Link\]](#)

SR-21-020 Liang Zhou, Yong Shi, Yaqing Zhao, Yang Yang, Jianjun Jia, Jianhua Gao, Ya Ping Wang, Zhanhai Li, Yuzhu Zhang, Yongqiang Guo, Benwei Shi, Shu Gao

Extreme floods of the Changjiang River over the past two millennia: Contributions of climate change and human activity

Marine Geology, Volume 433, March 2021, 106418

[\[Link\]](#)

SR-21-021 Biljana Narancic, Émilie Saulnier-Talbot, Guillaume St-Onge, Reinhard Pienitz

Diatom sedimentary assemblages and Holocene pH reconstruction from the Canadian Arctic Archipelago's largest lake

Écoscience, Volume 28, 2021 - Issue 3-4

[\[Link\]](#)

SR-21-022 Matt Forbes, Tim Cohen, Zenobia Jacobs, Sam Marx, Emily Barber, John Dodson, Andrés Zamora, Haidee Cadd, Alexander Francke, Mark Constantine, Scott Mooney, Julia Short, John Tibby, Adrian Parker, Dioni Cendón, Mark Peterson, Jon Tyler, Elizabeth Swallow, Craig Woodward

Comparing interglacials in eastern Australia: A multi-proxy investigation of a new sedimentary record

Quaternary Science Reviews, Volume 252, 15 January 2021, 106750

[\[Link\]](#) [\[Link\]](#)

SR-21-023 Esther N. Githumbi, Colin J. Courtney Mustaphi, Robert Marchant

Sedimentological, palynological and charcoal analyses of the hydric palustrine sediments from the Lielerai-Kimana wetlands, Kajiado, southern Kenya

<https://edoc.unibas.ch/85019/>

[\[Link\]](#)

SR-21-024 Chao Ma, Linda A. Hinnov, James S. Eldrett, Stephen R. Meyers, Steven C. Bergman, Daniel Minisini, Brendan Lutz

Centennial to millennial variability of greenhouse climate across the mid-Cenomanian event

Geology (2021), https://doi.org/10.1130/G48734.1

[\[Link\]](#) [\[Link\]](#)

SR-21-025 Matthieu Ghilardi

Geoarchaeology: Where Geosciences Meet the Humanities to Reconstruct Past Human–Environment Interactions. An Application to the Coastal Areas of the Largest Mediterranean Islands

Appl. Sci. 2021, 11(10), 4480; https://doi.org/10.3390/app11104480

[\[Link\]](#)

SR-21-026 Bruno Lauper, Gaudenz Deplazes, Hendrik Vogel, David Jaeggi, Stephan Wohlwend, Daniel Ariztegui, Anneleen Foubert

Geochemical fingerprinting of key lithologies and depositional processes across the upper boundary of the Opalinus Clay (Aalenian, Middle Jurassic, northern Switzerland)

The Depositional Record, Volume7, Issue1, February 2021, Pages 25-51

[\[Link\]](#)

SR-21-027 Linda Armbricht, Bradley Paine, Christopher J.S. Bolch, Alan Cooper, Andrew McMinn, Craig Woodward, Gustaaf Hallegraef

Ancient DNA and microfossils reveal dynamics of three harmful dinoflagellate species off Eastern Tasmania, Australia, over the last 9,000 years

bioRxiv preprint doi: https://doi.org/10.1101/2021.02.18.431790

[\[Link\]](#)

SR-21-028 Hanna Hadler, Andreas Vött, Timo Willershäuser, Dennis Wilken, Ruth Blankenfeldt, Claus von Carnap-Bornheim, Kurt Emde, Peter Fischer, Ulf Ickerodt, Stefanie Kloöß, Bente Majchczack, Lea Obrocki, Wolfgang Rabbel

Automated facies identification by Direct Push-based sensing methods (CPT, HPT) and multivariate linear discriminant analysis to decipher geomorphological changes and storm surge impact on a medieval coastal landscape

Earth Surface Processes and Landforms, Volume46, Issue15, December 2021, Pages 3228-3251

[\[Link\]](#)

SR-21-029 Daniel Gebregiorgis, Daniel M. Deocampo, Verena Foerster, Fred J. Longstaffe, Jeremy S. Delaney, Frank Schaebitz, Annett Junginger, Monika Markowska, Stephan Opitz, Martin H. Trauth, Henry F. Lamb, Asfawossen Asrat

Modern Sedimentation and Authigenic Mineral Formation in the Chew Bahir Basin, Southern Ethiopia: Implications for Interpretation of Late Quaternary Paleoclimate Records

Front. Earth Sci., 30 April 2021 | https://doi.org/10.3389/feart.2021.607695

[\[Link\]](#)

- SR-21-030** Yuxin Zhou, Jerry F. McManus, Allison W. Jacobel, Cassandra M. Costa, Shouyi Wang, Blanca Alvarez Caraveo
Enhanced iceberg discharge in the western North Atlantic during all Heinrich events of the last glaciation
Earth and Planetary Science Letters, Volume 564, 15 June 2021, 116910 [\[Link\]](#) [\[Link\]](#)
- SR-21-031** Benjamin Läubli, Paul Christian Augustinus, Leonie Peti, Jenni Louise Hopkins
Composite development and stratigraphy of the Onepoto maar lake sediment sequence (Auckland Volcanic Field, New Zealand)
Sci. Drill., 29, 19–37, 2021 [\[Link\]](#)
- SR-21-032** Nicholas L. Riddick, Joseph I. Boyce, Eduard G. Reinhardt, Richard M. Rothaus, Krista M. Chomicki, Francine M.G. McCarthy
Multi-proxy palaeoenvironmental record of coastal tectonic uplift and abandonment (ca. 6th c. CE) of Lechaion's inner harbour, ancient Corinth, Greece
Quaternary Science Reviews, Volume 267, 1 September 2021, 107080 [\[Link\]](#)
- SR-21-033** Norbert R. Nowaczyk, Jiabo Liu, Birgit Plessen, Antje Wegwerth, Helge W. Arz
A High-Resolution Paleosecular Variation Record for Marine Isotope Stage 6 From Southeastern Black Sea Sediments
JGR Solid Earth, <https://doi.org/10.1029/2020JB021350> [\[Link\]](#)
- SR-21-034** Yin Lu, Jasper Moernaut, Revital Bookman, Nicolas Waldmann, Nadav Wetzler, Amotz Agnon, Shmuel Marco, G. Ian Alsop, Michael Strasser, Aurélie Hubert-Ferrari
A New Approach to Constrain the Seismic Origin for Prehistoric Turbidites as Applied to the Dead Sea Basin
Geophysical Research Letters, Volume 48, Issue 3, 16 February 2021, e2020GL090947 [\[Link\]](#)
- SR-21-035** Erick R. Velasco-Reyes, Tohoku Daigaku, Kazuhisa Goto, Daisuke Sugawara, Yuichi Nishimura, Takahiro Shinohara, Takashi Chiba
Paleotsunami History of Hachinohe, Northern Japan: A Multiproxy Analysis and Numerical Modeling Approach
<https://doi.org/10.21203/rs.3.rs-970814/v1> [\[Link\]](#)
- SR-21-036** D.S. Urakov, S.S. Rahman, S. Tyson, M. Jami, D.Yu. Chudinova, Sh.Kh. Sultanov, Y.A. Kotenev
CONCEPTUALIZING A DUAL POROSITY OCCURRENCE IN SANDSTONES BY UTILIZING VARIOUS LABORATORY METHODS
SOCAR Proceedings No.2 (2021) 008-016 [\[Link\]](#)
- SR-21-037** Anna Lichtschlag, Matthias Haeckel, David Olierook, Kate Peel, Anita Flohr, Christopher R. Pearce, Chiara Marieni, Rachael H. James, Douglas P. Connelly
Impact of CO₂ leakage from sub-seabed carbon dioxide storage on sediment and porewater geochemistry
International Journal of Greenhouse Gas Control, Volume 109, July 2021, 103352 [\[Link\]](#)
- SR-21-038** A. E. López-Pérez, B. Rubio, D. Rey, M. Plaza-Morlote
Palaeoenvironmental context and significance of ferruginous tubular bioforms and other authigenic mineral formations in source-to-sink sedimentary systems
Geo-Marine Letters volume 41, Article number: 50 (2021) [\[Link\]](#)
- SR-21-039** Yin Lu, Jasper Moernaut, Nicolas Waldmann, Revital Bookman, G. Ian Alsop, Aurélie Hubert-Ferrari, Michael Strasser, Amotz Agnon, Shmuel Marco
Orbital- and Millennial-Scale Changes in Lake-Levels Facilitate Earthquake-Triggered Mass Failures in the Dead Sea Basin
Geophysical Research Letters, Volume 48, Issue 14, 28 July 2021, e2021GL093391 [\[Link\]](#)
- SR-21-040** Roseanna J. Mayfield, John A. Dearing, C. Patrick Doncaster, Peter G. Langdon
Stability of chironomid community structure during historic climatic and environmental change in subarctic Alaska
Limnology and Oceanography, <https://doi.org/10.1002/lno.12007> [\[Link\]](#)
- SR-21-041** Hafliði Hafliðason, Jo Brendryen, Reidun F. Eldegard, Jan Mangerud, Sædis Ólafsdóttir, Carl Regnéll, John Inge Svendsen
High-resolution chronology of 24 000-year long cores from two lakes in the Polar Urals, Russia, correlated with palaeomagnetic inclination records with a distinct event about 20 000 years ago
J of Quaternary Science, <https://doi.org/10.1002/jqs.3391> [\[Link\]](#)
- SR-21-042** Alena Giesche, Umberto Lombardo, Walter Finsinger, Heinz Veit
Reconstructing Holocene landscape and environmental changes at Lago Rogaguado, Bolivian Amazon
Journal of Paleolimnology volume 65, pages 235–253 (2021) [\[Link\]](#)
- SR-21-043** Inger Greve Alsos, Youri Lammer, Sofia E. Kjellman, Marie Kristine Føreid Merkel, Emma M. Bender, Alexandra Rouillard, Egill Erlendsson, Esther Ruth Guðmundsdóttir, Ívar Örn Benediktsson, Wesley R. Farnsworth, Skafti Brynjólfsson, Guðrún Gísladóttir, Sigrún Dögg Eddudóttir, Anders Schomacker
Ancient sedimentary DNA shows rapid post-glacial colonisation of Iceland followed by relatively stable vegetation until the Norse settlement (Landnám) AD 870
Quaternary Science Reviews, Volume 259, 1 May 2021, 106903 [\[Link\]](#)
- SR-21-044** Junichiro Kuroda, Kyoko Hagino, Yoichi Usui, Paul R. Bown, Kan-Hsi Hsiung, Saburo Sakai, Ron Hackney, Saneatsu Saito, Masafumi Murayama, Takuto Ando, Naohiko Ohkouchi
Stratigraphy around the Cretaceous-Paleogene boundary in sediment cores from the Lord Howe Rise, Southwest Pacific
GSA Bulletin (2021), <https://doi.org/10.1130/B36112.1> [\[Link\]](#) [\[Link\]](#)

- SR-21-045 Sabrina R. Brown, Rosine Cartier, Christopher M. Schiller, Petra Zahajská, Sherilyn C. Fritz, Lisa A. Morgan, Cathy Whitlock, Daniel J. Conley, Jack H. Lacey, Melanie J. Leng, W.C. Pat Shanks III**
Multi-proxy record of Holocene paleoenvironmental conditions from Yellowstone Lake, Wyoming, USA
Quaternary Science Reviews, Volume 274, 15 December 2021, 107275 [\[Link\]](#) [\[Link\]](#)
- SR-21-046 Michael-Shawn Fletcher, Joel Pedro, Tegan Hall, Michela Mariani, Joseph A. Alexander, Kristen Beck, Maarten Blaauw, Dominic A. Hodgson, Henk Heijnis, Patricia S. Gadd, Agathe Lise-Pronovost**
Northward shift of the southern westerlies during the Antarctic Cold Reversal
Quaternary Science Reviews, Volume 271, 1 November 2021, 107189 [\[Link\]](#)
- SR-21-047 Andreas Laug, Torsten Haberzettl, Andre Pannes, Anja Schwarz, Falko Turner, Junbo Wang, Stefan Engels, Sonja Rigterink, Nicole Börner, Marieke Ahlborn, Jianting Ju, Antje Schwalb**
Holocene paleoenvironmental change inferred from two sediment cores collected in the Tibetan lake Taro Co
Journal of Paleolimnology volume 66, pages171–186 (2021) [\[Link\]](#)
- SR-21-048 Marlene M. Lenz, Andrei Andreev, Larisa Nazarova, Liudmila S. Syrykh, Stephanie Scheidt, Hafliði Hafliðason, Hanno Meyer, Dominik Brill, Bernd Wagner, Raphael Gromig, Matthias Lenz, Christian Rolf, Gerhard Kuhn, Grigoriy Fedorov, John Inge Svendsen, Martin Melles**
Climate, glacial and vegetation history of the polar Ural Mountains since c. 27 cal ka bp, inferred from a 54 m long sediment core from Lake Bolshoye Shchuchye
J of Quaternary Science, https://doi.org/10.1002/jqs.3400 [\[Link\]](#)
- SR-21-049 Wolfgang Knierzinger, Daniela Festi, Andreas Limbeck, Felix Horak, Lukas Brunnbauer, Simon Drollinger, Michael Wagreich, Jyh-Jaan Steven Huang, Michael Strasser, Klaus-Holger Knorr, Hans Reschreiter, Susanne Gier, Werner Kofler, Christopher Herzig, Kerstin Kowarik**
Multi-proxy analyses of a minerotrophic fen to reconstruct prehistoric periods of human activity associated with salt mining in the Hallstatt region (Austria)
Journal of Archaeological Science: Reports, Volume 36, April 2021, 102813 [\[Link\]](#)
- SR-21-050 Fredrik Høgaas, Simon A. Larsson, Martin Klug, Lars Olsen, Stefan Wastegård**
Palaeolake sediment records reveal a mid- to late Younger Dryas ice-sheet maximum in Mid-Norway
Boreas, https://doi.org/10.1111/bor.12543 [\[Link\]](#)
- SR-21-051 Leila Homami Totmaj, Elias Ramezani, Kamaleddin Alizadeh, Hermann Behling**
Four millennia of vegetation and environmental history above the Hyrcanian forest, northern Iran
Vegetation History and Archaeobotany volume 30, pages611–621 (2021) [\[Link\]](#)
- SR-21-052 Yangbo Lu, Fang Hao, Detian Yan, Yongchao Lu**
Volcanism-induced late Boda warming in the Late Ordovician: Evidence from the Upper Yangtze Platform, South China
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 578, 15 September 2021, 110579 [\[Link\]](#)
- SR-21-053 Xuefa Shi, Zhengquan Yao, Jianxing Liu, Shuqing Qiao, Yanguang Liu, Xiaoyan Li, Xisheng Fang, Chaoxin Li**
Dominant Role of Sea Level on the Sedimentary Environmental Evolution in the Bohai and Yellow Seas Over the Last 1 Million Years
Front. Earth Sci., 12 April 2021 [\[Link\]](#)
- SR-21-054 ILIYA BAUCHI DANLADI, SENA AKÇER ÖN, ZEKİ BORA ÖN, SABINE SCHMIDT**
High-resolution temperature and precipitation variability of southwest Anatolia since 1730 CE from Lake Gölcük sedimentary records
Turkish Journal of Earth Sciences, (2021) 30: 601-610 [\[Link\]](#)
- SR-21-055 Anna Izabela Poraj-Górska, Alicja Bonk, Maurycy Żarczyński, Małgorzata Kinder, Wojciech Tylmann**
Varved lake sediments as indicators of recent cultural eutrophication and hypolimnetic hypoxia in lakes
Anthropocene, Volume 36, December 2021, 100311 [\[Link\]](#)
- SR-21-056 Richard M. Sullivan, Peter J. van Hengstum, Sloan J. Coats, Jeffrey P. Donnelly, Anne E. Tamalavage, Tyler S. Winkler, Nancy A. Albury**
Hydroclimate Dipole Drives Multi-Centennial Variability in the Western Tropical North Atlantic Margin During the Middle and Late Holocene
Paleoceanography and Paleoclimatology, Volume36, Issue7, July 2021, e2020PA004184 [\[Link\]](#) [\[Link\]](#)
- SR-21-057 Anqi Wang, Zhengquan Yao, Xuefa Shi, Kunshan Wang, Jianjun Zou, Yanguang Liu, Yonghua Wu, Sergey A. Gorbarenko**
Orbital and Millennial Variations in Sea Ice in the Southwestern Okhotsk Sea Since the Last Interglacial Period and Their Implications
Front. Earth Sci., 07 July 2021 | https://doi.org/10.3389/feart.2021.710797 [\[Link\]](#)
- SR-21-058 Stamatina Makri, Giulia Wienhues, Moritz Bigalke, Adrian Gilli, Fabian Rey, Willy Tinner, Hendrik Vogel, Martin Grosjean**
Variations of sedimentary Fe and Mn fractions under changing lake mixing regimes, oxygenation and land surface processes during Late-glacial and Holocene times
Science of The Total Environment, Volume 755, Part 2, 10 February 2021, 143418 [\[Link\]](#)

- SR-21-059 Hokuto Higaki, Kazuhisa Goto, Hideaki Yanagisawa, Daisuke Sugawara, Takashi Ishizawa**
Three thousand year paleo-tsunami history of the southern part of the Japan Trench
Progress in Earth and Planetary Science volume 8, Article number: 28 (2021) [\[Link\]](#)
- SR-21-060 Flor Vermassen, Matt O'Regan, Gabriel West, Thomas M. Cronin, Helen K. Coxall**
Testing the stratigraphic consistency of Pleistocene microfossil bioevents identified on the Alpha and Lomonosov Ridges, Arctic Ocean
Arctic, Antarctic, and Alpine Research, Volume 53, 2021 - Issue 1 [\[Link\]](#)
- SR-21-061 Marlene M. Baumer, Bernd Wagner, Hanno Meyer, Niklas Leicher, Matthias Lenz, Grigory Fedorov, Luidmila A. Pestryakova, Martin Melles**
Climatic and environmental changes in the Yana Highlands of north-eastern Siberia over the last c. 57 000 years, derived from a sediment core from Lake Emanda
Boreas, Volume50, Issue1, January 2021, Pages 114-133 [\[Link\]](#)
- SR-21-062 Liang Yi, Haifeng Wang, Xiguang Deng, Haifan Yuan, Dong Xu, Huiqiang Yao**
Geochronology and Geochemical Properties of Mid-Pleistocene Sediments on the Caiwei Guyot in the Northwest Pacific Imply a Surface-to-Deep Linkage
J. Mar. Sci. Eng. 2021, 9(3), 253 [\[Link\]](#)
- SR-21-063 Matthias Lenz, Marlene M. Lenz, Andrei Andreev, Stephanie Scheidt, Raphael Gromig, Elodie Lebas, Grigory Fedorov, Sebastian Krastel, Martin Melles, Bernd Wagner**
Climate and environmental history at Lake Levinson-Lessing, Taymyr Peninsula, during the last 62 kyr
J of Quaternary Science, https://doi.org/10.1002/jqs.3384 [\[Link\]](#)
- SR-21-064 Daisy Eleanor Spencer, Aaron Potito, Karen Molloy, Anna Martini, Henry Frentzel, Carleton Jones**
Prehistoric Farming Impacts and Erosion Revealed Through a Palaeolimnological Investigation of Lough Inchiquin, Co. Clare, Western Ireland
Environmental Archaeology, https://doi.org/10.1080/14614103.2021.1888847 [\[Link\]](#) [\[Link\]](#)
- SR-21-065 A.T.M.ter Schurea, M. Bajard, K. Loftsgarden, H.I. Høeg, E. Ballo, J. Bakke, E.W.N. Støren, F. Iversen, A. Kool, A.K. Brysting, K. Krüger, S. Boessenkool**
Anthropogenic and environmental drivers of vegetation change in southeastern Norway during the Holocene
Quaternary Science Reviews, Volume 270, 15 October 2021, 107175 [\[Link\]](#)
- SR-21-066 Frank J. Pavia, Shouyi Wang, Jennifer Middleton, Richard W. Murray, Robert F. Anderson**
Trace Metal Evidence for Deglacial Ventilation of the Abyssal Pacific and Southern Oceans
Paleoceanography and Paleoclimatology, Volume36, Issue9, September 2021, e2021PA004226 [\[Link\]](#) [\[Link\]](#)
- SR-21-067 SONG Haonan, ZHANG Yongcong, HAN Xibin, HU Bingyao, LONG Feijiang**
Provenance and climatic changes of the Natal Valley, Southeastern Africa since MIS12: the clay minerals records from Hole U1474, IODP361
Marine Geology & Quaternary Geology > 2021 > 41(4): 142-156 [\[Link\]](#)
- SR-21-068 Stephanie Scheidt, Matthias Lenz, Ramon Egli, Dominik Brill, Martin Klug, Karl Fabian, Marlene M. Lenz, Raphael Gromig, Janet Rethemeyer, Bernd Wagner, Grigory Fedorov, Martin Melles**
A 62-ka geomagnetic palaeointensity record from the Taymyr Peninsula, Russian Arctic
EGU, https://doi.org/10.5194/gchron-2021-12 [\[Link\]](#)
- SR-21-069 Alexander Francke, Jack H. Lacey, Marta Marchegiano, Bernd Wagner, Daniel Ariztegui, Giovanni Zanchetta, Stephanie Kusch, Kristian Ufer, Iliaria Baneschi, Katharina Knödgen**
Last Glacial central Mediterranean hydrology inferred from Lake Trasimeno's (Italy) calcium carbonate geochemistry
Boreas, DOI 10.1111/bor.12552 [\[Link\]](#)
- SR-21-070 Bernd Zolitschka, Irene Sophie Polgar, Hermann Behling**
Created by the Monte Peron rock avalanche: Lago di Vedana (Dolomites, Italy) and its sediment record of landscape evolution after a mass wasting event
Landslides (2021), DOI 10.1007/s10346-021-01787-2 [\[Link\]](#)
- SR-21-071 Wolfgang Knierzinger, Jyh-Jaan Steven Huang, Michael Strasser, Klaus-Holger Knorr, Ruth Drescher-Schneider, Michael Wagreich**
Late Holocene periods of copper mining in the Eisenerz Alps (Austria) deduced from calcareous lake deposits
Anthropocene, Volume 33, March 2021, 100273 [\[Link\]](#)
- SR-21-072 Monaghan, A.A.; Damaschke, M.; Starcher, V.; Fellgett, M.W.; Kingdon, A.; Kearsy, T.; Hannis, S.; Gillespie, M.; Shorter, K.; Elsome, J.; Barnett, M.**
UK Geoenergy Observatories Glasgow: GGC01 cored, seismic monitoring borehole – final data release
NERC, UKGEOS_GGC01final_OR_21_031_final.pdf [\[Link\]](#)
- SR-21-073 Natalie Schroeter, Jens Mingram, Julia Kalanke, Stefan Lauterbach, Rik Tjallingii, Valérie F. Schwab, Gerd Gleixner**
The Reservoir Age Effect Varies With the Mobilization of Pre-Aged Organic Carbon in a High-Altitude Central Asian Catchment
Front. Earth Sci., 01 July 2021 | https://doi.org/10.3389/feart.2021.681931 [\[Link\]](#)

- SR-21-074 Stamatina Makri, Andrea Lami, Luyao Tu, Wojciech Tylmann, Hendrik Vogel, Martin Grosjean**
Holocene phototrophic community and anoxia dynamics in meromictic Lake Jaczno (NE Poland) using high-resolution hyperspectral imaging and HPLC data
Biogeosciences, 18, 1839–1856, 2021 [\[Link\]](#)
- SR-21-075 Cristina Val-Peón, Juan I. Santisteban, José A. López-Sáez, Gerd-Christian Weniger, Klaus Reicherter**
Environmental Changes and Cultural Transitions in SW Iberia during the Early-Mid Holocene
Appl. Sci. 2021, 11(8), 3580; <https://doi.org/10.3390/app11083580> [\[Link\]](#)
- SR-21-076 W. Dummann, C. Schröder-Adams, P. Hofmann, J. Rethemeyer, J.O. Herrle**
Carbon isotope and sequence stratigraphy of the upper Isachsen Formation on Axel Heiberg Island (Nunavut, Canada): High Arctic expression of oceanic anoxic event 1a in a deltaic environment
Geosphere (2021) 17 (2): 501–519. [\[Link\]](#)
- SR-21-077 Hao Chen, Liping Zhu, Junbo Wang, Jianting Ju, Qingfeng Ma, Teng Xu**
Paleoclimate changes over the past 13,000 years recorded by Chibuzhang Co sediments in the source region of the Yangtze River, China
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 573, 1 July 2021, 110433 [\[Link\]](#)
- SR-21-078 ÖZLEM MAKAROĞLU**
A Holocene paleomagnetic record from Küçükçekmece Lagoon, NW Turkey
Turkish Journal of Earth Sciences, (2021) 45: 639–652 [\[Link\]](#)
- SR-21-079 A. G. Brown, M. Van Hardenbroek, T. Fonville, K. Davies, H. Mackay, E. Murray, K. Head, P. Barratt, F. McCormick, G. F. Ficetola, L. Gielly, A. C. G. Henderson, A. Crone, G. Cavers, P. G. Langdon, N. J. Whitehouse, D. Pirrie & I. G. Alsos**
Ancient DNA, lipid biomarkers and palaeoecological evidence reveals construction and life on early medieval lake settlements
Scientific Reports volume 11, Article number: 11807 (2021) [\[Link\]](#)
- SR-21-080 Michael Styllas, Christos Pennos, Matthieu Ghilardi, Aurel Persoiu, Lambrini Papadopoulou, Nikolaos Kantiranis, Eleni Aidona**
The relative contributions of weathering and aeolian inputs to postglacial formation of Mediterranean alpine loess
Earth ArXiv, <https://doi.org/10.31223/X5J325> [\[Link\]](#)
- SR-21-081 Hebah S. Mejbel, William Dodsworth, Alexandre Baud, Irene Gregory-Eaves, Frances R. Pick**
Comparing Quantitative Methods for Analyzing Sediment DNA Records of Cyanobacteria in Experimental and Reference Lakes
Front. Microbiol., 18 June 2021 | <https://doi.org/10.3389/fmicb.2021.669910> [\[Link\]](#)
- SR-21-082 Petra Zahajská, Rosine Cartier, Sherilyn C Fritz, Johanna Stadmark, Sophie Opfergelt, Ruth Yam, Aldo Shemesh, Daniel J Conley**
Impact of Holocene climate change on silicon cycling in Lake 850, Northern Sweden
The Holocene, 2021, Vol. 31(10) 1582–1592 [\[Link\]](#)
- SR-21-083 Daniela Müller, Rik Tjallingii, Mateusz Płóciennik, Tomi P. Luoto, Bartosz Kotrys, Birgit Plessen, Arne Ramisch, Markus J. Schwab, Mirosław Błaszczewicz, Michał Słowiński, Achim Brauer**
New insights into lake responses to rapid climate change: the Younger Dryas in Lake Gościąż, central Poland
Boreas, Volume50, Issue2, April 2021, Pages 535-555 [\[Link\]](#)
- SR-21-084 Patrick Oswald, Michael Strasser, Christa Hammerl, Jasper Moernaut**
Seismic control of large prehistoric rockslides in the Eastern Alps
Nature Communications volume 12, Article number: 1059 (2021) [\[Link\]](#)
- SR-21-085 Fernanda Charqueño-Celis, Itzel Sigala, Bernd Zolitschka, Liseth Pérez, Christoph Mayr, Julieta Massafferro**
Responses of testate amoebae assemblages (Amoebozoa: Arcellinida) to recent volcanic eruptions, inferred from the sediment record in Laguna Verde, southern Patagonia, Argentina
Journal of Paleolimnology (2021) [\[Link\]](#)
- SR-21-086 Helena Teixeira, Vincent Montade, Jordi Salmons, Julia Metzger, Laurent Bremond, Thomas Kasper, Gerhard Daut, Sylvie Rouland, Sandratrinirainy Ranarilalaitiana, Romule Rakotondravony, Lounès Chikhi, Hermann Behling, Ute Radespiel**
Past environmental changes affected lemur population dynamics prior to human impact in Madagascar
Communications Biology volume 4, Article number: 1084 (2021) [\[Link\]](#)
- SR-21-087 Raphael Gromig, Elodie Lebas, Larisa Savelieva, Zina Pushina, Grigory Fedorov, Dominik Brill, Marlene Margit Lenz, Sebastian Krastel, Bernd Wagner, Nataliya Kostromina, Mark Mustafin, Martin Melles**
Sedimentation history of Lake Taymyr, Central Russian Arctic, since the Last Glacial Maximum
J of Quaternary Science, <https://doi.org/10.1002/jqs.3342> [\[Link\]](#)
- SR-21-088 Tiziana Pedrotta, Erika Gobet, Christoph Schwörer, Giorgia Beffa, Christoph Butz, Paul D. Henne, César Morales-Molino, Salvatore Pasta, Jacqueline F. N. van Leeuwen, Hendrik Vogel, Elias Zwimpfer, Flavio S. Anselmetti, Martin Grosjean, Willy Tinner**
8,000 years of climate, vegetation, fire and land-use dynamics in the thermo-mediterranean vegetation belt of northern Sardinia (Italy)
Vegetation History and Archaeobotany volume 30, pages789–813 (2021) [\[Link\]](#)

- SR-21-089 Lorelei Curtin, William J. D'Andrea, Nicholas L. Balascio, Sabrina Shirazi, Beth Shapiro, Gregory A. de Wet, Raymond S. Bradley, Jostein Bakke**
Sedimentary DNA and molecular evidence for early human occupation of the Faroe Islands
Communications Earth & Environment volume 2, Article number: 253 (2021) [\[Link\]](#)
- SR-21-090 Matthias Lenz, Larisa Savelieva, Larisa Frolova, Anna Cherezova, Matthias Moros, Marlene M. Baumer, Raphael Gromig, Natalia Kostromina, Niyaz Nigmatullin, Vasili Kolka, Benrd Wagner, Grigory Fedorov, Martin Melles**
Lateglacial and Holocene environmental history of the central Kola region, northwestern Russia revealed by a sediment succession from Lake Imandra
Boreas, Volume50, Issue1, January 2021, Pages 76-100 [\[Link\]](#)
- SR-21-091 Chao Li, Junpeng Zhang, Wenjie Li, Joseph Botting, Qing Chen, Junxuan Fan, Yuandong Zhang**
Multiple glacio-eustatic cycles and associated environmental changes through the Hirnantian (Late Ordovician) in South China
Global and Planetary Change, Volume 207, December 2021, 103668 [\[Link\]](#)
- SR-21-092 Daming Yang, Yongjian Huang, Zongyang Chen, Qinghua Huang, Yanguang Ren, Chengshan Wang**
A python code for automatic construction of Fischer plots using proxy data
Scientific Reports volume 11, Article number: 10518 (2021) [\[Link\]](#)
- SR-21-093 Valentin Nigg, Paola Bacigaluppi, David F. Vetsch, Hendrik Vogel, Katrina Kremer, Flavio S. Anselmetti**
Shallow-Water Tsunami Deposits: Evidence From Sediment Cores and Numerical Wave Propagation of the 1601 CE Lake Lucerne Event
Geochemistry, Geophysics, Geosystems, Volume22, Issue12, December 2021, e2021GC009753 [\[Link\]](#)
- SR-21-094 Malin E. Kylander, Mikaela Holm, Jennifer Fitchett, Stefan Grab, Antonio Martinez Cortizas, Elin Norström, Richard Bindler**
Late glacial (17,060–13,400 cal yr BP) sedimentary and paleoenvironmental evolution of the Sekhokong Range (Drakensberg), southern Africa
PLOS ONE | <https://doi.org/10.1371/journal.pone.0246821> March 17, 2021 [\[Link\]](#)
- SR-21-095 Nicolas Waldmann, Kristian Vasskog, Guy Simpson, Emmanuel Chapron, Eivind Wilhelm Nagel Støren, Louise Hansen, Jean-Luc Loizeau, Atle Nesje, Daniel Ariztegui**
Anatomy of a Catastrophe: Reconstructing the 1936 Rock Fall and Tsunami Event in Lake Lovatnet, Western Norway
Front. Earth Sci., 28 May 2021 | <https://doi.org/10.3389/feart.2021.671378> [\[Link\]](#)
- SR-21-096 Klemens Katterbauer, Alberto Marsala, Abdallah Al Shehri, Ali Yousif**
Fractures and Flow Patterns Detection in Carbonate Reservoirs Using Intelligent Sensor Selection in a Deep Learning and Uncertainty Framework
SPE-204767-MS [\[Link\]](#) [\[Link\]](#)
- SR-21-097 Bingjie Yang, Karl Ljung, Anne Birgitte Nielsen, Elise Fahlgren, Dan Hammarlund**
Impacts of long-term land use on terrestrial organic matter input to lakes based on lignin phenols in sediment records from a Swedish forest lake
Science of The Total Environment, Volume 774, 20 June 2021, 145517 [\[Link\]](#)
- SR-21-098 Rachael S. Avery, Sarah L. Greenwood, Frederik Schenk, Björn M. Morén, David I. Armstrong Mckay, Lars Brunnerberg, Barbara Wohlfarth**
A 725-year integrated offshore terrestrial varve chronology for southeastern Sweden suggests rapid ice retreat ~15 ka BP
Boreas, Volume50, Issue2, April 2021, Pages 477-496 [\[Link\]](#) [\[Link\]](#)
- SR-21-099 Erin L. McClymont, Michael J. Bentley, Dominic A. Hodgson, Charlotte L. Spencer-Jones, Thomas Wardley, Martin D. West, Ian W. Croudace, Sonja Berg, Darren R. Gröcke, Gerhard Kuhn, Stewart S. R. Jamieson, Louise Sime, Richard A. Phillips**
Summer sea-ice variability on the Antarctic margin during the last glacial period reconstructed from snow petrel (*Pagodroma nivea*) stomach-oil deposits
EGU, <https://doi.org/10.5194/cp-2021-134> [\[Link\]](#)
- SR-21-100 Matt O'Regan, Thomas M. Cronin, Brendan Reilly, Aage Kristian Olsen Alstrup, Laura Gemery, Anna Golub, Larry A. Mayer, Mathieu Morlighem, Matthias Moros, Ole L. Munk, Johan Nilsson, Christof Pearce, Henrieka Detlef, Christian Stranne, Flor Vermassen, Gabriel West, and Martin Jakobsson**
The Holocene dynamics of Ryder Glacier and ice tongue in north Greenland
The Cryosphere, 15, 4073–4097, 2021 [\[Link\]](#)
- SR-21-101 Christos Pennos, Sofia Pechlivanidou, Sevasti Eleni Modestou, Aurel Persoiu, Ulysses Silas Ninnemann, Robert Leslie Gawthorpe, Jenny Marianne Maccali, Stein-Erik Lauritzen, Thomas Thuesen**
Deciphering late Quaternary climatic histories from the Hermes Cave speleothem record, Corinth Rift, Greece
Earth ArXiv, <https://doi.org/10.31223/X59S4N> [\[Link\]](#)
- SR-21-102 Gabriele E. Arnold, Verena Foerster, Martin H. Trauth, Henry Lamb, Frank Schaebitz, Asfawossen Asrat, Claudia Szczech, Christina Günter**
Advanced Hyperspectral Analysis of Sediment Core Samples from the Chew Bahir Basin, Ethiopian Rift, in the Spectral Range from 0.25 to 17 μm : Support for Climate Proxy Interpretation
Front. Earth Sci., 23 June 2021 | <https://doi.org/10.3389/feart.2021.606588> [\[Link\]](#)

- SR-21-103 Bernd Zolitschka, An-Sheng Lee, Daniela Piraquive Bermúdez, Thomas Giesecke**
Environmental variability at the margin of the South American monsoon system recorded by a high-resolution sediment record from Lagoa Dourada (South Brazil)
Quaternary Science Reviews, Volume 272, 15 November 2021, 107204 [\[Link\]](#) [\[Link\]](#)
- SR-21-104 Gary J. O'Sullivan, J. Stephen Daly, John Murray, Aodhán Ó'Gogáin, David M. Chew, Foteini Drakou, Paul C. Guyett, Eszter Badenszki, Brendan C. Hoare**
Uranium–lead phosphate chronostratigraphy: A proof of concept from the mid-Carboniferous boundary
Sedimentary Geology, Volume 422, August 2021, 105961 [\[Link\]](#)
- SR-21-105 Dorothea Bunzel, Yvonne Milker, Katharina Müller-Navarra, Helge Wolfgang Arz, Gerhard Schmiedl**
North Sea salt-marsh archives trace past storminess and climate variability
Global and Planetary Change, Volume 198, March 2021, 103403 [\[Link\]](#)
- SR-21-106 David Fortin, Pierre Francus**
Les archives paléo-hydrologiques de Grand Lake, Labrador
COMMISSION GÉOLOGIQUE DU CANADA, DOSSIER PUBLIC 8768, p188 [\[Link\]](#)
- SR-21-107 Wolf Dumann, Sebastian Steinig, Peter Hofmann, Matthias Lenz, Stephanie Kusch, Sascha Flögel, Jens Olaf Herrle, Christian Hallmann, Janet Rethemeyer, Haino Uwe Kasper, Thomas Wagner**
Driving mechanisms of organic carbon burial in the Early Cretaceous South Atlantic Cape Basin (DSDP Site 361)
Clim. Past, 17, 469–490, 2021 [\[Link\]](#)
- SR-21-108 Socorro Lozano-García, Blanca Figueroa-Rangel, Susana Sosa-Nájera, Margarita Caballero, Anders J Noren, Sarah E Metcalfe, Oswaldo Tellez-Valdés, Beatriz Ortega-Guerrero**
Climatic and anthropogenic influences on vegetation changes during the last 5000 years in a seasonal dry tropical forest at the northern limits of the Neotropics
Holocene, https://doi.org/10.1177/0959683620988054 [\[Link\]](#) [\[Link\]](#)
- SR-21-109 Paul Mehlhorn, Finn Viehberg, Kelly Kirsten, Brent Newman, Peter Frenzel, Olga Gildeeva, Andrew Green, Annette Hahn, Torsten Haberzettl**
Spatial distribution and consequences of contaminants in harbour sediments – A case study from Richards Bay Harbour, South Africa
Marine Pollution Bulletin, Volume 172, November 2021, 112764 [\[Link\]](#)
- SR-21-110 Sulung Nomosatryo, Rik Tjallingii, Anja Maria Schleicher, Paulus Boli, Cynthia Henny, Dirk Wagner, Jens Kallmeyer**
Geochemical Characteristics of Sediment in Tropical Lake Sentani, Indonesia, Are Influenced by Spatial Differences in Catchment Geology and Water Column Stratification
Front. Earth Sci., 28 May 2021 | https://doi.org/10.3389/feart.2021.671642 [\[Link\]](#)
- SR-21-111 Niels Meijer, Guillaume Dupont-Nivet, Natasha Barbolini, Amber Woutersen, Alexander Rohrmann, Yang Zhang, Xiang-Jun Liu, Alexis Licht, Hemmo A. Abels, Carina Hoorn, Rik Tjallingii, Christoff Andermann, Michael Dietze, Norbert Nowaczyk**
Loess-Like Dust Appearance at 40 Ma in Central China
Paleoceanography and Paleoclimatology, Volume 36, Issue 3, March 2021, e2020PA003993 [\[Link\]](#)
- SR-21-112 Ariana Molenaar, Maarten Van Daele, Thomas Vandorpe, Gerald Degenhart, Marc De Batist, Roberto Urrutia, Mario Pino, Michael Strasser, Jasper Moernaut**
What controls the remobilization and deformation of surficial sediment by seismic shaking? Linking lacustrine slope stratigraphy to great earthquakes in South–Central Chile
Sedimentology, Volume 68, Issue 6, October 2021, Pages 2365–2396 [\[Link\]](#)
- SR-21-113 Tobias Schneider, Benjamin A. Musa Bandowe, Moritz Bigalke, Adrien Mestrot, Henrietta Hampel, Pablo V. Mosquera, Lea Fränkl, Giulia Wienhues, Hendrik Vogel, Wojciech Tylmann, Martin Grosjean**
250-year records of mercury and trace element deposition in two lakes from Cajas National Park, SW Ecuadorian Andes
Environmental Science and Pollution Research volume 28, pages 16227–16243 (2021) [\[Link\]](#)
- SR-21-114 David J. Nash, T. Jake R. Ciborowski, Timothy Darvill, Mike Parker Pearson, J. Stewart Ulllyott, Magret Damaschke, Jane A. Evans, Steven Goderis, Susan Greaney, Jennifer M. Huggett, Robert A. Ixer, Duncan Pirrie, Matthew R. Power, Tobias Salge, Neil Wilkinson**
Petrological and geochemical characterisation of the sarsen stones at Stonehenge
PLOS ONE | https://doi.org/10.1371/journal.pone.0254760 August 4, 2021 [\[Link\]](#)
- SR-21-115 C. Beasley, S. Kender, L. Giosan, C. T. Bolton, P. Anand, M. J. Leng, K. Nilsson-Kerr, C. V. Ullmann, S. P. Hesselbo, K. Littler**
Evidence of a South Asian Proto-Monsoon During the Oligocene-Miocene Transition
Paleoceanography and Paleoclimatology, Volume 36, Issue 9, September 2021, e2021PA004278 [\[Link\]](#)
- SR-21-116 Hannes Laermans, Anna Pint, Piero Bellanov, Lisa Feist, Barbara Wagner, Sebastian Frank, Margret Mathes-Schmidt, Juliane Scheder, Felix Teichner, Klaus Reicherter, Helmut Brückner**
The Santo André lagoon at the Atlantic coast of Portugal – Holocene evolution and event history
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 571, 1 June 2021, 110366 [\[Link\]](#) [\[Link\]](#)

- SR-21-117 Fang Gu, Kamaleddin Alizadeh, Hermann Behling**
Late Holocene Vegetation and Environmental Changes of Coastal Lowlands in Northern Iran: Possible Role of Climate, Human Impact and Caspian Sea Level Fluctuations
DOI: 10.21203/rs.3.rs-157366/v1 [\[Link\]](#)
- SR-21-118 Cécile L. Blanchet, Rik Tjallingii, Anja M. Schleicher, Stefan Schouten, Martin Frank, Achim Brauer**
Deoxygenation dynamics on the western Nile deep-sea fan during sapropel S1 from seasonal to millennial timescales
Clim. Past, 17, 1025–1050, 2021 [\[Link\]](#)
- SR-21-119 Sofia Ribeiro, Audrey Limoges, Guillaume Massé, Kasper L. Johansen, William Colgan, Kaarina Weckström, Rebecca Jackson, Eleanor Georgiadis, Naja Mikkelsen, Antoon Kuijpers, Jesper Olsen, Steffen M. Olsen, Martin Nissen, Thorbjørn J. Andersen, Astrid Strunk, Sebastian Wetterich, Jari Syväranta, Andrew C. G. Henderson, Helen Mackay, Sami Taipale, Erik Jeppesen, Nicolaj K. Larsen, Xavier Crosta, Jacques Giraudeau, Simone Wengrat, Mark Nuttall, Bjarne Grønnow, Anders Mosbech, Thomas A. Davidson**
Vulnerability of the North Water ecosystem to climate change
Nature Communications volume 12, Article number: 4475 (2021) [\[Link\]](#)
- SR-21-120 Valentin Nigg, Paola Bacigaluppi, David F. Vetsch, Hendrik Vogel, Katrina Kremer, Flavio S. Anselmetti**
Offshore Tsunami Deposits: Evidence from Sediment Cores and Numerical Wave Propagation of the 1601 CE Lake Lucerne Event
Earth and Space Science Open Archive ESSOAr; Washington, Mar 6, 2021. DOI:10.1002/essoar.10506389.1 [\[Link\]](#)
- SR-21-121 Harald Stollhofen, Ian G. Stanistreet, Nicholas Toth, Kathy D. Schick, Agata Rodríguez-Cintas, Rosa M. Albert, Paul Farrugia, Jackson K. Njau, Michael C. Pante, Edward W. Herrmann, Lana Ruck, Marion K. Bamford, Robert J. Blumenschine, Fidelis T. Masao**
Olduvai's oldest Oldowan
Journal of Human Evolution, Volume 150, January 2021, 102910 [\[Link\]](#)
- SR-21-122 Frank Schaebitz, Asfawossen Asrat, Henry F. Lamb, Andrew S. Cohen, Verena Foerster, Walter Duesing, Stefanie Kaboth-Bahr, Stephan Opitz, Finn A. Viehberg, Ralf Vogelsang, Jonathan Dean, Melanie J. Leng, Annett Junginger, Christopher Bronk Ramsey, Melissa S. Chapot, Alan Deino, Christine S. Lane, Helen M. Roberts, Céline Vidal, Ralph Tiedemann, Martin H. Trauth**
Hydroclimate changes in eastern Africa over the past 200,000 years may have influenced early human dispersal
Communications Earth & Environment volume 2, Article number: 123 (2021) [\[Link\]](#)
- SR-21-123 Gabriel Rodrigue, Pierre Francus, David Fortin**
Contexte paléoenvironnemental d'un lac à troncs subfossiles
COMMISSION GÉOLOGIQUE DU CANADA, DOSSIER PUBLIC 8768, p116 [\[Link\]](#)
- SR-21-124 Matthias Lenz, Elodie Lebas, Marlene M. Lenz, Grigory Fedorov, Raphael Gromig, Vasili Kolka, Sebastian Krastel, Niklas Leicher, Martin Melles, Bernd Wagner**
Highly variable sediment deposition in Lake Imandra, NW Russia, since the Late Pleistocene
JOURNAL OF QUATERNARY SCIENCE (2021), ISSN 0267-8179. DOI: 10.1002/jqs.3353 [\[Link\]](#)
- SR-21-125 Blanchet Cécile L., Tjallingii Rik, Schleicher Anja M., Schouten Stefan, Frank Martin, Brauer, Achim**
Deoxygenation dynamics on the western Nile deep-sea fan during sapropel S1 from seasonal to millennial timescales.
Climate of the Past, 17 . pp. 1025-1050. DOI 10.5194/cp-17-1025-2021. [\[Link\]](#)
- SR-21-126 Dianne Höfig, Yi Ge Zhang, Liviú Giosan, Qin Leng, Jiaqi Liang, Mengxiao Wu, Brent Miller, Hong Yang**
Annually resolved sediments in the classic Clarkia lacustrine deposits (Idaho, USA) during the middle Miocene Climate Optimum
Geology (2021) 49 (8): 916–920 [\[Link\]](#)
- SR-21-127 Brian Yellen, Jonathan Woodruff, Caroline Ladlow, David K. Ralston, Sarah Fernald, Waverly Lau**
Rapid tidal marsh development in anthropogenic backwaters
Earth Surface Processes and Landforms, Volume 46, Issue 3, 15 March 2021, Pages 554-572 [\[Link\]](#) [\[Link\]](#)
- SR-21-128 SONG Haonan, ZHANG Yongcong, HAN Xibin, HU Bingyao, LONG Feijiang**
Provenance and climatic changes of the Natal Valley, Southeastern Africa since MIS12: the clay minerals records from Hole U1474, IODP361
Marine Geology & Quaternary Geology, https://doi.org/10.16562/j.cnki.0256-1492.2021042001 [\[Link\]](#)
- SR-21-129 Ella W. Stokke, Morgan T. Jones, Lars Riber, Hafliði Hafliðason, Ivar Midtkandal, Bo Pagh Schultz, Henrik H. Svensen**
Rapid and sustained environmental responses to global warming: the Paleocene–Eocene Thermal Maximum in the eastern North Sea
Clim. Past, 17, 1989–2013, 2021 [\[Link\]](#)
- SR-21-130 An-Sheng Lee, Dirk Enters, Jürgen Titschack, Bernd Zolitschka**
Facies characterisation of sediments from the East Frisian Wadden Sea (Germany): new insights from down-core scanning techniques
Netherlands Journal of Geosciences, Volume 100, e8. https://doi.org/10.1017/njg.2021.6 [\[Link\]](#)

- SR-21-131 Niklas Leicher, Biagio Giaccio, Giovanni Zanchetta, Roberto Sulpizio, Paul G. Albert, Emma L. Tomlinson, Markus Lagos, Alexander Francke, Bernd Wagner**
Lake Ohrid's tephrochronological dataset reveals 1.36 Ma of Mediterranean explosive volcanic activity
Scientific Data volume 8, Article number: 231 (2021) [\[Link\]](#)
- SR-21-132 Marc-Élie Adaimé, Reinhard Pienitz, Pierre Legendre, Dermot Antoniades**
Postglacial palaeoenvironmental reconstruction of the Fury and Hecla Strait region (Nunavut) inferred from microfossils and geochemical proxies
J of Quaternary Science, <https://doi.org/10.1002/jqs.3287> [\[Link\]](#)
- SR-21-133 Ella W. Stokke, Morgan T. Jones, Lars Riber, Hafliði Hafliðason, Ivar Midtkandal, Bo Pagh Schultz, Henrik H. Svensen**
Rapid and sustained environmental responses to global warming: the Paleocene–Eocene Thermal Maximum in the eastern North Sea
Clim. Past, 17, 1989–2013, 2021 [\[Link\]](#)
- SR-21-134 Sujin Kang, Jung-Hyun Kim, Young Jin Joe, Kwangchul Jang, Seung-Il Nam, Kyung-Hoon Shin**
Long-term environmental changes in the Geum Estuary (South Korea): Implications of river impoundments
Marine Pollution Bulletin
Volume 168, July 2021, 112383 [\[Link\]](#)
- SR-21-135 Antoine Gagnon-Poiré, Pierre Brigode, Pierre Francus, David Fortin, Patrick Lajeunesse, Hugues Dorion, Annie-Pier Trottier**
Reconstructing past hydrology of eastern Canadian boreal catchments using clastic varved sediments and hydro-climatic modelling: 160 years of fluvial inflows
Clim. Past, 17, 653–673, 2021 [\[Link\]](#)
- SR-21-136 E. Romano, L. Bergamin, I. W. Croudace, G. Pierfranceschi, G. Sesta, A. Ausili**
Measuring anthropogenic impacts on an industrialised coastal marine area using chemical and textural signatures in sediments: A case study of Augusta Harbour (Sicily, Italy)
Science of The Total Environment, Volume 755, Part 1, 10 February 2021, 142683 [\[Link\]](#)
- SR-21-137 Teuntje P. Hollaar, Sarah J. Baker, Stephen P. Hesselbo, Jean-François Deconinck, Luke Mander, Micha Ruhl, Claire M. Belcher**
Wildfire activity enhanced during phases of maximum orbital eccentricity and precessional forcing in the Early Jurassic
Communications Earth & Environment volume 2, Article number: 247 (2021) [\[Link\]](#)
- SR-21-138 Jia-Hong Chen, Shyh-Jeng Chyi, Jiun-Yee Yen, Lih-Der Ho, Christopher Lüthgens, Pei-Ling Wang, Li-Hung Lin, I-Chin Yen, Chia-Hung Jen, Jyh-Jaan Steven Huang**
Holocene fluvial landscape evolution driven by sea level and tectonic controls in the Gangkou River, Hengchun Peninsula
Terr. Atmos. Ocean. Sci., Vol. 32, No. 3, 339-360, June 2021 [\[Link\]](#)
- SR-21-139 Ole Bennike, Bent Vad Odgaard, Heather Moorhouse, Suzanne McGowan, Marie-Louise Siggaard-Andersen, Benjamin L. Turner, Anders Schomacker, Søren Jessen, Jolanta Kazmierczak, Jesper Olsen, Peter Rasmussen, Jacob Kidmose, Catharina S. Nisbeth, Lærke Thorling, Kaarina Weckström**
Early historical forest clearance caused major degradation of water quality at Lake Væng, Denmark
Anthropocene, Volume 35, September 2021, 100302 [\[Link\]](#)
- SR-21-140 Kuldeep D. More, Cornelia Wuchter, Xabier Irigoien, Jessica E. Tierney, Liviu Giosan, Kliti Grice, Marco J. L. Coole**
Subseafloor Archaea reflect 139 kyrs of paleodepositional changes in the northern Red Sea
Gebiology, Volume 19, Issue 2, March 2021, Pages 162-172 [\[Link\]](#)
- SR-21-141 Anna-Marie Klamt, Sofie P. Poulsen, Bent V. Odgaard, Thomas Hübener, Suzanne McGowan, Henning S. Jensen, Kasper Reitzel**
Holocene lake phosphorus species and primary producers reflect catchment processes in a small, temperate lake
Ecological Monographs, 0(0), 2021, e01455 [\[Link\]](#)
- SR-21-142 Torsten Haberzettl, Thomas Kasper, Joseph S. Stoner, Jean Jacques Rahobisoa, Gerhard Daut**
Extending and refining the paleomagnetic secular variation database for south-eastern Africa (Madagascar) to 2500 cal BP
Earth and Planetary Science Letters, Volume 565, 1 July 2021, 116931 [\[Link\]](#)
- SR-21-143 Robin Fentimen, Eline Feenstra, Andres Rüggeberg, Efraim Hall, Valentin Rime, Torsten Vennemann, Irka Hajdas, Antonietta Rosso, David Van Rooij, Thierry Adatte, Hendrik Vogel, Norbert Frank, Anneleen Foubert**
A 300,000 year record of cold-water coral mound build-up at the East Melilla Coral Province (SE Alboran Sea, western Mediterranean)
Climate of the Past, <https://doi.org/10.5194/cp-2021-162> [\[Link\]](#)
- SR-21-144 Norbert R Nowaczyk, Jiabo Liu, Helge W Arz**
Records of the Laschamps geomagnetic polarity excursion from Black Sea sediments: magnetite versus greigite, discrete sample versus U-channel data
Geophysical Journal International, Volume 224, Issue 2, February 2021, Pages 1079–1095 [\[Link\]](#)

- SR-21-145 Shinya Iwasaki, Lester Lembke-Jene, Kana Nagashima, Helge Arz, Naomi Harada, Katsunori Kimoto, Frank Lamy**
Evidence for late glacial oceanic carbon redistribution and discharge from the Pacific Southern Ocean
Research Square, DOI: <https://doi.org/10.21203/rs.3.rs-1199164/v1> [\[Link\]](#)
- SR-21-146 Marie-Chloé Michaud Paradis, François R. Doucet, Kheireddine Rifai, Lütfü Ç. Özcan, Nawfel Azami, François Vidal**
ECORE: A New Fast Automated Quantitative Mineral and Elemental Core Scanner
Minerals 2021, 11(8), 859; <https://doi.org/10.3390/min11080859> [\[Link\]](#)
- SR-21-147 Yi Wu, Andrew P. Roberts, Katharine M. Grant, David Heslop, Brad J. Pillans, Xiang Zhao, Eelco J. Rohling, Thomas A. Ronge, Mingming Ma, Paul P. Hesse, Alan S. Palmer**
Climatically Modulated Dust Inputs from New Zealand to the Southwest Pacific Sector of the Southern Ocean Over the Last 410 kyr
Paleoceanography and Paleoclimatology, 36, e2020PA003949. <https://doi.org/10.1029/2020PA003949> [\[Link\]](#) [\[Link\]](#)
- SR-21-148 Gabriel West, Helena Alexanderson, Martin Jakobsson, Matt O'Regan**
Optically stimulated luminescence dating supports pre-Eemian age for glacial ice on the Lomonosov Ridge off the East Siberian continental shelf
Quaternary Science Reviews, Volume 267, 1 September 2021, 107082 [\[Link\]](#)
- SR-21-149 Daniel Gebregiorgis, Daniel M. Deocampo, Verena Foerster, Fred J. Longstaffe, Jeremy S. Delaney, Frank Schaebitz, Annett Junginger, Monika Markowska, Stephan Opitz, Martin H. Trauth, Henry F. Lamb, Asfawossen Asrat**
Modern Sedimentation and Authigenic Mineral Formation in the Chew Bahir Basin, Southern Ethiopia: Implications for Interpretation of Late Quaternary Paleoclimate Records
Front. Earth Sci., 30 April 2021 | <https://doi.org/10.3389/feart.2021.607695> [\[Link\]](#)
- SR-21-150 AEmma Rehn, Cassandra Rowe, Sean Ulm, Craig Woodward, Michael Bird**
A late-Holocene multiproxy fire record from a tropical savanna, eastern Arnhem Land, Northern Territory, Australia
The Holocene, <https://doi.org/10.1177/0959683620988030> [\[Link\]](#)
- SR-21-151 Martin Head, Will Steffen, David Fagerlind, Colin Waters, Clement Poirier, Jaia Syvitski, Jan Zalasiewicz, Anthony Barnosky, Alejandro Cearreta, Catherine Jeandel, Reinhold Leinfelder, J.R. McNeill, Neil Rose, Colin Summerhayes, Michael Wagreich, Jens Zinke**
The Great Acceleration is real and provides a quantitative basis for the proposed Anthropocene Series/Epoch
<https://hal.archives-ouvertes.fr/hal-03437341> [\[Link\]](#)
- SR-21-152 STEVEN C. CLEMENS, MASANOBU YAMAMOTO, KAUSTUBH THIRUMALAI, LIVIU GIOSAN, JULIE N. RICHEY, KATRINA NILSSON-KERR, YAIR ROSENTHAL, PALLAVI ANAND, SARAH M. MCGRATH**
Remote and local drivers of Pleistocene South Asian summer monsoon precipitation: A test for future predictions
SCIENCE ADVANCES • 4 Jun 2021 • Vol 7, Issue 23 • DOI: 10.1126/sciadv.abg3848 [\[Link\]](#)
- SR-21-153 Adam H. Robinson, Ben Callow, Christoph Böttner, Naima Yilo, Giuseppe Provenzano, Ismael H. Falcon-Suarez, Héctor Marín-Moreno, Anna Lichtschlag, Gaye Bayrakci, Romina Gehrman, Lou Parkes, Ben Roche, Umer Saleem, Bettina Schramm, Malin Waage, Aude Lavayssière, Jianghui Li, Farid Jedari-Eyvazi, Benedict Reinardy**
Multiscale characterisation of chimneys/pipes: Fluid escape structures within sedimentary basins
International Journal of Greenhouse Gas Control, Volume 106, March 2021, 103245 [\[Link\]](#)
- SR-21-154 Kasun Gayantha, Patrick Roberts, Joyanto Routh, Oshan Wedage, Florian Ott, Peter Frenzel, Rohana Chandrajith, Gerd Gleixner**
Mid-Late Holocene Sub-Millennial Scale Inverse Trends of South Asian Summer and Winter Monsoons in Sri Lanka
Front. Earth Sci., 14 December 2021 | <https://doi.org/10.3389/feart.2021.789291> [\[Link\]](#)
- SR-21-155 WU Lanjun, LI Gang**
The applicability of organic contents in marine sediments based on bromine intensity by the XRF scanner
J of Tropical Oceanography, http://journal15.magtechjournal.com/Jwk3_rdhycb/CN/10.11978/2021041 [\[Link\]](#)
- SR-21-156 F.Carvalho, L.Schulte**
Reconstruction of mining activities in the Western Alps during the past 2500 years from natural archives
Science of The Total Environment, Volume 750, 1 January 2021, 141208 [\[Link\]](#)
- SR-21-157 Takeshi Nakagawa, Pavel Tarasov, Richard Staff, Christopher Bronk Ramsey, Michael Marshall, Gordon Schlolaut, Charlotte Bryant, Achim Brauer, Henry Lamb, Tsuyoshi Haraguchi, Katsuya Gotanda, Ikuko Kitaba, Hiroyuki Kitagawa, Johannes van der Plicht, Hitoshi Yonenobu, Takayuki Omori, Yusuke Yokoyama, Ryuji Tada, Yoshinori Yasuda**
The spatio-temporal structure of the Lateglacial to early Holocene transition reconstructed from the pollen record of Lake Suigetsu and its precise correlation with other key global archives: Implications for palaeoclimatology and archaeology
Global and Planetary Change, Volume 202, July 2021, 103493 [\[Link\]](#)
- SR-21-158 Osamu Seki, Yusuke Okazaki, Naomi Harada**
Assessment of long-chain n-alkanes as a paleoclimate proxy in the Bering Sea sediments
Progress in Oceanography, Volume 198, November 2021, 102687 [\[Link\]](#)

- SR-21-159 Yu-Min Chou, Xiaodong Jiang, Li Lo, Liang-Chi Wang, Teh-Quei Lee, Chun-Chieh Wang¹⁰, Yongxin Pan, Jianjun Zou, Fabien Humbert, Zhiqiang Liu**
Controls on Terrigenous Detritus Deposition and Oceanography Changes in the Central Okhotsk Sea Over the Past 1550 ka
Front. Earth Sci., 29 October 2021 | <https://doi.org/10.3389/feart.2021.683984> [\[Link\]](#)
- SR-21-160 David J. Lowe, Adrian Pittari**
Auckland Volcanic Field and Rangitoto Island field trip 2021
School of Science, University of Waikato, ISBN: 978-0-9922634-3-0 [\[Link\]](#)
- SR-21-161 Samuel Olatunde Popoola, Adesina Thompson Adegbe, Edward Akintoy Akinnigbagb, John Paul Unyimadu**
Geochemistry of ferromanganese micronodules recovered from sediment-core in the western Nigeria continental margin, Eastern Equatorial Atlantic: Implications on the genesis and depositional history.
Journal of African Earth Sciences, Volume 184, December 2021, 104369 [\[Link\]](#)
- SR-21-162 Noble, Jacob; Cage, Alix; Beavers, Olivia; Sparks, Bradley; Furze, Mark; Scourse, James**
The palaeoceanographic history of the Celtic Sea since the last deglaciation and its potential for carbon storage
<https://ui.adsabs.harvard.edu/abs/2021EGUGA..23.9689N/abstract> [\[Link\]](#)
- SR-21-163 Masaki Yamada, Shigehiro Fujino, Takashi Chiba, Catherine Chagué, Daisuke Takeda**
Recurrence of intraplate earthquakes inferred from tsunami deposits during the past 7300 years in Beppu Bay, southwest Japan
Quaternary Science Reviews, Volume 259, 1 May 2021, 106901 [\[Link\]](#)
- SR-21-164 Matthew Adesanya Adeleye, Simon Graeme Haberle, Stephen Harris, Felicitas Viktoria-Louise Hopf, Simon Connor, Janelle Stevenson**
Holocene heathland development in temperate oceanic Southern Hemisphere: Key drivers in a global context
J of Biogeography, Volume48, Issue5, May 2021, Pages 1048-1062 [\[Link\]](#)
- SR-21-165 Samuel K. Marx, William Reynolds, Jan-Hendrik May, Matthew S. Forbes, Nicola Stromsoe, Michael-Shawn Fletcher, Tim Cohen, Patrick Moss, Debashish Mazumder, Patricia Gadd**
Monsoon driven ecosystem and landscape change in the 'Top End' of Australia during the past 35 kyr
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 583, 1 December 2021, 110659 [\[Link\]](#)
- SR-21-166 Ray Kostaschuk, Ayana Aden, Joseph R. Desloges**
Erosion, deposition and contamination by high-magnitude subaqueous debris flows and turbidity currents: Insights from the failure of a tailings dam near Quesnel Lake, British Columbia
Sedimentology, Volume68, Issue5, August 2021, Pages 1923-1940 [\[Link\]](#)
- SR-21-167 Loic Piret, Sebastien Bertrand, Jon Hawkings, Malin E. Kylander, Fernando Torrejón, Benjamin Amann, Jemma Wadham**
High-resolution fjord sediment record of a receding glacier with growing intermediate proglacial lake (Steffen Fjord, Chilean Patagonia)
Earth Surface Processes and Landforms, Volume46, Issue1, January 2021, Pages 239-251 [\[Link\]](#)
- SR-21-168 Edward Duarte, Jonathan Obrist-Farner, Alex Correa-Metrio, Byron A. Steinman**
A progressively wetter early through middle Holocene climate in the eastern lowlands of Guatemala
Earth and Planetary Science Letters, Volume 561, 1 May 2021, 116807 [\[Link\]](#)
- SR-21-169 Xavier Benito, Melina Luethje, Tobias Schneider, Sherilyn C. Fritz, Paul A. Baker, Eric J. Pedersen, Pierre Gaüzère, Majoi de Novaes Nascimento, Mark Bush, Albert Ruhi**
Ecological resilience in tropical Andean lakes: A paleolimnological perspective
Ecological and Oceanography, https://doi.org/10.1002/ino.11747 [\[Link\]](#)
- SR-21-170 Javier Santos-González, Amelia Gómez-Villar, Rosa Blanca González-Gutiérrez, Juan Pablo Corella, Gerardo Benito, José María Redondo-Vega, Adrián Melón-Nava, Blas Valero-Garcés**
Geomorphological impact, hydraulics and watershed- lake connectivity during extreme floods in mountain areas: The 1959 Vega de Tera dam failure, NW Spain
Geomorphology, Volume 375, 15 February 2021, 107531 (see 2020) [\[Link\]](#)
- SR-21-171 Marina A. Morlock, Hendrik Vogel, James M. Russell, Flavio S. Anselmetti, Satria Bijaksana**
Quaternary environmental changes in tropical Lake Towuti, Indonesia, inferred from end-member modelling of X-ray fluorescence core-scanning data
J of Quaternary Science, Volume36, Issue6, August 2021, Pages 1040-1051 [\[Link\]](#)
- SR-21-172 Caio Alves de Moraes, Marcondes Lima da Costa, Alexandre Guida Navarro, Maria Ecilene Nunes da Silva Meneses, Leonardo Boiadeiro Ayres Negrão, Herbert Pöllmann, Hermann Behling**
Holocene coastal environmental changes inferred by multi-proxy analysis from Lago Formoso sediments in Maranhão State, northeastern Brazil
Quaternary Science Reviews, Volume 273, 1 December 2021, 107234 [\[Link\]](#)
- SR-21-173 Nurgul Balci, Yagmur Gunes, Fatih Sekerci, Erol Sari**
S and O isotope ratios of sulfate suggest enhanced monosulfides oxidation in a historical Pb–Zn mine site
Applied Geochemistry, Volume 132, September 2021, 105067 [\[Link\]](#)

- SR-21-174 Luyao Tu, Adrian Gilli, André F. Lotter, Hendrik Vogel, Madeleine Moyle, John F. Boyle, Martin Grosjean**
The nexus among long-term changes in lake primary productivity, deep-water anoxia, and internal phosphorus loading, explored through analysis of a 15,000-year varved sediment record
Global and Planetary Change, Volume 207, December 2021, 103643 [\[Link\]](#)
- SR-21-175 Annette Hahn, Frank H. Neumann, Charlotte Miller, Jemma Finch, Tarryn Frankland, Hayley C. Cawthra, Enno Schefuß, Matthias Zabel**
Mid-to Late Holocene climatic and anthropogenic influences in Mpondoland, South Africa
Quaternary Science Reviews, Volume 261, 1 June 2021, 106938 [\[Link\]](#)
- SR-21-176 D. Cossa, A Mucci, S. Guédron, M. Coquery, O. Radakovitch, R. Escoube, S. Campillo, S. Heussner**
Mercury accumulation in the sediment of the Western Mediterranean abyssal plain: A reliable archive of the late Holocene
Geochimica et Cosmochimica Acta, Volume 309, 15 September 2021, Pages 1-15 [\[Link\]](#)
- SR-21-177 Owen C. Cowling, Elizabeth K. Thomas, John Inge Svendsen, Jan Mangerud, Hafliði Hafliðason, Carl Regnéll, Jo Brendryen**
Western Siberia experienced rapid shifts in moisture source and summer water balance during the last deglaciation and early Holocene
J of Quaternary Science, https://doi.org/10.1002/jqs.3386 [\[Link\]](#)
- SR-21-178 B.R.B. Gregory, R.T. Patterson, J.M. Galloway, E.G. Reinhardt**
The impact of cyclical, multi-decadal to centennial climate variability on arsenic sequestration in lacustrine sediments
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 565, 1 March 2021, 110189 [\[Link\]](#)
- SR-21-179 George Kontsevich, Ludvig Löwemark**
Corascope: Software assisted XRF scan merging
Computers & Geosciences, Volume 156, November 2021, 104906 [\[Link\]](#)
- SR-21-180 Arts, Michiel; Cramer, Bradley; Calner, Mikael; Rasmussen, Christian; Bancroft, Alyssa; Oborny, Stephan; Hartke, Emma; Biebesheimer, Ellie; Da Silva, Anne-Christine**
A sequence of temporally separated element peaks; the fingerprint of a biogeochemical event initiated by sedimentary exhalative (SEDEX) brine expulsion
https://doi.org/10.5194/egusphere-egu21-12461 [\[Link\]](#)
- SR-21-181 Gustavo N. Aumond, Karlos G.D. Kochhann, Renata G. Netto, Laís V.de Souza, Daniel Sedorko, Rodrigo S. Horodyski, Flavio N. Almeida Júnior, Mariano Verde**
Paleoenvironmental conditions of the late Miocene “Entrerriense” epicontinental sea: A case study of the Camacho Formation, SW Uruguay
Journal of South American Earth Sciences, Volume 110, October 2021, 103421 [\[Link\]](#)
- SR-21-182 Raphaël Paris, Pierre Sabatier, Maude Biguenet, Alexis Bouguin, Gaël André, Jean Roger**
A tsunami deposit at Anse Meunier, Martinique Island: Evidence of the 1755 CE Lisbon tsunami and implication for hazard assessment
Marine Geology, Volume 439, September 2021, 106561 [\[Link\]](#)
- SR-21-183 Duncan Wright, Philip Hughes, Nicholas Skopal, Matěj Kmošek, Amy Way, Marjorie Sullivan, Lenka Lisá, Pamela Ricardi, Petr Škrdla, Ladislav Nejman, Patricia Gadd, Miriam Nývltová Fišáková, Ondřej Mlejnek, Miroslav Králík**
The archaeology of overburden: Method within the madness at Švédův Stůl, Czech Republic
Journal of Archaeological Science, Volume 132, August 2021, 105429 [\[Link\]](#)
- SR-21-184 Mahmoud Rezaeizadeh, Seyed Hasan Hajiabadi, Hamed Aghaei, Martin J.Blunt**
Pore-scale analysis of formation damage; A review of existing digital and analytical approaches
Advances in Colloid and Interface Science, Volume 288, February 2021, 102345 [\[Link\]](#)
- SR-21-185 Xiaozhong Huang, Xiuxiu Ren, Xuemei Chen, Jun Zhang, Xiaosen Zhang, Zhongwei Shen, Yu Hu, Fahu Chen**
Anthropogenic mountain forest degradation and soil erosion recorded in the sediments of Mayinghai Lake in northern China
CATENA, Volume 207, December 2021, 105597 [\[Link\]](#)
- SR-21-186 Leonie Peti, Jenni L. Hopkins, Paul C. Augustinus**
Revised tephrochronology for key tephtras in the 130-ka Ōrākei Basin maar core, Auckland Volcanic Field, New Zealand: implications for the timing of climatic changes
New Zealand Journal of Geology and Geophysics, Volume 64, 2021 - Issue 2-3 [\[Link\]](#)
- SR-21-187 James B.Riding**
The forensic utility of reworked geological materials in soil
Forensic Science International, Volume 327, October 2021, 110942 [\[Link\]](#)
- SR-21-188 A.E. López-Pérez, B. Rubio, D. Rey, M. Plaza-Morlote, L.M. Pinheiro**
Late Quaternary tectono-sedimentary processes on an isolated offshore high marginal platform (NW Iberian Continental Margin)
Marine Geology, Volume 431, January 2021, 106374 [\[Link\]](#)
- SR-21-189 Katleen Wils, Mudrik R. Daryono, Nore Praet, Arianto Budi Santoso, Aan Dianto, Sabine Schmidt, Morgan Vervoort, Jyh-Jaan Steven Huang, Edi Kusmanto, Purnama Suandhi, Danny H. Natawidjaja, Marc De Batist**
The sediments of Lake Singkarak and Lake Maninjau in West Sumatra reveal their earthquake, volcanic and rainfall history
Sedimentary Geology, Volume 416, 15 April 2021, 105863 [\[Link\]](#)

- SR-21-190 Jesmond Sammut, Karthik Gopi, Neil Saintilan, Debashish Mazumder**
2 - Facing the challenges of food fraud in the global food system
Food Authentication and Traceability, 2021, Pages 35-63 [\[Link\]](#)
- SR-21-191 Karsten Schitteck, Lelaina Teichert, Katrin Geiger, Klaus-Holger Knorr, Simone Schneider**
A 14,000 year peatland record of environmental change in the southern Gutland region, Luxembourg
The Holocene, https://doi.org/10.1177/0959683621994645 [\[Link\]](#)
- SR-21-192 Emily M. Lane, Kristie-Lee Thomas, Darren N. King, Shaun Williams, Jose Borrero, William Power, Aditya Gus**
Five years after the 14 November 2016 Kaikōura Tsunami in Aotearoa-New Zealand: insights from recent research
New Zealand Journal of Geology and Geophysics, https://doi.org/10.1080/00288306.2021.1951307 [\[Link\]](#)
- SR-21-193 Lorenzo Monaco, Danilo M. Palladino, Mario Gaeta, Fabrizio Marra, Gianluca Sottili, Niklas Leicher, Giorgio Mannella, Sébastien Nomade, Alison Pereira, Eleonora Regattieri, Bernd Wagner, Giovanni Zanchetta, Paul G. Albert, Ilenia Arienzo, Massimo D'Antonio, Paola Petrosino, Christina J. Manning, Biagio Giaccio**
Mediterranean tephrostratigraphy and peri-Tyrrhenian explosive activity reevaluated in light of the 430-365 ka record from Fucino Basin (central Italy)
Earth-Science Reviews, Volume 220, September 2021, 103706 [\[Link\]](#)
- SR-21-194 Jenni L. Hopkins, David J. Lowe, Joanna L. Horrocks**
Tephrochronology in Aotearoa New Zealand
New Zealand Journal of Geology and Geophysics, Volume 64, 2021 - Issue 2-3 [\[Link\]](#)
- SR-21-195 Qian Ma, Lian Liu, Fu Sheng Li, Yan Chun Zhao**
Using Iterative Discrete Wavelet Transform to Improve Trace Element Analysis by XRF Spectrometer
https://doi.org/10.4028/www.scientific.net/AST.105.79 [\[Link\]](#)
- SR-21-196 Hanane Id Abdellah, Laurence Vidal, Abdelfattah Benkaddour, Ali Rhoujjati, Guillaume Jouve, Kazuyo Tachikawa, Corinne Sonzogni, Jean-Charles Mazur, Christine Paillès, Florence Sylvestre**
Palaeohydrological changes recorded from a small Moroccan Middle Atlas pond during the last 6000 cal. yr BP: a multi-proxy study
Journal of Paleolimnology volume 65, pages279–297 (2021) [\[Link\]](#)
- SR-21-197 Jamie D. Howarth, Alan R. Orpin, Yoshihiro Kaneko, Lorna J. Strachan, Scott D. Nodder, Joshu J. Mountjoy, Philip M. Barnes, Helen C. Bostock, Caroline Holden, Katie Jones, M. Namik Çağatay**
Calibrating the marine turbidite palaeoseismometer using the 2016 Kaikōura earthquake
Nature Geoscience volume 14, pages161–167 (2021) [\[Link\]](#)
- SR-21-198 Sally Davies, Dorrik Stow, Uisdean Nicholson**
Late glacial to holocene sedimentary facies of the Eirik Drift, southern Greenland margin: Spatial and temporal variability and paleoceanographic implications
Marine Geology, Volume 440, October 2021, 106568 [\[Link\]](#)
- SR-21-199 Kurt H. Wogau, Norbert R. Nowaczyk, Harald N. Böhnel, Helge W. Arz, Roberto Molina-Garza**
Environmental magnetism study during the Mid-Late Holocene transition and its cultural implications in Mesoamerica
Quaternary International, Volume 577, 10 March 2021, Pages 112-130 [\[Link\]](#)
- SR-21-200 Gianna Evans, Paul Augustinus, Patricia Gadd, Atun Zawadzki, Amber Ditchfield, Phil Shane**
A multi-proxy record of environmental change through the last 53,000 years recorded in the sediments of Lake Kanono, Northland, New Zealand
Journal of Sedimentary Research (2021) 91 (10): 1094–1111 [\[Link\]](#)
- SR-21-201 Greer Gilmer, Christopher M. Moy, Christina R. Riesselman, Marcus Vandergoes, Geraldine Jacobsen, Andrew R. Gorman, Emily J. Tidey, Gary S. Wilson**
Late Pleistocene and Holocene climate and environmental evolution of a subantarctic fjord ingression basin in the southwest Pacific
Quaternary Science Reviews, Volume 253, 1 February 2021, 106698 [\[Link\]](#)
- SR-21-202 Amalia Yunita Halim, Sarah Jane Kelloway, Christopher Marjo, Klaus Regenauer-Lieb**
A Hylogger-Itrax core-scanner comparison for multi-scale high-resolution petrophysical characterisation workflow
Applied Geochemistry, Volume 133, October 2021, 104956 [\[Link\]](#)
- SR-21-203 Olivier Jacques, Reinhard Pienitz**
Impacts of asbestos mining activities on the evolution of Lac à la Truite d'Irlande, Thetford Mines region (Quebec, Canada)
Canadian Water Resources Journal, https://doi.org/10.1080/07011784.2021.2004930 [\[Link\]](#)
- SR-21-204 Agathe Lisé-Pronovost, Michael-Shawn Fletcher, Quentin Simon, Zenobia Jacobs, Patricia S. Gadd, David Heslop, Andy I.R. Herries, Yusuke Yokoyama, Aster team**
Chronostratigraphy of a 270-ka sediment record from Lake Selina, Tasmania: Combining radiometric, geomagnetic and climatic dating
Quaternary Geochronology, Volume 62, March 2021, 101152 [\[Link\]](#)

- SR-21-205 Gianna Evans, Paul Augustinus, Patricia Gadd, Atun Zawadzki, Amber Ditchfield, Jenni Hopkins**
A multi-proxy paleoenvironmental interpretation spanning the last glacial cycle (ca. 117 ± 8.5 ka BP) from a lake sediment stratigraphy from Lake Kai Iwi, Northland, New Zealand
Journal of Paleolimnology volume 65, pages101–122 (2021) [\[Link\]](#)
- SR-21-206 Catherine C. Beck, Craig S. Feibel, Richard A. Mortlock, Rhonda L. Quinn, James D. Wright**
Little Ice Age to modern lake-level fluctuations from Ferguson's Gulf, Lake Turkana, Kenya, based on sedimentology and ostracod assemblages
Quaternary Research, Volume 101, May 2021, pp. 129 - 142 [\[Link\]](#)
- SR-21-207 Tegan Hall, Dan Penny, Brice Vincent, Martin Polkinghorne**
An integrated palaeoenvironmental record of Early Modern occupancy and land use within Angkor Thom, Angkor
Quaternary Science Reviews, Volume 251, 1 January 2021, 106710 [\[Link\]](#)
- SR-21-208 Cale A.C. Gushulak, Eduard G. Reinhardt, Brian F. Cumming**
Climate driven declines in terrestrial input over the middle and late Holocene of perched boreal lakes in northeast Ontario (Canada) and teleconnections to the North Atlantic
Quaternary Science Reviews, Volume 265, 1 August 2021, 107056 [\[Link\]](#)
- SR-21-209 Stefanie Kaboth-Bahr, André Bahr, Kweku A. Yamoah, Chih-Kai Chuang, Hong-Chun Li, Chih-Chieh Su, Kuo-Yen Wei**
Rapid humidity changes across the Northern South China Sea during the last ~40 kyrs
Marine Geology, Volume 440, October 2021, 106579 [\[Link\]](#)
- SR-21-210 Markus Czymzik, Olaf Dellwig, Raimund Muscheler, Patricia Roeser, Achim Brauer, Jérôme Kaiser, Marcus Christl, Helge W.Arz**
Delayed Western Gotland Basin (Baltic Sea) ventilation in response to the onset of a Mid-Holocene climate oscillation
Quaternary Science Reviews, Volume 273, 1 December 2021, 107253 [\[Link\]](#)
- SR-21-211 Jeffrey S. Munroe, Ryan McElroy, Sam O'Keefe, Andrew Peters, Luna Wasson**
Holocene records of eolian dust deposition from high-elevation lakes in the Uinta Mountains, Utah, USA
J of Quaternary Science, Volume36, Issue1, January 2021, Pages 66-75 [\[Link\]](#)
- SR-21-212 Thomas Kasper, Junbo Wang, Antje Schwalb, Gerhard Daut, Birgit Plessen, Liping Zhu, Roland Mäusbacher, Torsten Haberzettl**
Precipitation dynamics on the Tibetan Plateau during the Late Quaternary – Hydroclimatic sedimentary proxies versus lake level variability
Global and Planetary Change, Volume 205, October 2021, 103594 [\[Link\]](#)
- SR-21-213 Leila Homami Totmaj, Kamaledin Alizadeh, Panthea Giahchi, Javad Darvishi Khatooni, Hermann Behling**
Late Holocene Hyrcanian forest and environmental dynamics in the mid-elevated highland of the Alborz Mountains, northern Iran
Review of Palaeobotany and Palynology, Volume 295, December 2021, 104507 [\[Link\]](#)
- SR-21-214 Dhongil Lim, Jihun Kim, Jonguk Kim, Dongsung Kim, Dohyun Jeong, Haryun Kim, Zhaokai Xu**
Enhancement of volcanic eruption in mid-ocean ridge during the last deglaciation: New sedimentary evidence in the middle part of Central Indian Ridge
Marine Geology, Volume 440, October 2021, 106574 [\[Link\]](#)
- SR-21-215 L.R. Martínez-Abarca, S. Lozano-García, B. Ortega-Guerrero, C.M. Chávez-Lara, E. Torres-Rodríguez, M. Caballero, E.T. Brown, S. Sosa-Nájera, C. Acosta-Noriega, V. Sandoval-Ibarra**
Environmental changes during MIS6-3 in the Basin of Mexico: A record of fire, lake productivity history and vegetation
Journal of South American Earth Sciences, Volume 109, August 2021, 103231 [\[Link\]](#)
- SR-21-216 Fang Gu, Elias Ramezani, Kamaledin Alizadeh, Hermann Behling**
Vegetation Dynamics, Environmental Changes, and Anthropogenic Impacts on the Coastal Hyrcanian Forests in Northern Iran
Journal of Coastal Research (2021) 37 (3): 611–619 [\[Link\]](#)
- SR-21-217 P.N. Ranasinghe, J.P. Donnelly, R.L. Evans, J.R. Rodysill, N.U. Nanayakkara, P.J. van Hengstum, A.D. Hawkes, R.M. Sullivan, M.R. Toomey**
Complex sedimentary processes in large coastal embayments and their potential for coastal morphological and paleo tropical cyclone studies: A case study from Choctawhatchee Bay Western Florida, U.S.A
Marine Geology, Volume 437, July 2021, 106478 [\[Link\]](#)
- SR-21-218 Julia Unkelbach, Choimaa Dulamsuren, Michael Klinge, Hermann Behling**
Holocene high-resolution forest-steppe and environmental dynamics in the Tarvagatai Mountains, north-central Mongolia, over the last 9570 cal yr BP
Quaternary Science Reviews, Volume 266, 15 August 2021, 107076 [\[Link\]](#)
- SR-21-219 Alicja Bonk, Daniela Müller, Arne Ramisch, Mateusz A. Kramkowski, Agnieszka M. Noryśkiewicz, Ilona Sekudewicz, Michał Gašiorowski, Katarzyna Luberda-Durnaś, Michał Słowiński, Markus Schwab, Rik Tjallingii, Achim Brauer, Mirosław Błaszczewicz**
Varve microfacies and chronology from a new sediment record of Lake Gościąż (Poland)
Quaternary Science Reviews, Volume 251, 1 January 2021, 106715 [\[Link\]](#)

SR-21-220 John Dodson, Ge Shi, Fengyan Lu, Hong Yan

A 40,000 year record of vegetation, environment and climate change from Chongqing, Central China

Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 573, 1 July 2021, 110441

[\[Link\]](#)

SR-21-221 Gabriel West, Helena Alexanderson, Martin Jakobsson, Matt O'Regan

Optically stimulated luminescence dating supports pre-Eemian age for glacial ice on the Lomonosov Ridge off the East Siberian continental shelf

Quaternary Science Reviews, Volume 267, 1 September 2021, 107082

[\[Link\]](#)

SR-21-221 W. Dummann, P. Hofmann, J.O. Herrle, V. Wennrich, T. Wagner

A refined model of Early Cretaceous South Atlantic–Southern Ocean gateway evolution based on high-resolution data from DSDP Site 511 (Falkland Plateau)

Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 562, 15 January 2021, 110113

[\[Link\]](#)

SR-21-222 Loic Piret, Sebastien Bertrand, Jon Hawkings, Malin E. Kylander, Fernando Torrejón, Benjamin Amann, Jemma Wadham

High-resolution fjord sediment record of a receding glacier with growing intermediate proglacial lake (Steffen Fjord, Chilean Patagonia)

Earth Surf. Process. Landforms 46, 239–251 (2021)

[\[Link\]](#)

SR-21-223 Noble, J. M.; Cage, A. G.; Beavers, O., Sparkes, B.; Furze, M.; Scourse, J

The Palaeoceanographic history of the Celtic Sea since the last glaciation and its potential for carbon storage

vEGU21, the 23rd EGU General Assembly, held online 19-30 April, 2021, id.EGU21-9689

[\[Link\]](#)

SR-21-224 Md Nurunnabi Mondal, Keiji Horikawa, Osamu Seki, Katsuya Nejigaki, Hideki Minami, Masafumi Murayama, Yusuke Oka

Investigation of Adequate Calibration Methods for X-ray Fluorescence Core Scanning Element Count Data: A Case Study of a Marine Sediment Piston Core from the Gulf of Alaska

J. Mar. Sci. Eng. 2021, 9, 540

[\[Link\]](#)

Not sure

SR-21-??? Thais de Marchi Soares, Hudson Wallace Pereira de Carvalho, Eduardo de Almeida, Geovani Tadeu Costa Jr., Paulo Sergio Pavinato

Phosphorus Quantification in Sugar Cane (*Saccharum officinarum*) Leaves In Vivo by Portable X-ray Fluorescence Spectroscopy

ACS Agric. Sci. Technol. 2021, 1, 5, 479–487

[\[Link\]](#)

SR-21-??? Klemens Katterbauer, Alberto Marsala, Abdulaziz Al Qasim

A Deep Learning Wag Injection Method for Co2 Recovery Optimization

SPE-204711-MS

[\[Link\]](#)

SR-21-b??? N Wales, MW Pedersen

Applied Uses of Ancient DNA, 2021

Frontiers in Ecology and Evolution, July 2020, vol 8, Article 218,

[\[Link\]](#)

SR-21-??? Améliede Villèle

Evaluate agnosias and dysgnosias in orthoptic practice, why and how?

Revue Francophone d'Orthoptie, Volume 14, Issue 1, January–March 2021, Pages 17-24

[\[Link\]](#)

- SR-22-001 ArifHussain, KhalidAl-Ramadan**
A core-based XRF scanning workflow for continuous measurement of mineralogical variations in clastic reservoirs
MethodsX 9 (2022) 10192 [\[Link\]](#)
- SR-22-002 Jeremy J. Gabriela, Eduard G. Reinhardt, Xueke Chang, Janok P. Bhattachary**
Application of μ XRF analysis on the Upper Cretaceous Mancos Shale: A comparison with ICP-OES/MS
Marine and Petroleum Geology, Volume 140, June 2022, 105662 [\[Link\]](#)
- SR-22-003 Danielle McLean, Paul G. Albert, Gordon Scholout, Henry F. Lamb, Michael H. Marshall, Achim Brauer, Jon Wade, Takeshi Nakagawa, Victoria C. Smith**
How reliable is μ XRF core scanning at detecting tephra layers in sedimentary records? A case study using the Lake Suigetsu archive (central Japan)
JQS, Volume37, Issue7, October 2022, Pages 1189-1206 [\[Link\]](#)
- SR-22-004 Dharmarathna, Asika; Tyler, Jonathan; Barr, Cameron; Tibby, John; Jones, Matthew; Ankor, Martin; Cadd, Haidee; Gadd, Patricia; Hua, Quan; Child, David; Zawadzki, Atun; Hotchkis, Michael; Zolitschka, Bernd**
Holocene climate variability in south east Australia; inferred from oxygen isotopes in sedimentary cellulose at Lake Surprise, Victoria.
EGU22-10775 [\[Link\]](#)
- SR-22-005 Jasmin C. Martino, Debashish Mazumder, Patricia Gadd, Zoe A. Doubleday**
Tracking the provenance of octopus using isotopic and multi-elemental analysis
Food Chemistry, Volume 371, 1 March 2022, 131133 [\[Link\]](#)
- SR-22-006 Rina Fukuchi, Mari Hamahashi, Masafumi Murayama, Kazuya Shiraishi, Yuichi Okuma, Juichiro Ashi, Asuka Yamaguchi**
Sedimentary structure of submarine mass movements surface deposits in the Nankai Trough off Kumano
https://doi.org/10.14863/geosocabst.2022.0_374 [\[Link\]](#)
- SR-22-007 Lei Zhu, Wenzhe Gu, Tianqi Song, Fengqi Qiu, Qingya Wang**
Coal seam in-situ inorganic analysis based on least angle regression and competitive adaptive reweighted sampling algorithm by XRF-visNIR fusion
Nature, Scientific Reports volume 12, Article number: 22365 (2022) [\[Link\]](#)
- SR-22-008 Jiachao Ge, Xiaozhou Zhang, Furqan Le-Hussain**
Fines Migration and Mineral Reactions as a Mechanism for CO₂ Residual Trapping during CO₂ Sequestration
Energy, Volume 239, Part C, 15 January 2022 [\[Link\]](#)
- SR-22-009 Yanguang Liu, Yi Zhong, Sergey A. Gorbarenko, Aleksandr A. Bosin, Xun Gong, Zhonghui Liu, Xuefa Shi, Ting Chen, Aleksandr N. Derkachev, Antonina V. Artemova, Qingsong Liu**
High- and low-latitude forcing on the subarctic Pacific environment and productivity over the past 230 kyr
Marine Geology, Volume 451, September 2022, 106875 [\[Link\]](#)
- SR-22-010 Xiaohuan Hou, Lina Liu, Zhe Sun, Mingda Wang, Xianyong Cao, Juzhi Hou**
Enhanced aridity in the source region of the Yangtze River since 5.8 ka revealed by the sediments of Saiyong Co
Quaternary International, Volume 613, 10 March 2022, Pages 81-90 [\[Link\]](#)
- SR-22-011 Charlie L. Rex, Richard A. Staff, David C.W. Sanderson, Alan J. Cresswell, Michael H. Marshall, Masayuki Hyodo, Daishi Horiuchi, Ryuji Tada, Takeshi Nakagawa**
Controls on luminescence signals in lake sediment cores: A study from Lake Suigetsu, Japan
Quaternary Geochronology, Volume 71, August 2022, 101319 [\[Link\]](#)
- SR-22-012 Julia Short, John Tibby, Marcus J. Vandergoes, Susanna A. Wood, Neville Lomax, Jonathan Puddick, John K. Pearman, Jamie D. Howarth, Christopher M. Moy, Charlotte Šunde, Reece Martin, Xun Li, Adelaine Moody, Jenny Dahl, Claire Shepherd, Kiely McFarlane**
Using palaeolimnology to guide rehabilitation of a culturally significant lake in New Zealand
Aquatic Conservation, Volume32, Issue6, June 2022, Pages 931-950 [\[Link\]](#)
- SR-22-013 Maximillian Van Wyk de Vries, Emi Ito, Mark Shapley, Matias Romero, Guido Brignone**
Paleoclimatic value of sediment pixel intensity time series from Lago Argentino, Patagonia
Climate of the Past, https://doi.org/10.5194/cp-2022-29 [\[Link\]](#)
- WR-22-014 Vladimir Gavrikov, Alexey Fertikov, Ruslan Sharafutdinov, Eugeniy Vaganov**
Elemental Relationships in the Wood of Four Siberian Conifers: Whether Elements Are an Occasional Mixture
Int. J. Plant Biol. 2022, 13(2), 142-150 [\[Link\]](#)
- SR-22-015 Neeraj Mall, Peter Gell, Giri R. Kattel, Patricia Gadd, Atun Zawadzki**
Multiproxy approach to track changes in the ecological condition of wetlands in the Gunbower Forest, a Ramsar site
Marine and Freshwater Research, 2022, 73, 1196-1211 [\[Link\]](#)
- SR-22-016 Dioni I. Cendón, Brett Rowling, Catherine E. Hughes, Timothy E. Payne, Stuart I. Hankin, Jennifer J. Harrison, Mark A. Peterson, Attila Stopic, Henri Wong, Patricia Gadd**
Rare earth elements and yttrium as tracers of waste/rockgroundwater interactions
Science of The Total Environment, Volume 830, 15 July 2022, 154706 [\[Link\]](#)

- SR-22-017 Chao Ma, Linda A. Hinnov, James S. Eldrett, Stephen R. Meyers, Steven C. Bergman, Daniel Minisini, Brendan Lutz**
Centennial to millennial variability of greenhouse climate across the mid-Cenomanian event
Geology (2022) 50 (2): 227–231 [\[Link\]](#)
- SR-22-018 Qasim Azizi, Hojjat Darabi, Mehran Maqsoodi, Sahar Maleki, Javad Darvishi Khatouni**
Middle and Late Holocene Climatic Dry Events in Central Zagros
Iran Quaternary (Scientific-Research) Quarterly, Volume 0, Number 0 and 1, Spring and Summer [\[Link\]](#)
- SR-22-019 Manon Bajard, Eirik Ballo, Helge I. Høeg, Jostein Bakke, Eivind Støren, Kjetil Loftsgarden, Frode Iversen, William Hagopian, Anne H. Jahren, Henrik H. Svensen, Kirstin Krüger**
Climate adaptation of pre-Viking societies
Quaternary Science Reviews, Volume 278, 15 February 2022, 107374 [\[Link\]](#)
- SR-22-020 C. Muñoz Sobrino, V. Cartelle, N. Martínez-Carreño, P. Ramil-Rego, S. García Gil**
The timing of the postglacial marine transgression in the Ría de Ferrol (NW Iberia): A new multiproxy approach from its sedimentary infill
CATENA, Volume 209, Part 2, February 2022, 105847 [\[Link\]](#)
- SR-22-021 Leonie Peti, Paul C. Augustinus**
Micro-XRF-inferred depositional history of the Orakei maar lake sediment sequence, Auckland, New Zealand
Journal of Paleolimnology volume 67, pages327–344 (2022) [\[Link\]](#)
- SR-22-022 Aritina Haliuc, Alicja Bonk, Jack Longman, Simon M. Hutchinson, Michal Zak, Daniel Veres**
Challenges in Interpreting Geochemical Data: An Appraisal of Analytical Techniques Applied to a Karstic Lake Sediment Record
Water 2022, 14(5), 806 [\[Link\]](#) [\[Link\]](#)
- SR-22-023 Obinna P. Nzekwe, Francois Lapointe, Pierre Francus, Guillaume St-Onge, Patrick Lajeunesse, David Fortin, Jean-Philippe Jenny, Arnaud De Coninck, Edouard, G. H. Philippe, Thibault Labarre**
A new ~ 900-year varved record in Lake Walker, Quebec North Shore, eastern Canada: insight on late Holocene climate mode of variability
Journal of Paleolimnology volume 67, pages35–57 (2022) [\[Link\]](#)
- SR-22-024 T. Glazkova, F.J. Hernández-Molina, E. Dorokhova, A. Mena, C. Roque, F.J. Rodríguez-Tovar, V. Krechik, L. Kuleshova, E. Llave**
Sedimentary processes in the Discovery Gap (Central–NE Atlantic): An example of a deep marine gateway
Deep Sea Research Part I: Oceanographic Research Papers, Volume 180, February 2022, 103681 [\[Link\]](#)
- SR-22-025 Agathe Lisé-Pronovost, Michael-Shawn Fletcher, Quentin Simon, Zenobia Jacobs, Patricia S. Gadd, Andy I.R. Herries, Yusuke Yokoyama, Aster team**
Chronostratigraphy of sediment cores from Lake Selina, southeastern Australia: Radiocarbon, optically stimulated luminescence, paleomagnetism, authigenic beryllium isotopes and elemental data
Data in Brief, Volume 42, June 2022, 108144 [\[Link\]](#)
- SR-22-026 Yin Lu, Ed L. Pope, Jasper Moernaut, Revital Bookman, Nicolas Waldmann, Amotz Agnon, Shmuel Marco, Michael Strasser**
Stratigraphic record reveals contrasting roles of overflows and underflows over glacial cycles in a hypersaline lake (Dead Sea)
Earth and Planetary Science Letters, Volume 594, 15 September 2022, 117723 [\[Link\]](#)
- SR-22-027 Zoë A. Thomas, Scott Mooney, Haidee Cadd, Andy Baker, Chris Turney, Larissa Schneider, Alan Hogg, Simon Haberle, Ken Green, Laura S. Weyrich, Vilma Pérez, Nicole E. Moore, Atun Zawadzki, Sarah J. Kelloway, Stuart J. Khan**
Late Holocene climate anomaly concurrent with fire activity and ecosystem shifts in the eastern Australian Highlands
Science of The Total Environment, Volume 802, 1 January 2022, 149542 [\[Link\]](#)
- SR-22-028 Dong Xu, Liang Yi, Haifan Yuan, Weiwei Chen**
Geochronological Evidence Inferring Carbonate Compensation Depth Shoaling in the Philippine Sea after the Mid-Brunhes Event
J. Mar. Sci. Eng. 2022, 10(6), 745 [\[Link\]](#)
- SR-22-029 Yuanyu Cheng, Alexandre Baud, Irene Gregory-Eaves, Brigitte Simmatis, John P. Smol, Katherine Griffiths**
Climate change and nutrient enrichment altering sedimentary diatom assemblages since pre-industrial time: evidence from Canada's most populated ecozone
Journal of Paleolimnology volume 69, pages57–75 (2023) [\[Link\]](#)
- SR-22-030 Samuel Z. Mark, Mark B. Abbott, Donald T. Rodbell, Christopher M. Moy**
XRF analysis of Laguna Pallcacocha sediments yields new insights into Holocene El Niño development
Earth and Planetary Science Letters 593(2022)117657 [\[Link\]](#)
- SR-22-031 Yumei Peng, Patrick Rioual, Zhangdong Jin**
A record of Holocene climate changes in central Asia derived from diatom-inferred water-level variations in Lake Kalakuli (Eastern Pamirs, western China)
Front. Earth Sci., 18 July 2022, Sec. Quaternary Science, Geomorphology and Paleoenvironment, olume 10 - 2022 | [\[Link\]](#)

- SR-22-032 Edward Duarte, Jonathan Obrist-Farner, Alex Correa-Metrio, Byron A. Steinman**
A progressively wetter early through middle Holocene climate in the eastern lowlands of Guatemala
Earth and Planetary Science Letters, Volume 561, 1 May 2021, 116807 [\[Link\]](#)
- SR-22-033 Samuel M. Hudson, Ben Pears, David Jacques, Thierry Fonville, Paul Hughes, Inger Alsos, Lisa Snape, Andreas Lang, Antony Brown**
Life before Stonehenge: The hunter-gatherer occupation and environment of Blick Mead revealed by sedaDNA, pollen and spores
PLoS ONE 17(4): e0266789. [\[Link\]](#)
- SR-22-034 Maximillian Van Wyk de Vries, Emi Ito, Mark Shapley, Guido Brignone, Matias Romero, Andrew D. Wickert, Louis H. Miller, Kelly R. MacGregor**
Physical Limnology and Sediment Dynamics of Lago Argentino, the World's Largest Ice-Contact Lake
JGR Earth Surface, Volume 127, Issue 3, March 2022, e2022JF006598 [\[Link\]](#)
- SR-22-035 D. T. Rodbell, R. G. Hatfield, M. B. Abbott, C. Y. Chen, A. Woods, J. S. Stoner, D. McGee, P. M. Tapia, M. Bush, B. L. Valero-Garcés, S. B. Lehmann, S. Z. Mark, N. C. Weidhaas, A. L. Hillman, D. J. Larsen, G. Delgado, S. A. Katz, K. E. Solada, A. E. Morey, M. Finkenbinder, B. Valencia, A. Rozas-Davila, N. Watrus, S. M. Colman, M. G. Bustamante, J. Kück & S. Pierdominici**
700,000 years of tropical Andean glaciation
Nature volume 607, pages 301–306 (2022) [\[Link\]](#)
- SR-22-036 Abigail Williams, Emi Ito, Steffen Mischke, Daniel Palchan, Amir Sandler, Mordechai Stein, Ahuva Almogi-Labin**
Late Holocene hydroclimatic history of the Galilee Mountains from sedimentary records of the Sea of Galilee, Israel
Quaternary Research (2022), 110, 38–53 [\[Link\]](#)
- SR-22-037 Martin James Ankor, Jonathan James Tyler**
A computational method for rapid orthographic photography of lake sediment cores
Journal of Paleolimnology volume 68, pages 203–214 (2022) [\[Link\]](#)
- SR-22-038 MARLENE M. LENZ, ANDREI ANDREEV, LARISA NAZAROVA, LIUDMILA S. SYRYKH, STEPHANIE SCHEIDT, HAFLIDI HAFLIDASON, HANNO MEYER, DOMINIK BRILL, BERND WAGNER, RAPHAEL GROMIG, MATTHIAS LENZ, CHRISTIAN ROLF, GERHARD KUHN, GRIGORIY FEDOROV, JOHN INGE SVENDSEN, MARTIN MELLES**
Climate, glacial and vegetation history of the polar Ural Mountains since c. 27 cal ka BP, inferred from a 54 m long sediment core from Lake Bolshoye Shchuchye
JOURNAL OF QUATERNARY SCIENCE (2022) 37(5) 818–835 [\[Link\]](#)
- SR-22-039 Grzegorz Scholtysik, Tobias Goldhammer, Helge W. Arz, Matthias Moros, Ralf Littke, Michael Hupfer**
Geochemical focusing and burial of sedimentary iron, manganese, and phosphorus during lake eutrophication
Limnol. Oceanogr. 67, 2022, 768–783 [\[Link\]](#)
- SR-22-040 Nicolaj K. Larsen, Marie-Louise Siggaard-Andersen, Anders A. Bjørk, Kristian K. Kjeldsen, Anthony Ruter, Niels J. Korsgaard, Kurt H. Kjær**
Holocene ice margin variations of the Greenland Ice Sheet and local glaciers around Sermilik Fjord, southeast Greenland
Quaternary International, Volume 607, 10 January 2022, Pages 10-21 [\[Link\]](#)
- SR-22-041 Roseanna J. Mayfield, John A. Dearing, C. Patrick Doncaster, Peter G. Langdon**
Stability of chironomid community structure during historic climatic and environmental change in subarctic Alaska
Limnol. Oceanogr. 67, 2022, S444–S460 [\[Link\]](#)
- SR-22-042 Christopher J. Lepre, Clara Chang, Owen Yazzie**
Response of terrigenous weathering to the African 2 monsoon during the penultimate deglaciation and the last 3 interglacial period
Climate of the Past, https://doi.org/10.5194/cp-2022-40 [\[Link\]](#)
- SR-22-043 Song Zhao, Yanguang Liu, Linsen Dong, Xuefa Shi, Leonid Polyak, Xinqing Zou, Weiguo Wang, Dong Wu**
Sedimentary Record of Glacial Impacts and Melt Water Discharge off the East Siberian Continental Margin, Arctic Ocean
Journal of Geophysical Research: Oceans · January 2022, DOI: 10.1029/2021JC017650 [\[Link\]](#)
- SR-22-044 Wesley R. Farnsworth, Ólafur Ingólfsson, Erik S. Mannerfelt, Maarit H. Kalliokoski, Esther R. Guðmundsdóttir, Michael Retelle, Lis Allaart, Skafti Brynjólfsson, Mark F.A. Furze, Holt J. Hancock, Kurt H. Kjær, Anna J. Pieńkowski, Anders Schomacker**
Vedde Ash constrains Younger Dryas glacier re-advance and rapid glacio-isostatic rebound on Svalbard
Quaternary Science Advances, Volume 5, January 2022, 100041 [\[Link\]](#)
- SR-22-045 Sushma Prasad, Praveen K. Mishra, P. Priya, A.R. Yousuf, Nils Andersen, A. Anoop, Arshid Jehangir, Tabasum Yaseen, Birgit Gaye, Martina Stebich**
Impact of precipitation and temperature changes on limnology and sediment characteristics in NW Himalaya
Applied Geochemistry · January 2022 [\[Link\]](#)

- SR-22-046 Hanno Meyer, Svetlana S. Kostrova, Philip Meister, Marlene M. Lenz, Gerhard Kuhn, Larisa Nazarova, Liudmila S. Syrykh, Yury Dvornikov**
Lacustrine diatom oxygen isotopes as palaeo precipitation proxy - Holocene environmental and snowmelt variations recorded at Lake Bolshoye Shchuchye, Polar Urals, Russia
Quaternary Science Reviews, Volume 290, 15 August 2022, 107620 [\[Link\]](#)
- SR-22-047 Sebastian Schaller, Michael E. Böttcher, Marius W. Buechi, Laura S. Epp, Stefano C. Fabbri, Natacha Gribenski, Ulrich Harms, Sebastian Krastel, Alina Liebezeit, Katja Lindhorst, Hanna Marxen, Ulli Raschke, David Schleheck, Iris Schmiedinger, Antje Schwalb, Hendrik Vogel, Martin Wessels, Flavio S. Anselmetti**
Postglacial evolution of Lake Constance: sedimentological and geochemical evidence from a deep-basin sediment core
Swiss Journal of Geosciences volume 115, Article number: 7 (2022) [\[Link\]](#)
- SR-22-048 FREDRIK HØGAAS, SIMON A. LARSSON, MARTIN KLUG, LARS OLSEN, STEFAN WASTEGARD**
Palaeolake sediment records reveal a mid- to late Younger Dryas ice-sheet maximum in Mid-Norway
Boreas, Vol. 51, pp. 41–60 [\[Link\]](#)
- SR-22-049 ANGEL ENRIQUE L'ÓPEZ -PEREZ , BELEN RUBIO, DANIEL REY, MAIDER PLAZA-MORLOTE**
Late Quaternary sedimentary evolution of the distal Galician continental margin (north-west Iberian Peninsula) based on palaeoclimatic, palaeoproductivity and diagenetic evidence
Sedimentology (2022) 69, 537–567 [\[Link\]](#)
- SR-22-050 Jasmine S. Berg, Mathilde Lepine, Emile Laymand, Xingguo Han, Hendrik Vogel, Marina A. Morlock, Niroshan Gajendra, Adrian Gilli, Stefano M. Bernasconi, Carsten J. Schubert, Guangyi Su, Mark A. Lever**
Response of terrigenous weathering to the African 2 monsoon during the penultimate deglaciation and the last 3 interglacial period
Climate of the Past, https://doi.org/10.5194/cp-2022-40 [\[Link\]](#)
- SR-22-051 Д. О. Садоков, Т. В. Сапелко, Н. Ю. Бобров, М. Меллес, Г. Б. Федоров**
Позднеледниковая и раннеголоценовая история озерного осадконакопления на севере Молого-Шекснинской низменности на примере озера Белого (Северо-Запад России)
Вестник СПбГУ. Науки о Земле. 2022. Т. 67. Вып. 2 [\[Link\]](#)
- SR-22-052 MATTHIAS LENZ, MARLENE M. LENZ, ANDREI ANDREEV, STEPHANIE SCHEIDT, RAPHAEL GROMIG, ELODIE LEBAS, GRIGORY FEDOROV, SEBASTIAN KRASTEL, MARTIN MELLES, BERND WAGNER**
Climate and environmental history at Lake Levinson-Lessing, Taymyr Peninsula, during the last 62 kyr
JOURNAL OF QUATERNARY SCIENCE (2022) 37(5) 836–850 [\[Link\]](#)
- SR-22-053 Sarah E. Metcalfe, Jonathan A. Holmes, Matthew D. Jones, Roger Medina Gonzalez, Nicholas J. Primmer, Haydar Martinez Dyrzo, Sarah J. Davies, Melanie J. Leng**
Response of a low elevation carbonate lake in the Yucatan Peninsula (Mexico) to climatic and human forcings
Quaternary Science Reviews, Volume 282, 15 April 2022, 107445 [\[Link\]](#)
- SR-22-054 Loic Piret, Sebastien Bertrand, Nhut Nguyen, Jon Hawkings, Cristian Rodrigo, Jemma Wadham**
Long-lasting impacts of a 20th century glacial lake outburst flood on a Patagonian fjord-river system (Pascua River)
Geomorphology, Volume 399, 15 February 2022, 10808 [\[Link\]](#)[\[Link\]](#)
- SR-22-055 DANIEL HESJEDAL WIBERG , HAFLIDI HAFLIDASON, JAN SVERRE LABERG**
An updated Weichselian chronostratigraphic framework of the KongsfjordenTroughMouthFan anditsimplications for the glacial history of Svalbard
Boreas, Vol. 51, pp. 667–683. [\[Link\]](#)
- SR-22-056 Camilla S Andresen, Longbin Sha, Marit-Solveig Seidenkrantz, Laurence M Dyke, Hui Jiang**
Early Holocene palaeoceanographic and glaciological changes in southeast Greenland
The Holocene, 2022, Vol. 32(6) 501–514 [\[Link\]](#)
- SR-22-057 Jean-Philippe Goiran, Winnie May Chan, Christophe Benech, Quentin Vitale, Nicholas Riddick, Hugo Delile, Ferréol Salomon, Stoil Chapkanski, Christine Oberlin, Gilles Brocard, Agathe Lisé-Pronovost, Cécile Vittor**
Developments in Geoarchaeological Research, Methodologies and Applications in Harbour Maritime Archaeology
Harbours and Anchorages of a Mediterranean Empire, Band 21, Propylaeum, pp.109-129 [\[Link\]](#)
- SR-22-058 Jack Longman, Daniel Veres, Aritina Haliuc, Vasile Ersek**
Hydroclimate Variability and Pollution History of the Mohoş Peatbog
Ciomadul (Csomád), The Youngest Volcano in the Carpathians pp 187–195 [\[Link\]](#)
- SR-22-059 Lilian Reiss, Christian Stüwe, Thomas Einwögerer, Marc Händel, Andreas Maier, Stefan Meng, Kerstin Pasda, Ulrich Simon, Bernd Zolitschka, and Christoph Mayr**
Evaluation of geochemical proxies and radiocarbon data from a loess record of the Upper Palaeolithic site Kammern-Grubgraben, Lower Austria
E&G Quaternary Sci. J., 71, 23–43 [\[Link\]](#)
- SR-22-060 Hong-Chun Li, Yiwei Chang, William M. Berelson, Meixun Zhao, Satabdi Misra, Tzu-Tsen Shen**
Interannual Variations of D14CTOC and Elemental Contents in the Laminated Sediments of the Santa Barbara Basin During the Past 200 Years
Front. Mar. Sci., 28 July 2022, Sec. Marine Biogeochemistry, Volume 9 - 2022 | [\[Link\]](#)

- SR-22-061 Xavier Benito, Melina Luethje, Tobias Schneider, Sherilyn C. Fritz, Paul A. Baker, Eric J. Pedersen, Pierre Gaüzère, Majoi de Novaes Nascimento, Mark Bush, Albert Ruhi**
Ecological resilience in tropical Andean lakes: A paleolimnological perspective
Limnol. Oceanogr. 9999, **2021**, 1–15 [\[Link\]](#)
- SR-22-062 Stephanie Scheidt, Matthias Lenz, Ramon Egli, Dominik Brill, Martin Klug, Karl Fabian, Marlene M. Lenz, Raphael Gromig, Janet Rethemeyer, Bernd Wagner, Grigory Federov, Martin Melles**
A 62 kyr geomagnetic palaeointensity record from the Taymyr Peninsula, Russian Arctic
Geochronology, 4, 87–107 [\[Link\]](#)
- SR-22-063 Ryan D. Wilson, Juergen Schieber, Kevin M. Bohacs**
Sequence stratigraphic reconstruction of the late Middle Devonian Genesee Formation of NY, USA: Developing a genetic model for “Upper Devonian” unconventional targets in the Northern Appalachian Basin
Marine and Petroleum Geology, Volume 138, April 2022, 105547 [\[Link\]](#)
- SR-22-064 ALEXANDER FRANCKE, JACK H. LACEY, MARTA MARCHEGIANO, BERND WAGNER, DANIEL ARIZTEGUI, GIOVANNI ZANCHETTA, STEPHANIE KUSCH, KRISTIAN UFER, ILARIA BANESCHI, KATHARINA KNÖDGEN**
Last Glacial central Mediterranean hydrology inferred from Lake Trasimeno’s (Italy) calcium carbonate geochemistry
Boreas, Vol. 51, pp. 219–237 [\[Link\]](#)
- SR-22-065 Teodora Pados-Dibattista, Christof Pearce, Henrieka Detlef, Jørgen Bendtsen, Marit-Solveig Seidenkrantz**
Holocene palaeoceanography of the Northeast Greenland shelf
Clim. Past, 18, 103–127 [\[Link\]](#)
- SR-22-066 Il Taek Lee, Tae Wook Ko, Kyung Eun Lee, Si Woong Bae, Gyu Chan Hwang, Ryoung Ah Kim**
Calibration of the XRF-Estimated CaCO₃ Content in the Western Tropical Pacific Deep-Sea Sediments
Ocean Science Journal volume 57, pages357–364 (2022) [\[Link\]](#)
- SR-22-067 Zhengfu Zhao, Nicolas R. Thibault, Tais W. Dahl, Niels H. Schovsbo, Aske L. Sørensen, Christian M. Ø. Rasmussen, Arne T. Nielsen**
Synchronizing rock clocks in the late Cambrian
NATURE COMMUNICATIONS | (2022) 13:1990 | https://doi.org/10.1038/s41467-022-29651-4 [\[Link\]](#)
- SR-22-068 PI C. Goldfinger, Rachel Hausmann, Bran Black, Steve Galer**
Marine and Lacustrine Turbidite Records: Testing Linkages and Estimating Ground Motions at Bull Run Watershed, Central Cascadia Margin, USA
Technical Report · March 2020, DOI: 10.13140/RG.2.2.16411.95522 [\[Link\]](#)
- SR-22-069 Erick R. Velasco-Reyes, Kazuhisa Goto, Daisuke Sugawara, Yuichi Nishimura, Takahiro Shinohara, Takashi Chiba**
Paleotsunami history of Hachinohe, northern Japan: a multiproxy analysis and numerical modeling approach
Progress in Earth and Planetary Science volume 9, Article number: 19 (2022) [\[Link\]](#)
- SR-22-070 Jiawei Fan, Hongyan Xu, Wei Shi, Qiaoqiao Guo, Siqi Zhang, Xiaotong Wei, Minggang Cai, Shuitang Huang, Jiangyong Wang, Jule Xiao**
A ~28-kyr Continuous Lacustrine Paleoseismic Record of the Intraplate, Slow-Slipping Fuyun Fault in Northwest China
Front. Earth Sci., 27 January 2022, Sec. Geohazards and Georisks, Volume 10 - 2022 [\[Link\]](#)
- SR-22-071 Tumaini M. Kamulali, Michael M. McGlue, Jeffery R. Stone, Ismael A. Kimirei, Paul J. Goodman, Andrew S. Cohen**
Paleoecological analysis of Holocene sediment cores from the southern basin of Lake Tanganyika: implications for the future of the fishery in one of Africa’s largest lakes
J Paleolimnol, [https://doi.org/10.1007/s10933-021-00219-4\(0123456789\(\).,-volV\)\(01234567](https://doi.org/10.1007/s10933-021-00219-4(0123456789().,-volV)(01234567) [\[Link\]](#)
- SR-22-072 Stefan Engels, Christine S. Lane, Aritina Haliuc, Wim Z. Hoek, Francesco Muschitiello, Iliaria Baneschi, Annerieke Bouwman, Christopher Bronk Ramsey, James Collins, Renee de Bruijn, Oliver Heiri, Katalin Hubay, Gwydion Jones, Andreas Laug, Josef Merkt, Meike Müller, Tom Peters, Francien Peterse, Richard A. Staff, Anneke T. M. ter Schure, Falko Turner, Valerie van den Bos, Frederike Wagner-Cremer**
Synchronous vegetation response to the last glacial-interglacial transition in northwest Europe
COMMUNICATIONS EARTH & ENVIRONMENT | (2022) 3:130 | https://doi.org/10.1038/s43247-022-00457-y [\[Link\]](#)
- SR-22-073 Alexander Jardine, Katherine Selby, Ian W. Croudace, David Higgins**
Sedimentological archives of coastal storms in South-West Wales, UK
Estuarine, Coastal and Shelf Science, Volume 274, 5 September 2022, 107926 [\[Link\]](#)
- SR-22-074 Daniela Müller, Ina Neugebauer, Yoav Ben Dor, Yehouda Enzel, Markus J. Schwab, Rik Tjallingii, Achim Brauer**
Phases of stability during major hydroclimate change ending the Last Glacial in the Levant
Scientific Reports volume 12, Article number: 6052 (2022) [\[Link\]](#)
- SR-22-075 Ina Neugebauer, Michèle Dinies, Birgit Plessen, Nadine Dräger, Achim Brauer, Helmut Brückner, Peter Frenzel, Gerd Gleixner, Philipp Hoelzmann, Kim J. Krahn, Anna Pint, Valérie F. Schwab, Anja Schwarz, Rik Tjallingii, Max Engel**
The unexpectedly short Holocene Humid Period in Northern Arabia
Commun Earth Environ 3, 47 (2022) [\[Link\]](#)

- SR-22-076 Ariana Molenaar, Maarten Van Daele, Jyh-Jaan Steven Huang, Michael Strasser, Marc De Batist, Mario Pino, Roberto Urrutia, Jasper Moernaut**
Disentangling factors controlling earthquake-triggered soft-sediment deformation in lakes
Sedimentary Geology, Volume 438, August 2022, 106200 [\[Link\]](#)
- SR-22-077 Bernd Zolitschka, Irene Sophie Polgar, Hermann Behling**
Created by the Monte Peron rock avalanche: Lago di Vedana (Dolomites, Italy) and its sediment record of landscape evolution after a mass wasting event
Landslides volume 19, pages297–311 (2022) [\[Link\]](#)
- SR-22-078 Kevin Kearney, Benjamin Gearey, Susan Hegarty, Suzi Richer, Carla Ferreira, Ellen O' Carroll, Katharina Becker, Derek Hamilton, James Eogan, Meriel, McClatchie, Ian Armit, Caitlin Nagle, Kate Taylor, Graham Hull**
A Multi-Proxy Holocene Palaeoenvironmental Record of Climate Change and Prehistoric Human Activity from Lough Cullin, southeast Ireland.
The Holocene. pp. 262-279. ISSN 0959-6836 [\[Link\]](#)
- SR-22-079 INA NEUGEBAUER, CAMILLE THOMAS, LUIS ORDONEZ, NICOLAS D. WALDMANN, CRISTINA RECASENS, ALEXIS VIZCAINO, FRANCISCO J. JIMENEZ-ESPEJO, DANIEL ARIZTEGUI**
Preservation of Fe/Mn-redox fronts in sediments of an oligotrophic, oxygenated deep-water lake (Lago Fagnano, Tierra del Fuego)
Sedimentology (2022) 69, 1841–1860 [\[Link\]](#)
- SR-22-080 Karl J. F. Meier, Andrea Jaeschke, Janet Rethemeyer, Cristiano M. Chiessi, Ana Luiza S. Albuquerque, Vincent Wall, Oliver Friedrich, Andre´ Bahr**
Coupled Oceanic and Atmospheric Controls of Deglacial Southeastern South America Precipitation and Western South Atlantic Productivity
Front. Mar. Sci., 30 June 2022, Sec. Marine Biogeochemistry, Volume 9 - 2022 [\[Link\]](#)
- SR-22-081 Simon A. Larsson, Malin E. Kylander, A. Britta K. Sannel, Dan Hammarlund**
Synchronous or Not? The Timing of the Younger Dryas and Greenland Stadial-1 Reviewed Using Tephrochronology
Quaternary 2022, 5(2), 19; https://doi.org/10.3390/quat5020019 [\[Link\]](#)
- SR-22-082 Thijs Van der Meeren, Dirk Verschuren, Florence Sylvestre, Yacoub A. Nassour, Evi L. Naudts, Luis E. Aguilar Ortiz, Pierre Deschamps, Kazuyo Tachikawa, Edouard Bard, Mathieu Schuster, Moussa Abderamane**
A predominantly tropical influence on late Holocene hydroclimate variation in the hyperarid central Sahara
Sci. Adv. 8, eabk1261 (2022) [\[Link\]](#)
- SR-22-083 I.S. Kirichenko, E.V. Lazareva, S.M. Zhmodik**
IDENTIFICATION OF GEOCHEMICAL MARKERS OF VOLCANISM BY THE CLUSTER ANALYSIS FOR THE BOTTOM SEDIMENTS OF THE THERMAL LAKE FUMAROLNOE ACCORDING TO SR-XRF
Geodynamics & Tectonophysics, 13 (2s), 0608. doi:10.5800/GT-2022-13-2s-0608 [\[Link\]](#)
- SR-22-084 Junichiro Kuroda, Kyoko Hagino, Yoichi Usui, Paul R. Bown, Kan-Hsi Hsiung, Saburo Sakai, Ron Hackney, Saneatsu Saito, Masafumi Murayama, Takuto Ando, Naohiko Ohkouchi**
Stratigraphy around the Cretaceous-Paleogene boundary in sediment cores from the Lord Howe Rise, Southwest Pacific
GSA Bulletin, Volume 134, Number 5-6, 1 May 2022 [\[Link\]](#)
- SR-22-085 Ana Prohaska, Alistair W.R. Seddon, Bernd Meese, Katherine J. Willis, John C. H. Chiang, Dirk Sachse**
Abrupt shift to El Niño-like mean state conditions in the tropical Pacific during the Little Ice Age
Earth Arxiv, https://doi.org/10.31223/X5MD1H [\[Link\]](#)
- SR-22-086 Erin L. McClymont, Michael J. Bentley, Dominic A. Hodgson, Charlotte L. Spencer-Jones, Thomas Wardley, Martin D. West, Ian W. Croudace, Sonja Berg, Darren R. Gröcke, Gerhard Kuhn, Stewart S. R. Jamieson, Louise Sime, Richard A. Phillips**
Summer sea-ice variability on the Antarctic margin during the last glacial period reconstructed from snow petrel (*Pagodroma nivea*) stomach-oil deposits
Clim. Past, 18, 381–403 [\[Link\]](#)
- SR-22-087 Shinya Iwasaki, Lester Lembke-Jene, Kana Nagashima, Helge W. Arz, Naomi Harada, Katsunori Kimoto, Frank Lamy**
Evidence for late glacial oceanic carbon redistribution and discharge from the Pacific Southern Ocean
Nature Communications volume 13, Article number: 6250 (2022) [\[Link\]](#)
- SR-22-088 Robin Fentimen, Eline Feenstra, Andres Rüggeberg, Efraim Hall, Valentin Rime, Torsten Vennemann, Irka Hajdas, Antonietta Rosso, David Van Rooij, Thierry Adatte, Hendrik Vogel, Norbert Frank, Anneleen Foubert**
A 300 000-year record of cold-water coral mound build-up at the East Melilla Coral Province (SE Alboran Sea, western Mediterranean)
Clim. Past, 18, 1915–1945 [\[Link\]](#)

- SR-22-089 P. Strobel, M. Bliedtner, A.S. Carr, J. Struck, N. du Plessis, B. Glaser, M.E. Meadows, L.J. Quick, M. Zech, R. Zech, T. Haberzettl**
Reconstructing Late Quaternary precipitation and its source on the southern Cape coast of South Africa: A multi-proxy paleoenvironmental record from Vankervelsvlei
Quaternary Science Reviews, Volume 284, 15 May 2022, 107467 [\[Link\]](#)
- SR-22-090 Bruno Wilhelm, Benjamin Amann, Juan Pablo Corella, William Rapuc, Charline Giguët-Covex, Bruno Merz, Eivind Støren**
Reconstructing Paleoflood Occurrence and Magnitude from Lake Sediments
Quaternary 2022, 5, 9. [\[Link\]](#)
- SR-22-091 Francesco Riminucci, Valerio Funari, Mariangela Ravaioli, Lucilla Capotondi**
Trace metals accumulation on modern sediments from Po river prodelta, North Adriatic Sea
Marine Pollution Bulletin, Volume 175, February 2022, 113399 [\[Link\]](#)
- SR-22-092 Leila Homami Totmaj, Kamaleddin Alizadeh, Hermann Behling**
Late Holocene paleoenvironmental changes inferred from multi-proxy studies of the Kholasht-Kouh Lake sediments in the Gilan mountains, northern Iran
J Paleolimnol 68, 361–374 (2022) [\[Link\]](#)
- SR-22-093 R D W Ardi, Aswan, K A Maryunani, E Yulianto, P S Putra, S H Nugroho**
Australian–Indonesian monsoon rainfall responses to the northern hemisphere climatic changes prior to the Last Glacial Maximum: an early indication
Earth Environ. Sci. 1047 012031 [\[Link\]](#)
- SR-22-094 Sten Anslan, Wengang Kang, Katharina Dulias, Bernd Wünnemann, Paula Echeverría-Galindo, Nicole Börner, Anja Schwarz, Yongqin Liu, Keshao Liu, Sven Künzel, Veljo Kisand, Patrick Rioual, Ping Peng, Junbo Wang, Liping Zhu, Miguel Vences, Antje Schwalb**
Compatibility of Diatom Valve Records With Sedimentary Ancient DNA Amplicon Data: A Case Study in a Brackish, Alkaline Tibetan Lake
Front. Earth Sci., 07 March 2022, Sec. Quaternary Science, Geomorphology and Paleoenvironment, Volume 10 - 2022 [\[Link\]](#)
- SR-22-095 Anne Jennings, Brendan Reilly, John Andrews, Kelly Hogan, Maureen Walczak, Martin Jakobsson, Joseph Stoner, Alan Mix, Keith W. Nicholls, Matt O'Regan, Maarten A. Prins, Simon R. Troelstra**
Modern and early Holocene ice shelf sediment facies from Petermann Fjord and northern Nares Strait, northwest Greenland
Quaternary Science Reviews 283 (2022) 107460 [\[Link\]](#)
- SR-22-096 Lei Zhang, Ya-Nan Fang, Yi-Zhe Wang, Nai-Hua Xue, Sha Li, Lei Chen, Hai-Chun Zhang**
Climatic response to solar activity recorded in the Eocene varves from Qaidam Basin, northern Tibetan Plateau
Palaeoworld, Available online 24 November 2022 [\[Link\]](#)
- SR-22-097 Jiawei Fan, Hongyan Xu, Hanchao Jiang, Xiaotong Wei, Wei Shi, Qiaoqiao Guo, Siqi Zhang, Shuaitang Huang, Jiangyong Wang, Xingqi Liu, Jule Xiao**
Millennial- to Centennial-Scale Anti-Phase Relationship between the Westerlies and the East Asian Summer Monsoon Over the Last 3500 Yr and its Cultural Response Along the Silk Roads
SSRN: <https://ssrn.com/abstract=4010701> or <http://dx.doi.org/10.2139/ssrn.4010701> [\[Link\]](#)
- SR-22-098 Olga V. Churakova-Sidorova, Vladimir S. Myglan, Marina V. Fonti, Oksana V. Naumova, Alexander V. Kirilyanov, Ivan A. Kalugin, Valery V. Babich, Georgina M. Falster, Eugene A. Vaganov, Rolf T. W. Siegwolf, Matthias Saurer**
Modern aridity in the Altai-Sayan mountain range derived from multiple millennial proxies
Sci Rep 12, 7752 (2022) [\[Link\]](#)
- SR-22-099 Rose Gregersen, Jamie D. Howarth, Susanna A. Wood, Marcus J. Vandergoes, Jonathan Puddick, Chris Moy, Xun Li, John K. Pearman, Adelaine Moody, Kevin S. Simon**
Resolving 500 Years of Anthropogenic Impacts in a Mesotrophic Lake: Nutrients Outweigh Other Drivers of Lake Change
Environ. Sci. Technol. 2022, 56, 23, 16940–16951 [\[Link\]](#)
- SR-22-100 Yan Zhang, Li Zhang, Lijun Mi, Xiangyang Lu, Shiguo Wu, Lishan Tang, Jie Zhou, Xiaofeng Xiong, Jitian Zhu**
Quantitative Analysis of Cenozoic Extension in the Qiongdongnan Basin, South China Sea: Insight on Tectonic Control for Hydrocarbon Reservoir Accumulation and Formation
Energies 2022, 15, 4011 [\[Link\]](#)
- SR-22-101 Lucía Guerra, Mateo A. Martini, Hendrik Vogel, Eduardo L. Piovano, Irka Hajdas, Ricardo Astini, Antoine De Haller, Andrea Moscariello, Jean-Luc Loizeau, Daniel Ariztegui**
Microstratigraphy and palaeoenvironmental implications of a Late Quaternary high-altitude lacustrine record in the subtropical Andes
Sedimentology, Volume 69, Issue 6, October 2022, Pages 2585–2614 [\[Link\]](#)
- SR-22-102 Kannipa Motanated**
Application of X-ray fluorescence mapping in turbiditic sandstones, Huai Bo Khong Formation of Nam Pat Group, Thailand
Open Geosciences, vol. 14, no. 1, 2022, pp. 57–69 [\[Link\]](#)

- SR-22-103 Thomas Martin, Jared Tadla, Zane Jobe**
Digitalization of Legacy Datasets and Machine Learning Regression Yields Insights for Reservoir Property Prediction and Submarine-Fan Evolution: A Subsurface Example From the Lewis Shale, Wyoming
Sedimentary Record, Vol. 20, Issue 1, 2022 July 13, 2022 CDT [\[Link\]](#)
- SR-22-104 Giuseppe Capobianco, Giuseppe Bonifazi, Silvia Serranti, Rosita Marabottini, Maria Luisa Antenzio, Maura Cardarelli, Patrizia Brunetti, Silvia Rita Stazi**
A Green Approach Based on Micro-X-ray Fluorescence for Arsenic, Micro- and Macronutrients Detection in *Pteris vittata*
Water 2022, 14, 2202 [\[Link\]](#)
- SR-22-105 Stephen C. Phillips, Kate Littler**
Comparison of sediment composition by smear slides to quantitative shipboard data: a case study on the utility of smear slide percent estimates, IODP Expedition 353, northern Indian Ocean
Sci. Dril., 30, 59–74 [\[Link\]](#)
- SR-22-106 C. Bégorre, A. Dabrin, M. Masson, B. Mourier, F. Eyrolle, H. Lepage, A. Morereau, M. Coquery**
Reconstruction of historical suspended particulate matter contributions of Rhône River tributaries to the Mediterranean Sea
Geomorphology, Volume 417, 15 November 2022, 108445 [\[Link\]](#)
- SR-22-107 Nicholas L. Riddick, Joseph I. Boyce, Vasif Sahoglu, Hayat Erkanal, Irfan Tugcu, Yesim Alkan, Eduard G. Reinhardt, Beverly N. Goodman-Tchernov**
Coastal palaeoenvironmental record of Late Bronze to Iron Age harbour development at Liman Tepe-Clazomenae, western Anatolia, Turkey
Marine Geology, Volume 450, August 2022, 106842 [\[Link\]](#)
- SR-22-108 Neil McDonald, Tom Bradwell, S. Louise Callard, Jaime L. Toney, Briony Shreeve, James Shreeve**
Automated characterisation of glaciomarine sediments using X-ray computed laminography
Quaternary Science Advances, Volume 5, January 2022, 100046 [\[Link\]](#)
- SR-22-109 H. E. Baranes, J. D. Woodruff, W. R. Geyer, B. C. Yellen, J. B. Richardson, Frances Griswold**
Sources, Mechanisms, and Timescales of Sediment Delivery to a New England Salt Marsh
Journal of Geophysical Research: Earth Surface, 127, e2021JF006478 [\[Link\]](#)
- SR-22-110 Camila Areias, Cátia Fernandes Barbosa, Anna Paula Soares Cruz, Judith A. McKenzie, Daniel Ariztegui, Timothy Eglinton, Negar Haghipour, Crisógono Vasconcelos, Mónica Sánchez-Román**
Organic matter diagenesis and precipitation of Mg-rich carbonate and dolomite in modern hypersaline lagoons linked to climate changes
Geochimica et Cosmochimica Acta, Volume 337, 15 November 2022, Pages 14-32 [\[Link\]](#)
- SR-22-111 Yuke Liu, Wenyuan He, Jinyou Zhang, Zhenwu Liu, Fazi Chen, Huajian Wang, Yuntao Ye, Yitong Lyu, Zhiyong Gao, Zhichao Yu, Lina Bi, Shuichang Zhang**
Multielement Imaging Reveals the Diagenetic Features and Varied Water Redox Conditions of a Lacustrine Dolomite Nodule
Geofluids, vol. 2022, Article ID 9019061, 20 pages, 2022 [\[Link\]](#)
- SR-22-112 Catarina Ritter, Vítor Gonçalves, Sergi Pla-Rabes, Erik J. de Boer, Roberto Bao, Alberto Sáez, Armand Hernández, Marta Sixto, Nora Richter, Mario Benavente, Ricardo Prego, Santiago Giralt, Pedro M. Raposeiro**
The vanishing and the establishment of a new ecosystem on an oceanic island – Anthropogenic impacts with no return ticket
Science of The Total Environment, Volume 830, 15 July 2022, 154828 [\[Link\]](#)
- SR-22-113 Wei Zhang, Junliang Zhao, Dongxiao Zhang**
Construction and validation of the upscaling model of organic-rich shale by considering water-sensitivity effects
Journal of Petroleum Science and Engineering, Volume 216, September 2022, 110718 [\[Link\]](#)
- SR-22-114 Fang Gu, Kamaledin Alizadeh, Hermann Behling**
Late Holocene Vegetation and Environmental Changes of Coastal Lowlands in Northern Iran: Possible Role of Climate, Human Impact and Caspian Sea Level Fluctuations
Wetlands 42, 38 (2022) [\[Link\]](#)
- SR-22-115 MAXIMILIAN HALLENBERGER, LARS REUNING, STEFAN BACK, STEPHEN J. GALLAGHER, HOKUTO IWATANI, KATJA LINDHORST**
Climate and sea-level controlling internal architecture of a Quaternary carbonate ramp (Northwest Shelf of Australia)
Sedimentology (2022) 69, 1276–1300 [\[Link\]](#)
- SR-22-116 Svante Björck, Malin E. Kylander, Eiliv Larsen, Astrid Lyså, Marianne Christoffersen, Martin Ludvigsen, Stefan Wastegård**
Lake Nordlaguna – an Enigmatic Lake Basin at the Foot of the Beerenberg Volcano, Jan Mayen
SSRN: <https://ssrn.com/abstract=4165651> or <http://dx.doi.org/10.2139/ssrn.4165651> [\[Link\]](#)
- SR-22-117 Stephen J. Roberts, Robert D. McCulloch, Joseph F. Emmings, Sarah J. Davies, Wim Van Nieuwenhuyze, Mieke Sterken, Katrien Heirman, Jeroen Van Wichelen, Carolina Diaz, Evelien Van de Vyver, Alex Whittle, Wim Vyverman, Dominic A. Hodgson, Elie Verleyen**
Late Glacial and Holocene Palaeolake History of the Última Esperanza Region of Southern Patagonia
Front. Earth Sci., 29 March 2022, Sec. Quaternary Science, Geomorphology and Palaeoenvironment, Volume 10 - 2022 [\[Link\]](#)

- SR-22-118 J. Goslin, P. Bernatchez, R.L. Barnett, C. Beland, B. Ghaleb, D. Didier, M. Garneau**
Importance of coarse sedimentation events in the resilience of microtidal back-barrier saltmarshes to sea-level rise
Marine Geology, Volume 447, May 2022, 106793 [\[Link\]](#)
- SR-22-119 Raphael Gromig, Patrick Grunert, Stephanie Scheidt, Martin Melles**
Postglacial shelf erosion, riverine input and lake drainage in the eastern Kara Sea, Russia
Marine Geology, Volume 451, September 2022, 106865 [\[Link\]](#)
- SR-22-120 Roberta Pini, Giulia Furlanetto, Francesca Vallé, Federica Badino, Lucia Wick, Flavio S. Anselmetti, Paolo Bertuletti, Nicoletta Fusi, Marina A. Morlock, Barbara Delmonte, Sandy P. Harrison, Valter Maggi, Cesare Ravazzi**
Linking North Atlantic and Alpine Last Glacial Maximum climates via a high-resolution pollen-based subarctic forest steppe record
Quaternary Science Reviews, Volume 294, 15 October 2022, 107759 [\[Link\]](#)
- SR-22-121 Ondřej Bábek, Kamila Fačevicová, Martin Židek, Jan Sedláček, Christoph Muehlmann, Klaus Nordhausen, Karel Hron**
X-ray fluorescence scanning of soft and wet-sediment cores in terrestrial environments; A robust blind source separation approach
Journal of Geochemical Exploration, Volume 243, December 2022, 107106 [\[Link\]](#)
- SR-22-122 M. Lujan García, Stella Birlo, Bernd Zolitschka**
Paleoenvironmental changes of the last 16,000 years based on diatom and geochemical stratigraphies from the varved sediment of Holzmaar (West-Eifel Volcanic Field, Germany)
Quaternary Science Reviews, Volume 293, 1 October 2022, 107691 [\[Link\]](#)
- SR-22-123 Katrine Elnegaard Hansen, Jesper Lorenzen, Joanna Davies, Lukas Wacker, Christof Pearce, Marit-Solveig Seidenkrantz**
Deglacial to Mid Holocene environmental conditions on the northeastern Greenland shelf, western Fram Strait
Quaternary Science Reviews, Volume 293, 1 October 2022, 107704 [\[Link\]](#)
- SR-22-124 Michael M. McGlue, Geoffrey S. Ellis, McKenzie A. Brannon, Jennifer C. Latimer, Jeffery R. Stone, Sarah J. Ivory, Neema E. Mganza, Michael J. Soreghan, Christopher A. Scholz**
Sedimentary geochemistry of deepwater slope deposits in southern Lake Tanganyika (East Africa): Effects of upwelling and minor lake level oscillations
Journal of Sedimentary Research (2022) 92 (8): 721–738 [\[Link\]](#)
- SR-22-125 Kan Yuan, Zhe Sun, Can-Ge Li, Kejia Ji, Xiaohuan Hou, Mingda Wang, Juzhi Hou**
Responses of sedimentary proxy indicators to lake-level fluctuations on the central Tibetan Plateau since the last deglaciation
Progress in Physical Geography: Earth and Environment, Volume 46, Issue 6, https://doi.org/10.1177/03091333221138685 [\[Link\]](#)
- SR-22-126 T.M. Cronin, B.M. Olds, A.M. Regnier, M. O'Regan, L. Gemery, H. Detlef, C. Pearce, M. Jakobsson**
Holocene paleoceanography and glacial history of Lincoln Sea, Ryder Glacier, Northern Greenland, based on foraminifera and ostracodes
Marine Micropaleontology, Volume 175, August 2022, 102158 [\[Link\]](#)
- SR-22-127 Helmut Brückner, Christopher E. Miller, Christian Stolz**
Was ist Geoarchäologie? – Eine Einführung
Geoarchäologie pp 3–12 [\[Link\]](#)
- SR-22-128 Huixin Wang, Pauline Treble, Andy Baker, Anne M. Rich, Saroj Bhattacharyya, Fabio Oriani, Rabeya Akter, Khorshed Chinu, Irene Wainwright, Christopher E. Marjo**
Sulphur Variations in Annually Layered Stalagmites Using 1 Benchtop Micro-XRF
Spectrochimica Acta Part B: Atomic Spectroscopy, Volume 189, March 2022, 106366 [\[Link\]](#)
- SR-22-129 Tsai-Wen Lin, Stefanie Kaboth-Bahr, André Bahr, Kweku Afrifa Yamoah, Chih-Chieh Su, Liang-Chi Wang, Pei-Ling Wang, Ludvig Löwemark**
Disentangling the Impact of Anthropogenic and Natural Processes on the Environmental Stability in a Subtropical Subalpine Lake Catchment in Northeastern Taiwan Over the Past 200 Years
SSRN: https://ssrn.com/abstract=4252491 or http://dx.doi.org/10.2139/ssrn.4252491 [\[Link\]](#)
- SR-22-130 Graham R. Mueset, Eduard G. Reinhardt, Ryan Whitehouse, Brian F. Cumming**
Postglacial hydroclimate in the southern interior of British Columbia (Canada): Lake ecosystem response to the Holocene Thermal Maximum and drivers of mid-to-late Holocene climate variability
Quaternary Science Reviews, Volume 276, 15 January 2022, 107302 [\[Link\]](#)
- SR-22-131 Yolanda Picó, Damià Barceló**
Isotopic Mass Spectrometry in Food and Environmental Chemistry
The Handbook of Environmental Chemistry book series (HEC, volume 119) [\[Link\]](#)
- SR-22-132 Paula A. Rodríguez-Zorro, Marie-Pierre Ledru, Charly Favier, Edouard Bard, Denise C. Bicudo, Marta Garcia, Gisele Marquardt, Frauke Rostek, Andre O. Sawakuchi, Quentin Simon, Kazuyo Tachikawa**
Alternate Atlantic forest and climate phases during the early Pleistocene 41 kyr cycles in southeastern Brazil
Quaternary Science Reviews, Volume 286, 15 June 2022, 107560 [\[Link\]](#)

- SR-22-133** Hường Nguyễn-Văn, Jan P. Schimmelmann, Dương Nguyễn-Thùy, Antti E.K. Ojala, Ingmar Unkel, Thái Nguyễn-Đình, Yu Fukumoto, Kelsey E. Doiron, Peter E. Sauer, Agnieszka Drobniak, Nguyệt Thị Ánh Nguyễn, Dương Nguyễn-Thùy, Quốc Đỗ-Trọng, Hồng Nguyễn-Thị, Dương Nguyễn-Ánh, Tạo Nguyễn-Văn, Arndt Schimmelmann
Environmental history recorded over the last 70 years in Biển Hồ maar sediment, Central Highlands of Vietnam
Quaternary International, Volume 621, 30 May 2022, Pages 84-100 [\[Link\]](#)
- SR-22-134** K. Katterbauer, A. Al Shehri, A. Yousif
A Review of Digital Transformation Initiatives for Real-Time Formation Evaluation
Asia Petroleum Geoscience Conference and Exhibition (APGCE), Nov 2022, Volume 2022, p.1 - 6 [\[Link\]](#)
- SR-22-135** Linsen Dong, Leonid Polyak, Xiaotong Xiao, Stefanie Brachfeld, Yanguang Liu, Xuefa Shi, Xisheng Fang, Yazhi Bai, Aimei Zhu, Chaoxin Li, Song Zhao, Dong Wu, Chunjuan Wang
A Eurasian Basin sedimentary record of glacial impact on the central Arctic Ocean during MIS 1–4
Global and Planetary Change, Volume 219, December 2022, 103993 [\[Link\]](#)
- SR-22-136** Gianna Evans, Paul Augustinus, Patricia Gadd, Atun Zawadzki, Amber Ditchfield, Jenni Hopkins
Millennial-scale periodicities associated with changes in wind and precipitation over the last Glacial cycle (ca. 117 ± 8.5 ka BP) recorded in sediments from Lake Kai Iwi, Northland, New Zealand
Global and Planetary Change, Volume 208, January 2022, 103688 [\[Link\]](#)
- SR-22-137** Matthew J. Goodwin, Danielle C. Verdon-Kidd, Quan Hua, Nathan B. English, Heather A. Haines, Kathryn J. Allen
Hydroclimate proxies for eastern Australia using stable isotopes in grey mangroves (*Avicennia marina*)
Global and Planetary Change, Volume 208, January 2022, 103691 [\[Link\]](#)
- SR-22-138** Zhengquan Yao, Yanguang Liu, Xuefa Shi, Xun Gong, Sergey A. Gorbarenko, Aleksandr A. Bosin, JingJing Gao, Yazhi Bai, Hui Zhang, Anqi Wang
Paleoproductivity variations and implications in the subarctic northwestern Pacific since MIS 7: Geochemical evidence
Global and Planetary Change, Volume 209, February 2022, 103730 [\[Link\]](#)
- SR-22-139** Qiang Li, Gongping Tu, Xuehua Zhang, Sihai Cheng, Tianbang Yang
Application of a back propagation neural network model based on genetic algorithm to in situ analysis of marine sediment cores by X-ray fluorescence core scanner
Applied Radiation and Isotopes, Volume 184, June 2022, 110191 [\[Link\]](#)
- SR-22-140** Shengguo Xue, Ramon Korna, Jiarong Fan, Wenshun Ke, Wei Lou, Jinting Wang, Feng Zhu
Spatial distribution, environmental risks, and sources of potentially toxic elements in soils from a typical abandoned antimony smelting site
Journal of Environmental Sciences, Volume 127, May 2023, Pages 780-790 [\[Link\]](#)
- SR-22-141** Çetin Senkul, Sule Gürboga, Mustafa Dogan, Turhan Dogan
High-resolution geochemical (μ XRF) and palynological analyses for climatic and environmental changes in lake sediments from Sultansazlığı Marsh (Central Anatolia) during the last 14.5 kyr
Quaternary International, Volume 613, 10 March 2022, Pages 24-38 [\[Link\]](#)
- SR-22-142** Dusica Zaova, Aleksandra Cvetkoska, Bernd Wagner, Alexander Francke, Hendrik Vogel, Zlatko Levkov, Elena Jovanovska
Diatom community responses to environmental change in Lake Ohrid (Balkan Peninsula) during the mid-Pleistocene Transition
Quaternary International, Volume 622, 10 June 2022, Pages 1-9 [\[Link\]](#)
- SR-22-143** Kurt H. Wogau, Philipp Hoelzmann, Helge W. Arz, Harald N. Böhnell
Paleoenvironmental conditions during the Medieval Climatic Anomaly, the Little Ice Age and social impacts in the Oriental Mesoamerican region
Quaternary Science Reviews, Volume 289, 1 August 2022, 107616 [\[Link\]](#)
- SR-22-144** Maria Rivera-Araya, Cassandra Rowe, Vladimir Levchenko, Sean Ulm, Michael I. Bird
A radiocarbon chronology for Sanamere Lagoon, Cape York Peninsula, using multiple organic fractions
Quaternary Geochronology, Volume 70, May 2022, 101273 [\[Link\]](#)
- SR-22-145** Tian-Yu Xu, Jun Peng, Le-Dan Yu, Hao-Dong Han, Yi-Ming Yang, Yao Zeng, Yu-Bin Wang
The control of astronomical cycles on lacustrine fine-grained event Sedimentation: A case study of the Chunshang sub-member of the upper Es4 in the Dongying Sag
Petroleum Science, Available online 5 December 2022 [\[Link\]](#)
- SR-22-146** Hangoo Kang, Sang Do Heo, Gyeong-Mok Lee, Wooyoung Jeong, Saehun Baeg, Daeyeon Kim
Sensor Networks Visualization and Analysis of the Oceanography Research Vessel Isabu
OCEANS 2022, Hampton Roads [\[Link\]](#)
- SR-22-147** FREDRIK HØGAAS, SIMON A. LARSSON, MARTIN KLUG, LARS OLSEN, STEFAN WASTEGÅRD
Palaeolake sediment records reveal a mid- to late Younger Dryas ice-sheet maximum in Mid-Norway
Boreas, Volume 51, Issue 1, January 2022, Pages 41-60 [\[Link\]](#)

SR-22-148 NIKLAS LEICHER, BIAGIO GIACCIO, ALISON PEREIRA, SEBASTIEN NOMADE, LORENZO MONACO, GIORGIO MANNELLA, PAOLO GALLI, EDOARDO PERONANCE, DANILO MAURO PALLADINO, GIANLUCA SOTTILI, GIOVANNI ZANCHETTA, BERND WAGNER

Central Mediterranean tephrochronology between 313 and 366 ka: New insights from the Fucino palaeolake sediment succession

Boreas, Volume 52, Issue 2, April 2023, Pages 240-271

[\[Link\]](#)

SR-22-149 TINE L. RASMUSSEN, CHRISTOF PEARCE, KATRINE JUUL ANDRESEN, TOVE NIELSEN, MARIT-SOLVEIG SEIDENKRANTZ

Northeast Greenland: ice-free shelf edge at 79.4°N around the Last Glacial Maximum 25.5–17.5 ka

Boreas, Volume 51, Issue 4, October 2022, Pages 759-775

[\[Link\]](#)

SR-22-150 DANIEL HESJEDAL WIBERG, HAFLIDI HAFLIDASON, JAN SVERRE LABERG

An updated Weichselian chronostratigraphic framework of the Kongsfjorden Trough Mouth Fan and its implications for the glacial history of Svalbard

Boreas, Volume 51, Issue 3, July 2022, Pages 667-683

[\[Link\]](#)

SR-22-151 Graham R. Mushet, Eduard G. Reinhardt, Brian F. Cumming

The importance of effective moisture and landscape controls on diatom assemblages and primary production in Roche Lake, British Columbia, Canada over the past ca. 1800 years

Quaternary Research, 111, 53-67

[\[Link\]](#)

SR-22-152 ERICK K. TOWETT, B. LEE DRAKE, SHEPHERD D. KEITH

X-ray Fluorescence Applications in Agriculture

<https://pubs.rsc.org> | doi:10.1039/9781839162695-00221

[\[Link\]](#)

SR-22-153 Tim J. Cohen, Lee J. Arnold, Fernando Gazquez, Jan-Hendrik May, Sam K. Marx, Nathan R. Jankowski, Allan R. Chivas, Adriana Garcia, Haidee Cadd, Adrian G. Parker, John D. Jansen, Xiao Fu, Nicolas Waldmann, Gerald C. Nanson, Brian G. Jones, Patricia Gadd

Late quaternary climate change in Australia's arid interior: Evidence from Kati Thanda e Lake Eyre

Quaternary Science Reviews, Volume 292, 15 September 2022, 107635

[\[Link\]](#)

SR-22-154 Fernanda Charqueno-Celis, Itzel Sigala, Bernd Zolitschka, Liseth Perez, Christoph Mayr, Julieta Massafarro

Responses of testate amoebae assemblages (Amoebozoa: Arcellinida) to recent volcanic eruptions, inferred from the sediment record in Laguna Verde, southern Patagonia, Argentina

Journal of Paleolimnology volume 67, pages 115–129 (2022)

[\[Link\]](#)

SR-22-155

[\[Link\]](#)

SR-22-156

[\[Link\]](#)

SR-22-157 Dan Atasiei, Nawaf A. Nasser, Calder W. Patterson, Anqi Wen, R. Timothy Patterson, Jennifer M. Galloway, Helen M. Roe

Impact of Post-Tropical Storm Arthur (2014) on benthic Arcellinida assemblage dynamics in Harvey Lake, New Brunswick, Canada

Hydrobiologia volume 849, pages 3041–3059 (2022)

[\[Link\]](#)

SR-22-158 P. S. Remya Devi, Trupti A. Chavan, Kallola K. Swain

Determination of Sr to Ca ratio in solid carbonate, fluoride, and nitrate samples using the fundamental parameters of EDXRF: experimental and empirical evaluation of non-destructive assays in light matrices

J. Anal. At. Spectrom., 2022, 37, 641-655

[\[Link\]](#)

SR-22-159 Biljana Narancic, Émilie Saulnier-Talbot, Guillaume St-Onge, Reinhard Pienitz

Diatom sedimentary assemblages and Holocene pH reconstruction from the Canadian Arctic Archipelago's largest lake

Écoscience, 28:3-4, 347-360

[\[Link\]](#)

SR-22-160 S.K. Marx, J-H May, T. Cohen, B.S. Kamber, H.A. McGowan, L. Petherick

Dust emissions from Kati Thanda-Lake Eyre: a review

Transactions of the Royal Society of South Australia, 146:1, 168-206

[\[Link\]](#)

SR-22-161

[\[Link\]](#)

SR-22-162 Lingzi Gu

Study on the Theoretical Model and Numerical Simulation Technology of Credit Derivatives Pricing

6th Annual International Conference on Data Science and Business Analytics (ICDSBA), Changsha, China, 2022, pp. 100-104

[\[Link\]](#)

SR-22-163 Pir Çağatay KARTAL, Şule GÜRBOĞA, Mustafa Batuhan ERTEKİN, Özgür TÜRKMEN, Ayhan YAVUZOĞLU, Uğur Zeki KIRAT, Önder KAYADİBİ, Eşref AYLAN, Zehra DEVECİ ARAL

Edremit Körfezi (KB Anadolu) karot sedimanlarının jeokimyasal özellikleri: Kaynak ve dağılım koşullarının araştırılması
MTA Yer. Mad. (2022) 1:47-66

[\[Link\]](#)

SR-22-164

[\[Link\]](#)

SR-22-165 Hanna Hadlera, Dennis Wilken, Sarah Bäuml, Peter Fischer, Wolfgang Rabbel, Timo Willershäuser, Tina Wunderlich, Andreas Vött

The Trendermarsch polder (North Frisia, Germany) - Geophysical and geoarchaeological investigations of an anthropogenic medieval coastal landscape and its vulnerability against natural hazards

Geomorphology, Volume 418, 1 December 2022, 108461

[\[Link\]](#)

SR-22-166 Asika Dharmarathna, Jonathan Tyler, Cameron Barr, John Tibby, Matthew Jones, Martin Ankor, Haidee Cadd, Patricia Gadd, Quan Hua, David Child, Atun Zawadski, Michael Hotchkis, Bernd Zolitschka

Holocene climate variability in south east Australia; inferred from oxygen isotopes in sedimentary cellulose at Lake Surprise, Victoria.

EGU22-10775, https://doi.org/10.5194/egusphere-egu22-10775

[\[Link\]](#)

SR-22-167 Markus Czymzik, Rik Tjallingii, Birgit Plessen, Peter Feldens, Martin Theuerkauf, Matthias Moros, Markus J. Schwab, Carla K.M. Nantke, Silvia Pinkerneil, Achim Brauer, Helge W. Arz

Mid-Holocene reinforcement of North Atlantic atmospheric circulation variability from a western Baltic lake sediment record
Clim. Past, 19, 233–248

[\[Link\]](#)

SR-22-168 Elyssa De Carli, Samuel Marx, Jan-Hendrik May

Dating and provenancing sediments of a palaeoflood record at the terminus of the Murray-Darling Basin

University of Wollongong

[\[Link\]](#)

SR-22-169 Rodrigo Martínez-Abarca, Michelle Abstein, Philipp Hoelzmann, David Hodell, Mark Brenner, Steffen Kutterolf, Sergio Cohuo, Laura Macario-González, Mona Stockhecke, Jason Curtis, Flavio Anselmetti, Daniel Ariztegui, Thomas Guilderson, Alexander Correa-Metrio, Frederik Schenk, Thorsten Bauersachs, Liseth Pérez, Antje Schwab

Millennial hydrological variability in the continental northern Neotropics during MIS3-2 inferred from sediments of Lake Petén Itzá, Guatemala

EGUsphere [preprint], https://doi.org/10.5194/egusphere-2022-787, 2022

[\[Link\]](#)

SR-22-170 Kevin Zoller, Jan Sverre Laberg, Tom Arne Rydningen, Katrine Husum, Matthias Forwick

Southern outlet of the Northeast Greenland Ice Stream, NE Greenland: post-Last Glacial Maximum response to climate warming

EGUsphere [preprint], https://doi.org/10.5194/egusphere-2022-970, 2022

[\[Link\]](#)

SR-22-171 Lea Pesjak, Andrew McMin, Zanna Chase, Helen Bostock

Sea ice and productivity changes over the last glacial cycle in the Adélie Land region, East Antarctica, based on diatom assemblage variability

EGUsphere [preprint], https://doi.org/10.5194/egusphere-2022-1009, 2022 (& 2023)

[\[Link\]](#)[\[Link\]](#)

SR-22-172 Alistair J. Monteath, Matthew S. M. Bolton, Jordan Harvey, Marit-Solveig Seidenkrantz, Christof Pearce, Britta Jensen

Ultra-distal tephra deposits and Bayesian modelling constrain a variable marine radiocarbon offset in Placentia Bay, Newfoundland

EGUsphere [preprint], https://doi.org/10.5194/egusphere-2022-1273, 2022

[\[Link\]](#)

Geochronology, 5, 229–240, https://doi.org/10.5194/gchron-5-229-2023, 2023.

[\[Link\]](#)

SR-22-173 DANIELLE MCLEAN, PAUL G. ALBERT, GORDON SCHLOLAUT, HENRY F. LAMB, MICHAEL H. MARSHALL, ACHIM BRAUER, JON WADE, TAKESHI NAKAGAWA, VICTORIA C. SMITH

How reliable is μ XRF core scanning at detecting tephra layers in sedimentary records? A case study using the Lake Suigetsu archive (central Japan)

J. Quaternary Sci, 37: 1189-1206

[\[Link\]](#)

SR-22-174 Ann E. Morey, Mark D. Shapley, Daniel G. Gavin, Alan R. Nelson, Chris Goldfinger

Sedimentary record of historic seismicity in a small, southern Oregon lake

https://doi.org/10.21203/rs.3.rs-1631354/v1

[\[Link\]](#)

SR-22-175 James J. Zambito IV, Lisa D. Haas, Michael J. Parsen

Identifying the source of groundwater contaminants in West-Central Wisconsin, U.S.A.: Geochemical and mineralogical characterization of the Cambrian sandstone aquifer

Journal of Contaminant Hydrology, Volume 247, May 2022, 103966

[\[Link\]](#)

SR-22-176

[\[Link\]](#)

- SR-22-177 Liyuan Liu, Jingxuan Yang, Xingqi Liu, Xin Mao, Rong Qin**
Historic Earthquakes for the Xianshuihe Fault Derived From Lake Mugeco in the Southeastern Margin of the Tibetan Plateau During the Past 300Years, *Front. Earth Sci.*, 13 April 2022, *Sec. Quaternary Science, Geomorphology and Paleoenvironment Volume 10 - 2022* [\[Link\]](#)
- SR-22-178 Hans Von Suchodoletz, Giorgi Kirkitadze, Tiiu Koff, Markus L. Fischer, Rosa M. Poch, Azra Khosravichenar, Birgit Schneider, Bruno Glaser, Susanne Lindauer, Silvan Hoth, Anna Skokan, Levan Navrozashvili, Mikheil Lobjanidze, Mate Akhalaia, Levan Losaberidze, Mikheil Elashvili**
Human-environmental interactions and seismic activity in a Late Bronze to Early Iron Age settlement center in the southeastern Caucasus
Front. Earth Sci., 08 September 2022, *Sec. Quaternary Science, Geomorphology and Paleoenvironment, Volume 10 - 2022* [\[Link\]](#)
EGU23-1479, https://doi.org/10.5194/egusphere-egu23-1479, 2023 [\[Link\]](#)
- SR-22-179 Brian Yellen, Jonathan Woodruff, Hannah Baranes, W. Rockwell Geyer, Simon Engelhart, Frances Griswold**
Salt Marsh Response to Increased Tidal Inundation
https://d197for5662m48.cloudfront.net/documents/publicationstatus/111476/preprint_pdf/8c0dded72d254e14fc768f915c8cc59d.pdf [\[Link\]](#)
- SR-22-180 Nicholas L. Riddick, Joseph I. Boyce, Gillian M. Krezoski, Vasif Sahoglu, Hayat Erkanal, Irfan Tugcu, Yesim Alkan, Jeremy J. Gabriel, Eduard G. Reinhardt, Beverly N. Goodman-Tchernov**
Palaeoshoreline reconstruction and underwater archaeological potential of Liman Tepe: A long-occupied coastal prehistoric settlement in western Anatolia, Turkey
Quaternary Science Reviews, Volume 276, 15 January 2022, 107293 [\[Link\]](#)
- SR-22-181 Masafumi Murayama, Risa Kotoku, Kazuno Arai, Naomi Harada**
Sediment environmental changes during the Anthropocene by heavy metal and organic matter analysis of marine cores collected from Uranouchi Bay, Kochi Prefecture, Japan
https://doi.org/10.14863/geosocabst.2022.0_287 [\[Link\]](#)
- SR-22-182 Joanna Davies, Anders Møller Mathiasen, Kristiane Kristiansen, Katrine Elnegaard Hansen, Lukas Wacker, Aage Kristian Olsen Alstrup, Ole Lajord Munk, Christof Pearce, Marit-Solveig Seidenkrantz**
Linkages between ocean circulation and the Northeast Greenland Ice Stream in the Early Holocene
Quaternary Science Reviews, Volume 286, 15 June 2022, 107530 [\[Link\]](#)
- SR-22-183 Jaesoo Lim, In-Kwon Um, Sangheon Yi, Chang-Pyo Jun**
Hydroclimate change and its controlling factors during the middle to late Holocene and possible 3.7-ka climatic shift over East Asia
Quaternary Research, 109, 53-64 [\[Link\]](#)
- SR-22-184 Olivier Jacques, Reinhard Pienitz**
Impacts des activités minières d'amiante sur l'évolution du lac à la Truite d'Irlande, région de Thetford Mines (Québec, Canada) Impacts of asbestos mining activities on the evolution of Lac à la Truite d'Irlande, Thetford Mines region (Quebec, Canada)
Canadian Water Resources Journal / Revue canadienne des ressources hydriques, 47:1, 40-60 [\[Link\]](#)
- SR-22-185 MARC-ÉLIE ADAÏMÉ, REINHARD PIENITZ, PIERRE LEGENDRE, DERMOT ANTONIADES**
Postglacial palaeoenvironmental reconstruction of the Fury and Hecla Strait region (Nunavut) inferred from microfossils and geochemical proxies
JOURNAL OF QUATERNARY SCIENCE (2022) 37(5) 944–958 [\[Link\]](#)
- SR-22-186 OWEN C. COWLING, ELIZABETH K. THOMAS, JOHN INGE SVENDSEN, JAN MANGERUD, HAFLIDI HAFLIDASON, CARL REGNÉLL, JO BRENDRYEN**
Western Siberia experienced rapid shifts in moisture source and summer water balance during the last deglaciation and early Holocene
JOURNAL OF QUATERNARY SCIENCE (2022) 37(5) 790–804 [\[Link\]](#)
- SR-22-187 RAPHAEL GROMIG, ELODIE LEBAS, LARISA SAVELIEVA, ZINA PUSHINA, GRIGORY FEDOROV, DOMINIK BRILL, MARLENE MARGIT LENZ, SEBASTIAN KRSTEL, BERND WAGNER, NATALIYA KOSTROMINA, MARK MUSTAFIN, MARTIN MELLES**
Sedimentation history of Lake Taymyr, Central Russian Arctic, since the Last Glacial Maximum
JOURNAL OF QUATERNARY SCIENCE (2022) 37(5) 851–867 [\[Link\]](#)
- SR-22-188 HAFLIDI HAFLIDASON, JO BRENDRYEN, REIDUN F. ELDEGARD, JAN MANGERUD, SÆDIS ÓLAFSDÓTTIR, CARL REGNÉLL, JOHN INGE SVENDSEN**
High-resolution chronology of 24 000-year long cores from two lakes in the Polar Urals, Russia, correlated with alaeomagnetic inclination records with a distinct event about 20 000 years ago
JOURNAL OF QUATERNARY SCIENCE (2022) 37(5) 778–789 [\[Link\]](#)
- SR-22-189**

SR-22-190

[\[Link\]](#)

SR-22-191 MATTHIAS LENZ, ELODIE LEBAS, MARLENE M. LENZ, GRIGORY FEDOROV, RAPHAEL GROMIG, VASILIKOLKA, SEBASTIAN KRASSTEL, NIKLAS LEICHER, MARTIN MELLES, BERND WAGNER

Highly variable sediment deposition in Lake Imandra, NW Russia, since the Late Pleistocene

JOURNAL OF QUATERNARY SCIENCE (2022) 37(5) 745–764

[\[Link\]](#)

SR-22-192 LI Guogang, LI Yunhai, BU Ruyuan, JI Youjun, LI Yixin, ZHAO Xiao, LI Chao, DUAN Linna

Geochemical characteristics and paleoenvironmental implications of major elements in sediments from the continental slope of the Ross Sea, Antarctica since late Pleistocene

MARINE GEOLOGY & QUATERNARY GEOLOGY Vol. 42, No. 4

[\[Link\]](#)

SR-22-193 Nurettin Yakupoğlu, Pierre Henry, Gülsen Uçarkuş, K. Kadir Eriş, François Demory, Christian Crouzet, M. Namık Çağatay

Factors affecting thickness and frequency of turbidites triggered by earthquakes in Kumburgaz Basin, Sea of Marmara

Marine Geology, Volume 452, October 2022, 106900

[\[Link\]](#) [\[Link\]](#)

SR-22-194 SONG Weiyu, LI Chao, MENG Xiangjun, HUANG Wei, ZHAO Jingtao, LU kai, XU Lei, HU Bangqi, YU Yiyong, SUN Jianwei, LI Yang, ZHOU Jixiang, HU Gang, and YUAN Xiaojun

Geochemical characteristics and resource significance of polymetallic nodules and cobalt-rich crusts in the southern Kyushu-Palau ridge

Marine Geology & Quaternary Geology 42.5 (2022): 149-157.

[\[Link\]](#)

SR-22-195

[\[Link\]](#)

SR-22-196

[\[Link\]](#)

SR-22-197

[\[Link\]](#)

SR-22-198 Xuejin Wu, Joseph P. Botting, Yuandong Zhang, Lucy A. Muir, Junye Y. Ma

Taphonomy of exceptional sponge preservation in the Hirnantian Anji Biota, China

Journal of the Geological Society, Vol. 179 | 2022 | *jgs*2021-112

[\[Link\]](#) [\[Link\]](#)

SR-22-199 Andreas Lücke, Sebastian Kock, Holger Wissel, Julio J. Kulemeyer, Liliana, C. Lupo, Frank Schäbitz, Karsten Schittek

Hydroclimatic record from an Altiplano cushion peatland (24°S) indicates large-scale reorganisation of atmospheric circulation for the late Holocene

PLoS ONE 17(11): e0277027. <https://doi.org/10.1371/journal.pone.0277027>

[\[Link\]](#)

SR-22-200 ALEXANDER FRANCKE, JACK H. LACEY, MARTA MARCHEGIANO, BERND WAGNER, DANIEL ARIZTEGUI, GIOVANNI ZANCHETTA, STEPHANIE KUSCH, KRISTIAN UFER, ILARIA BANESCHI, KATHARINA KNÖDGEN

Last Glacial central Mediterranean hydrology inferred from Lake Trasimeno's (Italy) calcium carbonate geochemistry

Boreas, Volume 51, Issue 1, January 2022, Pages 219-237

[\[Link\]](#)

SR-22-201

[\[Link\]](#)

SR-22-202 C. Muñoz Sobrino, V. Cartelle, N. Martínez-Carreño, P. Ramil-Rego, S. García-Gil

New multiproxy data obtained from the sedimentary fill of the Ría de Ferrol, NW Iberia

Data in Brief, Volume 40, February 2022, 107707

[\[Link\]](#)

SR-22-203 Svante Björck, Malin E. Kylander, Eiliv Larsen, Astrid Lyså, Marianne Christoffersen, Martin Ludvigsen, Stefan Wastegård

Nordlaguna – A unique lake basin at the foot of the Beerenberg volcano, Jan Mayen, containing partially enigmatic sediments

Quaternary Science Advances, Volume 7, July 2022, 100060

[\[Link\]](#)

SR-22-204 Johannes Hardeng, Jostein Bakke, Pierre Sabatier, Eivind Wilhelm Nagel Støren, Willem Van der Bilt

Lake sediments from southern Norway capture Holocene variations in flood seasonality

Quaternary Science Reviews, Volume 290, 15 August 2022, 107643

[\[Link\]](#)

SR-22-205 Michinobu Kuwae, Bruce P Finney, Zhiyuan Shi, Aya Sakaguchi, Narumi Tsugeki, Takayuki Omori, Tetsuro Agusa, Yoshiaki Suzuki, Yusuke Yokoyama, Hirofumi Hinata, Yoshio Hatada, Jun Inoue, Kazumi Matsuoka, Misaki Shimada, Hikaru Takahara, Shin Takahashi, Daisuke Ueno, Atsuko Amano, Jun Tsutsumi, Masanobu Yamamoto, Keiji Takemura, Keitaro Yamada, Ken Ikehara, Tsuyoshi Haraguchi, Stephen Tims, Michaela Froehlich, Leslie Keith Fifield, Takahiro Aze, Kimikazu Sasa, Tsutomu Takahashi, Masumi Matsumura, Yukinori Tani, Peter R Leavitt, Hideyuki Doi, Tomohisa Irino, Kazuyoshi Moriya, Akira Hayashida, Kotaro Hirose, Hidekazu Suzuki, Yoshiki Saito

Beppu Bay, Japan, as a candidate Global boundary Stratotype Section and Point for the Anthropocene series

The Anthropocene Review, 2023, Vol. 10(1) 49–86

[\[Link\]](#)

SR-22-206 Sadokov D.O., Sapelko T.V., Fedorov G.B.

Late-Glacial and Early Holocene history of Lake Khotavets (Mologa-Sheksna Lowland, NW Russia): a geodiversity conservation case study

Limnology and Freshwater Biology 2022 (4): 1562-1564

[\[Link\]](#)

SR-22-207 Connor Doyle, Juan Pablo Corella, Stefan Schröder, Harald Strauss, Thomas Bishop, Jonathan Yarwood, Blas Valero-Garcés

Spatio-Temporal Variations in the Geochemistry of Laguna Salada de Chiprana, NE Spain

Geosciences 2022, 12, 381

[\[Link\]](#) [\[Link\]](#)

SR-22-208 Pablo Heredia Barión, Stephen J. Roberts, Cornelia Spiegel, Steven A. Binnie, Lukas Wacker, Joanna Davies, Imogen Gabriel, Vivienne J. Jones, Simon Blockley, Emma J. Pearson, Louise Foster, Sarah J. Davies, Thomas P. Roland, Emma P. Hocking, Michael J. Bentley, Dominic A. Hodgson, Chris L. Hayward, Robert D. McCulloch, Jorge A. Strelin, Gerhard Kuhn

Holocene glacier readvances on the Fildes Peninsula, King George Island (Isla 25 de Mayo), NW Antarctic Peninsula

Earth ArXiv, <https://doi.org/10.1177/09596836231157059>

[\[Link\]](#)

SR-22-209

[\[Link\]](#)

SR-22-210 Darren N. King, Kate Clark, Catherine Chagué, Xun Li, Emily Lane, Bruce G. McFadgen, Jarom Hippolite, Peter Meihana, Billy Wilson, John Dobson, Pene Geiger, Hamuera Robb, Daniel Hikuroa, Shaun Williams, Regine Morgenstern, Finn Scheele

Tsunami or storm deposit? A late Holocene sedimentary record from Swamp Bay, Rangitoto ki te Tonga/D'Urville Island, Aotearoa – New Zealand

New Zealand Journal of Geology and Geophysics, <https://doi.org/10.1080/00288306.2022.2087692>

[\[Link\]](#)

SR-22-211 ÖZLEM MAKAROĞLU, MELDA KÜÇÜKDEMİRCİ, NURGÜL KARLIOĞLU, DURSUN ACAR, ALİ GÜREL

Holocene sedimentary history of South Danamandıra Lake: a peatland in west of Istanbul, Çatalca Peninsula, NW Turkey

Turkish Journal of Earth Sciences, Volume 31 Number 4 Article 5

[\[Link\]](#)

SR-22-212 Víctor Cartelle, Iria García-Moreiras, Natalia Martínez-Carreño, Castor Muñoz Sobrino, Soledad García-Gil

The role of antecedent morphology and changing sediment sources in the postglacial palaeogeographical evolution of an incised valley: the sedimentary record of the Ría de Arousa (NW Iberia)

Global and Planetary Change, Volume 208, January 2022, 103727

[\[Link\]](#)

SR-22-213 Cerennaz Bozyiğit, Kürşad Kadir Eriş, Marie-Alexandrine Sicre, Memet Namık Çağatay, Gülşen Uçarkuş, Vincent Klein, Luca Gasperini

Middle-late Holocene climate and hydrologic changes in the Gulf of Saros (NE Aegean Sea)

Marine Geology, Volume 443, January 2022, 106688

[\[Link\]](#)

SR-22-214 Mériel Mérimindol, Guillaume St-Onge, Nabil Sultan, Patrick Lajeunesse, Sébastien Garziglia

Earthquake-triggered submarine landslides in the St. Lawrence Estuary (Québec, Canada) during the last two millennia and the record of the major 1663 CE M >7 event

Quaternary Science Reviews 291 (2022) 107640

[\[Link\]](#)

SR-22-215

[\[Link\]](#)

SR-22-216 L.A. Morgan, W.C.P. Shanks, K.L. Pierce, N. Iverson, C.M. Schiller, S.R. Brown, P. Zahajska, R. Cartier, R.W. Cash, J.L. Best, C. Whitlock, S. Fritz, W. Benzel, H. Lowers, D.A. Loyalvo, J.M. Licciardi

The dynamic floor of Yellowstone Lake, Wyoming, USA: The last 14 k.y. of hydrothermal explosions, venting, doming, and faulting

GSA Bulletin, Volume 135, Number 3-4

[\[Link\]](#)

SR-22-217 Christopher J. Shea, Byron A. Steinman, Erik T. Brown, Kathryn M. Schreiner

A multi-proxy lake-sediment record of middle through late Holocene hydroclimate change in southern British Columbia, Canada

Journal of Paleolimnology volume 67, pages163–182 (2022)

[\[Link\]](#)

- SR-22-218** Antony G. Brown, Thierry Fonville, Maarten van Hardenbroek, Graeme Cavers, Anne Crone, Finbar McCormick, Emily Murray, Helen Mackay, Nicki J. Whitehouse, Andrew C.G. Henderson, Phil Barratt, Kim Davies, Katie Head, Peter Langdon, Inger G. Alsos, Duncan Pirrie
New integrated molecular approaches for investigating lake settlements in north-western Europe
Antiquity 2022 Vol. 96 (389): 1179–1199 [\[Link\]](#)
- SR-22-219** Kai Nils Nitzsche, Andreas Kleeberg, Carsten Hoffmann, Christoph Merz, Katrin Premke, Arthur Gessler, Michael Sommer, Zachary E. Kayler
Kettle holes reflect the biogeochemical characteristics of their catchment area and the intensity of the element-specific input
Journal of Soils and Sediments volume 22, pages994–1009 (2022) [\[Link\]](#)
- SR-22-220** P. Harding, C. Martin-Puertas, J. Sjolte, A. A. Walsh, R. Tjallingii, C. Langdon, S. P. E. Blockley, A. Brauer, P. Langdon, A. M. Milner, R. Muscheler, M. Perez
Wind regime changes in the Euro-Atlantic region driven by Late-Holocene Grand Solar Minima
Climate Dynamics volume 60, pages1947–1961 (2023) [\[Link\]](#) [\[Link\]](#)
- SR-22-221** Ting Li, Christopher M. Wurster, Jordahna Haig, Youping Zhou, Costijn Zwart, Junli Ren, Rainy Comley, Niels C. Munksgaard, Patricia S. Gadd, Michael I. Bird
Environmental change inferred from multiple proxies from an 18 cal ka BP sediment record, Lake Barrine, NE Australia
Quaternary Science Reviews, Volume 294, 15 October 2022, 107751 [\[Link\]](#)
- SR-22-222** Xavier Benito, Blas Benito, Maria I Velez, Jorge Salgado, Tobias Schneider, Liviu Giosan, Majoi Nascimiento
Human practices behind the aquatic and terrestrial ecological decoupling to climate change in the tropical Andes
Science of The Total Environment, Volume 826, 20 June 2022, 154115 [\[Link\]](#)[\[Link\]](#)
- SR-22-223** R. Timothy Patterson, Nawaf A. Nasser, Eduard G. Reinhardt, Calder W. Patterson, Braden R. B. Gregory, Veronica Mazzella, Helen M. Roe, Jennifer M. Galloway
End-Member Mixing Analysis as a Tool for the Detection of Major Storms in Lake Sediment Records
Paleoceanography and Paleoclimatology, Volume37, Issue11, November 2022, e2022PA004510 [\[Link\]](#)
- SR-22-224** Gabriel Tagliaro, Craig S. Fulthorpe, David K. Watkins, David De Vleeschouwer, Hans Brumsack, Kara Bogus, Luc L. Lavier
Late Miocene-Pliocene Vigorous Deep-Sea Circulation in the Southeast Indian Ocean: Paleoceanographic and Tectonic Implications
Paleoceanography and Paleoclimatology, Volume37, Issue1, January 2022, e2021PA004303 [\[Link\]](#)
- SR-22-225** Leonie Peti, Jenni L. Hopkins, Paul C. Augustinus
Revised tephrochronology for key tephras in the 130-ka Ōrākei Basin maar core, Auckland Volcanic Field, New Zealand: implications for the timing of climatic changes
New Zealand Journal of Geology and Geophysics, 64:2-3, 235-249 [\[Link\]](#)
- SR-22-226** [\[Link\]](#)
- SR-22-227** Valentin Nigg, Paola Bacigaluppi, David Florian Vetsch, Hendrik Vogel, Katrina Kremer, Flavio Anselmetti
Offshore Tsunami Deposits: Evidence from Sediment Cores and Numerical Wave Propagation of the 1601 CE Lake Lucerne Event
Authorea. March 04, 2021 [\[Link\]](#)
- SR-22-228** Hiroyuki Takata, Jin Hyung Cho, Jeongwon Kang, Hirofumi Asahi, Hyoun Soo Lim, Yu-Hyeon Park, Sangmin Hyun
Biotic responses of deep-sea benthic foraminifera in the equatorial Indian Ocean during the Quaternary: Influence of the ballasting effect on organic matter by calcareous plankton skeletons
Palaeogeography, Palaeoclimatology, Palaeoecology 585 (2022) 110724 [\[Link\]](#)
- SR-22-229** Ana Prohaska, Alistair W.R. Seddon, Oliver Rach, Andrew Smith, Dirk Sachse, Katherine J. Willis
Long-Term Ecological Responses of a Dipterocarp Forest to Climate Changes and Nutrient Availability
bioRxiv, doi: <https://doi.org/10.1101/2022.12.04.518039> [\[Link\]](#)
- SR-22-230** Yoshiaki Suzuki, Michinobu Kuwae, Toshiki Matsuura, Kazuyoshi Moriya
Is Beppu Bay sediment annual varve: Investigation of the lamination process based on multi-year observations of surface sediment and diatom assemblage.
GSI, AIST, 2. Ehime Univ., 3. Waseda Univ [\[Link\]](#)
- SR-22-231** Çetin ŞENKUL, Yunus BOZKURT, Yasemin ÜNLÜ
In the light of fossil pollen and geochemical (μ -XRF) analysis paleovegetation and paleoclimate of Yelten Marsh (Antalya-Korkuteli-Türkiye) and its surroundings for the last 2100 years
Türk Coğrafya Dergisi 81 (2022) 141-156 [\[Link\]](#)
- SR-22-232** Michinobu Kuwae, Narumi K. Tsugeki, Atsuko Amano, Tetsuro Agusa, Yoshiaki Suzuki, Jun Tsutsumi, Peter R. Leavitt, Kotaro Hirose
Human-induced marine degradation in anoxic coastal sediments of Beppu Bay, Japan, as an Anthropocene marker in East Asia
Anthropocene, Volume 37, March 2022, 100318 [\[Link\]](#)

- SR-22-233 Norman Toro, Edelmira Gálvez, Manuel Saldaña, Ricardo I. Jeldres**
Submarine mineral resources: A potential solution to political conflicts and global warming
Minerals Engineering, Volume 179, 30 March 2022, 107441 [\[Link\]](#)
- SR-22-234 Daisuke Ishimura, Takashi Ishizawa, Masaki Yamada, Kaori Aoki, Kai Sato**
Washover deposits related to tsunami and storm surge along the north coast of the Shimokita Peninsula in northern Japan
Progress in Earth and Planetary Science (2022) 9:69 [\[Link\]](#)
- SR-22-235 Yu-Hsuan Liou, Ludvig Löwemark, Pei-Ling Wang, Shahin Dashtgard**
Geochemical signatures of sedimentary and diagenetic processes in the trace fossil *Rosselia* from the Pliocene in Taiwan
Scientific Reports volume 12, Article number: 22316 (2022) [\[Link\]](#)
- SR-22-236** [\[Link\]](#)
- SR-22-237 Verena Foerster, Asfawossen Asrat, Christopher Bronk Ramsey, Erik T. Brown, Melissa S. Chapot, Alan Deino, Walter Duesing, Matthew Grove, Annette Hahn, Annett Junginger, Stefanie Kaboth-Bahr, Christine S. Lane, Stephan Opitz, Anders Noren, Helen M. Roberts, Mona Stockhecke, Ralph Tiedemann, Céline M. Vidal, Ralf Vogelsang, Andrew S. Cohen, Henry F. Lamb, Frank Schaebitz, Martin H. Trauth**
Pleistocene climate variability in eastern Africa influenced hominin evolution
Nature Geoscience volume 15, pages805–811 (2022) [\[Link\]](#)
- SR-22-238 Christoph Daxer, Jyh-Jaan Steven Huang, Stefan Weginger, Michael Hilbe, Michael Strasser, Jasper Moernaut**
Validation of seismic hazard curves using a calibrated 14 ka lacustrine record in the Eastern Alps, Austria
Scientific Reports volume 12, Article number: 19943 (2022) [\[Link\]](#)
- SR-22-239 An-Sheng Lee, Weng-Si Chao, Sofia Ya Hsuan Liou, Ralf Tiedemann, Bernd Zolitschka, Lester Lembke-Jene**
Quantifying calcium carbonate and organic carbon content in marine sediments from XRF-scanning spectra with a machine learning approach
Scientific Reports volume 12, Article number: 20860 (2022) [\[Link\]](#)
- SR-22-240 Hitoshi Hasegawa, Nagayoshi Katsuta, Yasushi Muraki, Ulrich Heimhofer, Niiden Ichinnorov, Hirofumi Asahi, Hisao Ando, Koshi Yamamoto, Masafumi Murayama, Tohru Ohta, Masanobu Yamamoto, Masayuki Ikeda, Kohki Ishikawa, Ryusei Kuma, Takashi Hasegawa, Noriko Hasebe, Shoji Nishimoto, Koichi Yamaguchi, Fumio Abe, Ryuji Tada, Takeshi Nakagawa**
Decadal–centennial-scale solar-linked climate variations and millennial-scale internal oscillations during the Early Cretaceous
Scientific Reports volume 12, Article number: 21894 (2022) [\[Link\]](#)
- SR-22-241 An-Sheng Lee, Dirk Enters, Jyh-Jaan Steven Huang, Sofia Ya Hsuan Liou, Bernd Zolitschka**
An automatic sediment-facies classification approach using machine learning and feature engineering
Communications Earth & Environment volume 3, Article number: 294 (2022) [\[Link\]](#)
- SR-22-242 Finn Sufke, Stefanie Kaboth-Bahr, Kuo-Yen Wei, Chih-Kai Chuang, Marcus Gutjahr, Jörg Pross, Oliver Friedrich**
Intensification of Asian dust storms during the Mid-Pliocene Warm Period (3.25e2.96 Ma) documented in a sediment core from the South China Sea
Quaternary Science Reviews 292 (2022) 107669 [\[Link\]](#)
- SR-22-243 Rebecca Jackson, Nanna Andreassen, Mimmi Oksman, Thorbjørn J. Andersen, Christof Pearce, Marit-Solveig Seidenkrantz, Sofia Ribeiro**
Marine conditions and development of the Sirius Water polynya on the North-East Greenland shelf during the Younger Dryas-Holocene
Quaternary Science Reviews, Volume 291, 1 September 2022, 107647 [\[Link\]](#)
- SR-22-244 C Doyle, S Schröder, JP Corella, B Valero Garces**
Facies variability and depositional settings of Laguna Salada de Chiprana, an Iberian hypersaline lake
Sedimentology, Volume69, Issue6, October 2022, Pages 2615-2641 [\[Link\]](#)
- SR-22-245 Junghyung Ryu, Kam-biu Liu, Terrence A. McCloskey**
Temporal variability in the relative strength of external drivers controlling ecosystem succession in a coastal wetland near Bayou Lafourche, southeast Louisiana, USA
Quaternary Science Reviews 276 (2022) 107292 [\[Link\]](#) [\[Link\]](#)
- SR-22-246 Yangbo Lu, Fang Hao, Jun Shen, Yongchao Lu, Huyue Song, Yuxuan Wang, Qiyang Gou**
High-resolution volcanism-induced oceanic environmental change and its impact on organic matter accumulation in the Late Ordovician Upper Yangtze Sea
Marine and Petroleum Geology, Volume 136, February 2022, 105482 [\[Link\]](#)
- SR-22-247 Jenni E. Sherriff, Keith N. Wilkinson, Poppy Harding, Hayley Hawkins, Rhys G. O. Timms, Daniel S. Adler, Emily J. Beverly, Simon P. E. Blockley, Boris Gasparyan, Christina J. Manning, Darren Mark, Samvel Nahapetyan, Katie J. Preece**
Middle Pleistocene environments, landscapes and tephrostratigraphy of the Armenian Highlands: evidence from Bird Farm 1, Hrazdan Valley
Journal of Quaternary Science, Volume37, Issue1, January 2022, Pages 6-27 [\[Link\]](#)

- SR-22-248 Charlie L. Rex, Richard A. Staff, David C.W. Sanderson, Alan J. Cresswell, Michael H. Marshall, Masayuki Hyodo, Daishi Horiuchi, Ryuji Tada, Takeshi Nakagawa**
Controls on luminescence signals in lake sediment cores: A study from Lake Suigetsu, Japan
Quaternary Geochronology 71 (2022) 101319 [\[Link\]](#)
- SR-22-249 Sunghan Kim, Min Kyung Lee, Ji Young Shin, Kyu-Cheul Yoo, Jae Il Lee, Myung-Il Kang, Heung Soo Moon, Joseph G. Prebble**
Variation in magnetic susceptibility in the Bellingshausen Sea continental rise since the last glacial period and implications for terrigenous material input mechanisms
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 594, 15 May 2022, 110948 [\[Link\]](#)
- SR-22-250 Zhe Sun, Kejia Ji, Xiaohuan Hou, Kan Yuan, Can-Ge Li, Juzhi Hou**
Changes in atmospheric circulation and glacier melting since the last deglaciation revealed by a lacustrine δD record at Ngamring Co, the upper-middle Yarlung Tsangpo watershed
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 598, 15 July 2022, 111027 [\[Link\]](#)
- SR-22-251 Xiang Li, Yongjian Huang, Zhifeng Zhang, Chengshan Wang**
Chemical weathering characteristics of the Late Cretaceous Nenjiang Formation from the Songliao Basin (Northeastern China) reveal prominent Milankovitch band variations
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 601, 1 September 2022, 111130 [\[Link\]](#)
- SR-22-252 Sunghan Kim, Robert M. McKay, Jae Il Lee, Kyu-Cheul Yoo, Min Kyung Lee, Heung Soo Moon**
Bioturbation supplying young carbon into West Antarctic continental margin sediment
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 602, 15 September 2022, 111161 [\[Link\]](#)
- SR-22-253 Brendan M. Llew-Williams, Francine M.G. McCarthy, Andrea M. Krueger, Nicholas L. Riddick, Michael MacKinnon, Krysten M. Lafond, R. Timothy Patterson, Nawaf A. Nasser, Martin J. Head, Michael Pisaric, Kevin Turner, Joseph I. Boyce, Uwe Brand**
Varve formation in meromictic Crawford Lake, Ontario, Canada: important process for characterizing the Anthropocene epoch
J of Paleolimnology, <https://doi.org/10.21203/rs.3.rs-2281480/v1> [\[Link\]](#)
- SR-22-254 Çetin Şenkul, Yunus Bozkurt, Yasemin Ünlü**
Fosil polen ve jeokimyasal (μ -xrf) analizler ışığında Yelten Sazlığı (Antalya- Korkuteli-Türkiye) ve çevresinin son 2.100 yıllık paleovejetasyon ve paleoklimi
Turkish Geographical Review, <https://doi.org/10.17211/tcd.1158654> [\[Link\]](#)
- SR-22-255 DEMET BİLTEKİN, GEORG SCHWAMBORN, KÜRŞAD KADİR ERİŞ, DURSUN ACAR, BİKEM EKBERZADE, ZAHRA HASHEMİ, NURETTİN YAKUPOĞLU, ALİ MOHAMMADİ, ÖMER YETEMEN**
A history of Pistacia lentiscus and Pinus brutia trees and their ecological changes in the Güllük Bay (Muğla, SW Turkey) during the last 400 years
Turkish Journal of Earth Sciences > Vol. 31 (2022) > No. 5 [\[Link\]](#)
- SR-22-256 Daniel Hesjedal Wiberg, Hafliði Hafliðason, Jan Sverre Laberg**
An updated Weichselian chronostratigraphic framework of the Kongsfjorden Trough Mouth Fan and its implications for the glacial history of Svalbard
Boreas, Volume 51, Issue 3, July 2022, Pages 667-683 [\[Link\]](#)
- SR-22-257 Teuntje P. Hollaar, Stephen P. Hesselbo, Jean-François Deconinck, Magret Damaschke, Clemens V. Ullmann, Mengjie Jiang, Claire M. Belcher**
Environmental changes during the onset of the Late Pliensbachian Event (Early Jurassic) in the Mochras Borehole, Cardigan Bay Basin, NW Wales.
Climate of the Past, <https://doi.org/10.5194/cp-2022-87> [\[Link\]](#)
- SR-22-258 Jan M. Strugnell, Helen V. McGregor, Nerida G. Wilson, Karina T. Meredith, Steven L. Chown, Sally C. Y. Lau, Sharon A. Robinson, Krystyna M. Saunders**
Emerging biological archives can reveal ecological and climatic change in Antarctica
Glob Change Biol. 2022;28:6483–6508. [\[Link\]](#)
- SR-22-259** [\[Link\]](#)
- SR-22-260** [\[Link\]](#)
- SR-22-261** [\[Link\]](#)
- SR-22-262** [\[Link\]](#)
- SR-22-263 XIANG Chaosheng, WANG Yong, WANG Junbo, MA Qingfeng, WANG Shihang**
Environmental changes recorded by multiproxy of lake sediments in the high-altitude and arid area: A case of Lake Aksayqin
Arid Land Geography, vol 45, no 2, Mar. 2022 [\[Link\]](#)

- SR-23-001 Alexandre Baud, Pierre Francus, John P. Smol, Dermot Antoniades, Irene Gregory-Eaves**
Geochemical changes in Eastern Canadian lake sediment cores spanning the last ~150 years highlight a relative shift towards increased metals and erosive materials
CATENA, Volume 225, 15 May 2023, 107012 [\[Link\]](#)
- SR-23-002 Stacey M. Trevathan-Tackett, Damien L. Callahan, Rod M. Connolly, Peter I. Macreadie**
Dual indicators link geochemistry to microbiota in blue carbon soils
Estuarine, Coastal and Shelf Science, Volume 285, 31 May 2023, 108307 [\[Link\]](#)
- SR-23-003 Karthik Gopi, Debashish Mazumder, Jagoda Crawford, Patricia Gadd, Carol V. Tadros, Armand Atanacio, Neil Saintilan, Jesmond Sammut**
Developing a MySQL Database for the Provenance of Black Tiger Prawns (*Penaeus monodon*)
Foods 2023, 12, 2677 [\[Link\]](#)
- SR-23-004 Rodrigo Martínez-Abarca, Michelle Abstein, Frederik Schenk, David Hodell, Philipp Hoelzmann, Mark Brenner, Steffen Kutterolf, Sergio Cohuo, Laura Macario-González, Mona Stockhecke, Jason Curtis, Flavio S. Anselmetti, Daniel Ariztegui, Thomas Guilderson, Alexander Correa-Metrio, Thorsten Bauersachs, Liseth Pérez, Antje Schwalb**
Millennial hydrological variability in the continental northern Neotropics during MIS3-2 (59-15 cal ka BP) inferred from sediments of Lake Petén Itzá, Guatemala
Clim. Past, 19, 1409–1434, 2023, <https://doi.org/10.5194/cp-19-1409-2023> [\[Link\]](#)
EGU Copernicus 2022 [\[Link\]](#)
- SR-23-005 Shuta SATO, Takeshi KOMAI, Kengo NAKAMURA, Noriaki WATANABE**
Machine Learning-based Geochemical Discrimination Method for Tsunami Deposits and a Simple Determination System
Journal of Geography (Chigaku Zasshi) , 132 (5) 385-402 2023 [\[Link\]](#)
- SR-23-006 Jamie Tamhane, Zoë A. Thomas, Haidee Cadd, Matthew R.P. Harris, Chris Turney, Christopher E. Marjo, Huixin Wang, Rabeya Akter, Panayiotis Panaretos, Amalia Halim, Patricia S. Gadd, Stefanie Carter, Paul Brickle**
Mid-Holocene intensification of Southern Hemisphere westerly winds and implications for regional climate dynamics
Quaternary Science Reviews, Volume 305, 1 April 2023, 108007 [\[Link\]](#)
- SR-23-007 Emily M. Lane, Kristie-Lee Thomas, Darren N. King, Shaun Williams, Jose Borrero, William Power, Aditya Gusman**
Five years after the 14 November 2016 Kaikōura Tsunami in Aotearoa-New Zealand: insights from recent research
New Zealand Journal of Geology and Geophysics, 66(2), 147–161 [\[Link\]](#)
- SR-23-008 Linda Heerey, John J. O'Sullivan, Michael Bruen, Jonathan Turner, Anne Marie Mahon, Sinéad Murphy, Heather T. Lally, James D. O'Connor, Ian O'Connor, Róisín Nash**
Export pathways of biosolid derived microplastics in soil systems – Findings from a temperate maritime climate
Science of The Total Environment, Volume 888, 25 August 2023, 164028 [\[Link\]](#)
- SR-23-009 Niels J. Korsgaard, Kristian Svennevig, Anne S. Søndergaard, Gregor Luetzenburg, Mimmi Oksman, Nicolaj K. Larsen**
Giant mid-Holocene landslide-generated tsunamis recorded in lake sediments from Saqqaq, West Greenland
Nat. Hazards Earth Syst. Sci. Discuss. [preprint], <https://doi.org/10.5194/nhess-2023-32>, in review, 2023 [\[Link\]](#)
- SR-23-010 Nichola A. Strandberg, Mary Edwards, Joanna C. Ellison, Manuel J. Steinbauer, Anna Walentowitz, Patricia L. Fall, David Sear, Peter Langdon, Shane Cronin, Alvaro Castilla-Beltrán, Ian W. Croudace, Matiu Prebble, William D. Gosling, Sandra Nogué**
Influences of sea level changes and volcanic eruptions on Holocene vegetation in Tonga
Biotropica, Volume 55, Issue 4, July 2023, Pages 816-827 [\[Link\]](#)
- SR-23-011 Alice R. Paine, Isabel M. Fendley, Joost Frieling, Tamsin A. Mather, Jack H. Lacey, Bernd Wagner, Stuart A. Robinson, David M. Pyle, Alexander Francke, Theodore R. Them II, Konstantinos Panagiotopoulos**
Mercury records covering the past 90 kyr from lakes Prespa and Ohrid, SE Europe
egosphere-2023-1363 [\[Link\]](#)
- SR-23-012 Sandra Garcés-Pastor, William J. Fletcher, Peter A. Ryan**
Ecological impacts of the industrial revolution in a lowland raised peat bog near Manchester, NW England
<https://onlinelibrary.wiley.com/doi/pdf/10.1002/ece3.9807> [\[Link\]](#)
- SR-23-013 Francois Lapointe, Michael Retelle, Raymond S. Bradley, Wesley R. Farnsworth, Eivind Støren, Timothy Cook, Josiane Rosario**
Multi-proxy evidence of unprecedented hydroclimatic change in a high Arctic proglacial lake: Linnévatnet, Svalbard
ARCTIC, ANTARCTIC, AND ALPINE RESEARCH, 2023, VOL. 55, NO. 1, 2223403 [\[Link\]](#)
- SR-23-014 Stephen Himson, Mark Williams, Jan Zalasiewicz, Colin N Waters, Mary McGann, Richard England, Bruce E Jaffe, Arnoud Boom, Rachael Holmes, Sue Sampson, Cerin Pye, Juan Carlos Berrio, Genevieve Tyrrell, Ian P Wilkinson, Neil Rose, Pawel Gaca, Andrew Cundy**
The San Francisco Estuary, USA as a reference section for the Anthropocene series
The Anthropocene Review, 2023, Vol. 10(1) 87–115 [\[Link\]](#)

- SR-23-015 Graham R. Mushet, Graham R. Mushet, Eduard G. Reinhardt, Brian F. Cumming**
The importance of effective moisture and landscape controls on diatom assemblages and primary production in Roche Lake, British Columbia, Canada over the past ca. 1800 years
Quaternary Research (2023), 111, 53–67 [\[Link\]](#)
- SR-23-016 Francine MG McCarthy, R. Timothy Patterson, Martin J Head, Nicholas L Riddick, Brian F Cumming, Paul B Hamilton, Michael FJ Pisaric, A. Cale Gushulak, Peter R Leavitt, Krysten M Lafond, Brendan Llew-Williams, Matthew Marshall, Autumn Heyde, Paul M Pilkington, Joshua Moraal, Joseph I Boyce, Nawaf A Nasser, Carling Walsh, Monica Garvie, Sarah Roberts, Neil L Rose, Andy B Cundy, Pawel Gaca, Andy Milton, Irka Hajdas, Carley A Crann, Arnoud Boom, Sarah A Finkelstein, John H McAndrews, other members of Team Crawford**
The varved succession of Crawford Lake, Milton, Ontario, Canada as a candidate Global boundary Stratotype Section and Point for the Anthropocene series
The Anthropocene Review, 2023, Vol. 10(1) 146–176 [\[Link\]](#)
- SR-23-017 Maria Rivera-Araya, Cassandra Rowe, Sean Ulm, Michael I. Bird**
A 33,000-year paleohydrological record from Sanamere Lagoon, north-eastern tropical savannas of Australia
Quaternary Research (2023), 113, 146–161 [\[Link\]](#)
- SR-23-018 Christina L. Davis, Ryan A. Venturelli, Alexander B. Michaud, Jon R. Hawkings, Amanda M. Achberger, Trista J. Vick-Majors, Brad E. Rosenheim, John E. Dore, August Steigmeyer, Mark L. Skidmore, Joel D. Barker, Liane G. Benning, Matthew R. Siegfried, John C. Priscu, Brent C. Christner, the SALSA Science Team**
Biogeochemical and historical drivers of microbial community composition and structure in sediments from Mercer Subglacial Lake, West Antarctica
ISME COMMUN. 3, 8 (2023). <https://doi.org/10.1038/s43705-023-00216-w> [\[Link\]](#)
- SR-23-019 L. C. Orme, E. M. Lind, T. M. Holm, S. E. Kjellman, K. A. Koinig, A. Hormes, G. C. Rosqvist, M. Ruppel, D. V. Divine, K. Husum, A. Miettinen, E. Isaksson**
Climatic impacts on an Arctic lake since 1300 AD: a multi-proxy lake sediment reconstruction from Prins Karls Forland, Svalbard
Journal of Paleolimnology volume 69, pages249–266 (2023) [\[Link\]](#)
- SR-23-020 Jérôme Kaiser, Serena Abel, Helge W Arz, Andrew B Cundy, Olaf Dellwig, Pawel Gaca, Gunnar Gerdts, Irka Hajdas, Matthias Labrenz, James A Milton, Matthias Moros, Sebastian Pimpke, Sarah L Roberts, Neil L Rose, Simon D Turner, Maren Voss, Juliana A Ivar do Sul**
The East Gotland Basin (Baltic Sea) as a candidate Global boundary Stratotype Section and Point for the Anthropocene series
The Anthropocene Review, 2023, Vol. 10(1) 25–48 [\[Link\]](#)
- SR-23-021 John-Mark Woolley, Andrew Lorrey, Paul Augustinus, Patricia S. Gadd**
The potential for palaeoseismic and palaeoclimatic reconstructions from Lake Tennyson, North Canterbury, New Zealand
NEW ZEALAND JOURNAL OF GEOLOGY AND GEOPHYSICS, <https://doi.org/10.1080/00288306.2023.2209329> [\[Link\]](#)
- SR-23-022 Werner Ehrmann, Paul A. Wilson, Helge W. Arz, Hartmut Schulz, Gerhard Schmiedl**
Monsoon-driven changes in aeolian and fluvial sediment input to the central Red Sea recorded throughout the last 200,000 years
Clim. Past Discuss. [preprint], <https://doi.org/10.5194/cp-2023-33>, in review, 2023
Clim. Past Discuss. [preprint], cp-2024-81, <https://doi.org/10.5194/cp-2024-81> [\[Link\]](#)
- SR-23-023 Matthew Adesanya Adeleye, Simon Graeme Haberle, Felicitas Hopf, Stephen Harris, David Burch McWethy**
Insights into the indigenous-managed landscape in southeast Australia during the Holocene
Vegetation History and Archaeobotany volume 32, pages419–427 (2023) [\[Link\]](#)
- SR-23-024 HUANG Ping-An, WANG Xia-Qing, TANG Xiang-Ling, WANG Yu-Tang, LI Wei, LUO Zeng, Lyu Fei-Ya**
Research progress in the influencing factors and correction methods of XRF-CS
物探与化探, 2023, 47(3): 726-738 doi: 10.11720/wtyht.2023.1281 [\[Link\]](#)
- SR-23-025 J.K. Sjöström, A. Martínez Cortizas, A. Nylund, A. Hardman, J. Kaal, R.H. Smittenberg, J. Risberg, D. Schillereff, E. Norström**
Complex evolution of Holocene hydroclimate, fire and vegetation revealed by molecular, minerogenic and biogenic proxies, Marais Geluk wetland, eastern Free State, South Africa
Quaternary Science Reviews, Volume 314, 15 August 2023, 108216 [\[Link\]](#)
- SR-23-026 Andreas Koutsodendris, Achim Brauer, Oliver Friedrich, Rik Tjallingii, Victoria Putyrskaya, Barbara Hennrich, Robert Kühn, Eckehard Klemt, Jörg Pross**
Natural and human-induced ecosystem change in SE Europe since AD 1700 derived from a partially varved sediment record from Lake Vouliagmeni (Greece)
The Holocene, 1–14, <https://doi.org/10.1594/PANGAEA.963252> (2024) [\[Link\]](#)

- SR-23-027 Rodrigo Martínez-Abarca, Michelle Abstein, Frederik Schenk, David Hodell, Philipp Hoelzmann, Mark Brenner, Steffen Kutterolf, Sergio Cohuo, Laura Macario-González, Mona Stockhecke, Jason Curtis, Flavio S. Anselmetti, Daniel Ariztegui, Thomas Guilderson, Alexander Correa-Metrio, Thorsten Bauersachs, Liseth Pérez, Antje Schwalb**
Millennial hydrological variability in the continental northern Neotropics during Marine Isotope Stages (MISs) 3–2 (59–15 cal ka BP) inferred from sediments of Lake Petén Itzá, Guatemala
Clim. Past, 19, 1409–1434, 2023, <https://doi.org/10.5194/cp-19-1409-2023> [\[Link\]](#)
- SR-23-028 Marie-Luise Adolph, Mirko Dreßler, Veerle Troelstra, Claudia Wrozyna, Torsten Haberzettl**
Eutrophication and contamination dynamics of Schweriner See, NE-Germany, during the past 670 years – A multi-proxy approach on lacustrine surface sediments and sediment cores
Science of The Total Environment, Volume 877, 15 June 2023, 162745 [\[Link\]](#)
- SR-23-029 Eirik G. Ballo, Manon Bajard, Eivind Støren, Jostein Bakke**
Using microcomputed tomography (μ CT) to count varves in lake sediment sequences: Application to Lake Sagtjernet, Eastern Norway
Quaternary Geochronology, Volume 75, April 2023, 101432 [\[Link\]](#)
- SR-23-030 Édouard G. H. Philippe, Guillaume St-Onge, Jean-Pierre Valet, Pierre-Marc Godbout, Ramon Egli, Pierre Francus, Martin Roy**
Influence of Seasonal Post-Depositional Processes on the Remanent Magnetization in Varved Sediments From Glacial Lake Ojibway (Canada)
Geochemistry, Geophysics, Geosystems, 24, e2022GC010707. [\[Link\]](#)
- SR-23-031 M. Shapley, G. D. Thackray, E. Johnson, B. Finney**
Lacustrine evidence reveals spatially and temporally distinct Holocene ruptures on the Sawtooth Fault, Central Idaho, USA
JOURNAL OF QUATERNARY SCIENCE (2023) 1–16 [\[Link\]](#)
- SR-23-032 Yuanyu Cheng, Alexandre Baud, Irene Gregory-Eaves, Brigitte Simmatis, John P. Smol, Katherine Griffiths**
Climate change and nutrient enrichment altering sedimentary diatom assemblages since pre-industrial time: evidence from Canada's most populated ecozone
Journal of Paleolimnology volume 69, pages57–75 (2023) [\[Link\]](#)
- SR-23-033 Adeline Marie Dutrieux, Anna Lichtschlag, Fernando J. A. S. Barriga, Sofia Martins, Jelena Milinovic, Bramley J. Murton**
Metal Preservation and Mobilization in Sediments at the TAG Hydrothermal Field, Mid-Atlantic Ridge
Geochemistry, Geophysics, Geosystems, 24, e2023GC010879 [\[Link\]](#)
- SR-23-034 Zhengfu Zhao, Xiongqi Pang, Caineng Zou, Alexander J. Dickson, Anirban Basu, Zhaojie Guo, Songqi Pan, Arne T. Nielsen, Niels H. Schovsbo, Zhenhua Jing, Tais W. Dahl**
Dynamic oceanic redox conditions across the late Cambrian SPICE event constrained by molybdenum and uranium isotopes
Earth and Planetary Science Letters, Volume 604, 15 February 2023, 118013 [\[Link\]](#)
- SR-23-035 Linda Armbrecht, Amaranta Focardi, Kelly-Anne Lawler, Phil O'Brien, Amy Leventer, Taryn L. Noble, Bradley Opdyke, Meghan Duffy, Dimitris Evangelinos, Simon C. George, Jan Lieser, Adrián López-Quiros, Alix Post, Martin Ostrowski, Ian Paulsen, Leanne Armand**
From the Surface Ocean to the Seafloor: Linking Modern and Paleo-Genetics at the Sabrina Coast, East Antarctica (IN2017_V01)
Journal of Geophysical Research: Biogeosciences, 128, e2022JG007252 [\[Link\]](#)
- SR-23-036 Sunghan Kim, Young-Suk Bak, Joseph G. Prebble, Myung-Il Kang, Sookwan Kim, Jinku Park, Min Kyung Lee, Jae Il Lee, Kyu-Cheul Yoo, Heung Soo Moon**
Glacial-interglacial changes in oceanic conditions and depositional process in the continental rise in response to ice sheet (shelf) variation in Bellingshausen Sea, Antarctica
Front. Mar. Sci. 10:1183516. doi: 10.3389/fmars.2023.1183516 [\[Link\]](#)
- SR-23-037 Tian-Yu Xu, Jun Peng, Le-Dan Yu, Hao-Dong Han, Yi-Ming Yang, Yao Zeng, Yu-Bin Wang**
The control of astronomical cycles on lacustrine fine-grained event Sedimentation—A case study of the Chunshang sub-member of the upper Es4 in the Dongying Sag
Petroleum Science, Volume 20, Issue 3, June 2023, Pages 1395-1410 [\[Link\]](#)
- SR-23-038 Kiichiro Kawamura, Kazumasa Oguri, Mutsuo Inoue, Kan-Hsi Hsiung, Taishi Kudaka, Ken Takai**
Ongoing Persistent Slope Failures at the Toe of a Giant Submarine Slide in the Ryukyu Trench that Generated the AD 1771 Meiwa Tsunami
Progress in Landslide Research and Technology, Volume 1 Issue 2, 2022 [\[Link\]](#)
- SR-23-039 MARAŞLIOĞLU, F.– SOYLU, E. N.– AVŞAR, U. – HUBERT-FERRARI, A**
A PALEOLIMNOLOGICAL APPROACH TO UNDERSTAND REGIME-SHIFT DYNAMICS IN LADIK LAKE (NORTH TURKEY)
APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH 21(1):637-650. [\[Link\]](#)
- SR-23-040 Jaesoo Lim, Youngeun Kim, Sujeong Park, Ung San Ahn**
Testing heavy rainfall change in Jeju Island, Korea and its linkage to typhoon activity over East Asia during the Holocene
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 627, 1 October 2023, 111715 [\[Link\]](#)

- SR-23-041 Tomás Riquelme-Buitano, Patricio F Ojeda González, Pablo J Donoso**
Comparing growth of *Nothofagus alpina* and *Nothofagus obliqua* in pure and mixed plantations in the intermediate depression of the Los Ríos Region, Chile
BOSQUE 44(1): 263-272, 2023 [\[Link\]](#)
Bosque (Valdivia) vol.44 no.1 Valdivia abr. 2023 [\[Link\]](#)
- SR-23-042 Henrik Løseth Jansen, Svein Olaf Dahl, Henriette Linge, Jostein Bakke, Pål Ringkjøb Nielsen, Bjørn Christian Kvisvik**
Palaeoclimatic and regional implications of Older Dryas and Younger Dryas local glacier activity in the low-Arctic valley Finnkongdalen, Andøya, northern Norway
Boreas, Vol. 52, pp. 168–193. [\[Link\]](#)
- SR-23-043 Alex Vinicio Gavilanes Montoya, Danny Daniel Castillo Vizuete, Marina Viorela Marcu**
Exploring the Role of ICTs and Communication Flows in the Forest Sector
Sustainability 2023, 15, 10973 [\[Link\]](#)
- SR-23-044 Markus Czymzik, Rik Tjallingii, Birgit Plessen, Peter Feldens, Martin Theuerkauf, Matthias Moros, Markus J. Schwab, Carla K. M. Nantke, Silvia Pinkerneil, Achim Brauer, Helge W. Arz**
Mid-Holocene reinforcement of North Atlantic atmospheric circulation variability from a western Baltic lake sediment record
Clim. Past, 19, 233–248, 2023 [\[Link\]](#)
- SR-23-045 Dhanushka Devendra, Magdalena Łacka, Natalia Szymańska, Małgorzata Szymczak-Żyła, Magdalena Krajewska, Agnes K. M. Weiner, Stijn De Schepper, Margit Hildegard Simon, Marek Zajaczkowski**
The Development of Ocean Currents and the Response of the Cryosphere on the Southwest Svalbard Shelf Over the Holocene
SSRN: <https://ssrn.com/abstract=4400855> or <http://dx.doi.org/10.2139/ssrn.4400855>, [\[Link\]](#)
- SR-23-046 Jonathan Obrist-Farner, Byron A. Steinman, Nathan D. Stansell, Jeremy Maurer**
Incoherency in Central American Hydroclimate Proxy Records Spanning the Last Millennium
Paleoceanography and Paleoclimatology, Volume38, Issue3, March 2023 [\[Link\]](#)
- SR-23-047 Lukas Gegg, Flavio S. Anselmetti, Gaudenz Deplazes, Maria Knipping, Herfried Madritsch, Daniela Mueller, Frank Preusser, Hendrik Vogel, Marius W. Buechi**
Rinikerfeld Palaeolake (Northern Switzerland) – a sedimentary archive of landscape and climate change during the penultimate glacial cycle
JOURNAL OF QUATERNARY SCIENCE (2023) 38(2) 174–185 [\[Link\]](#)
- SR-23-048 John Dilworth, Jeffery R. Stone, Kevin M. Yeager, J. Ryan Thigpen, Michael M. McGlue**
Fossil Diatoms Reveal Natural and Anthropogenic History of Jackson Lake (Wyoming, USA)
Earth Sci. Syst. Soc., 27 February 2023 [\[Link\]](#)
- SR-23-049 L.A. Morgan, W.C.P. Shanks, K.L. Pierce, N. Iverson, C.M. Schiller, S.R. Brown, P. Zahajska, R. Cartier, R.W. Cash, J.L. Best, C. Whitlock, S. Fritz, W. Benzel, H. Lowers, D.A. Lovalvo, J.M. Licciardi**
The dynamic floor of Yellowstone Lake, Wyoming, USA: The last 14 k.y. of hydrothermal explosions, venting, doming, and faulting
GSA Bulletin (2023) 135 (3-4): 547–574. [\[Link\]](#)
- SR-23-050 Sarah Seabrook, Kevin Mackay, Sally Watson, Michael Clare, James Hunt, Isobel Yeo, Emily Lane, Malcolm Clark, Richard Wysoczanski, Ashley Rowden, Linn Hoffmann, Evelyn Armstrong, Michael Williams**
Pyroclastic density currents explain far-reaching and diverse seafloor impacts of the 2022 Hunga Tonga Hunga Ha'apai eruption
Research Square, DOI: <https://doi.org/10.21203/rs.3.rs-2395332/v1> [\[Link\]](#)
- SR-23-051 Ryo Nakanishi, Juichiro Ashi, Yosuke Miyairi, Yusuke Yokoyama**
Relationship between depositional environments and preservabilities of Holocene tsunami deposits on the Hidaka coast, Hokkaido, Japan
Quaternary Science Advances, Volume 10, April 2023, 100081 [\[Link\]](#)
- SR-23-052 Jiawei Fan, Dayou Zhai, Hongyan Xu Xiaotong Wei, Changfei Jin, Hanchao Jiang, Wei Shi, Xingqi Liu**
Distinct lake sedimentary imprints of earthquakes, floods and human activities in the Xiaojiang Fault zone: Towards a quantitative paleoseismograph in the southeastern Tibetan Plateau
Science of The Total Environment, Volume 868, 10 April 2023, 161662 [\[Link\]](#)
- SR-23-053 P. Harding, C. Martin-Puertas, J. Sjolte, A. A. Walsh, R. Tjallingii, C. Langdon, S. P. E. Blockley, A. Brauer, P. Langdon, A. M. Milner, R. Muscheler, M. Perez**
Wind regime changes in the Euro-Atlantic region driven by Late-Holocene Grand Solar Minima
Climate Dynamics volume 60, pages1947–1961 (2023) [\[Link\]](#)
- SR-23-054 Jiawei Fan, Hongyan Xu, Hanchao Jiang, Xiaotong Wei, Wei Shi, Qiaoqiao Guo, Siqi Zhang, Xianzhou Bai, Xingqi Liu, Jule Xiao**
Millennial- to centennial-scale anti-phase relationship between the Westerlies and the East Asian summer monsoon and its cultural response along the Silk Roads after a great earthquake in southern Altay ~ 3500 cal a BP
JOURNAL OF QUATERNARY SCIENCE (2023) 38(1) 123–137 [\[Link\]](#)

- SR-23-055** Michael M. McGlue, John R. Dilworth, Hillary L. Johnson, Samuel J. Whitehead, J. Ryan Thigpen, Kevin M. Yeager, Edward W. Woolery, Summer J. Brown, Sarah E. Johnson, Cooper S. Cearley, Gillian M. Clark, T. Spencer Dixon, Ryan C. Goldsby, Autumn L. Helfrich, Bailee N. Hodelka, Edward L. Lo, Leandro Domingos-Luz, Nicholas E. Powell, Giliane G. Rasbold, William R. Swanger
Effect of Dam Emplacement and Water Level Changes on Sublacustrine Geomorphology and Recent Sedimentation in Jackson Lake, Grand Teton National Park (Wyoming, United States)
Earth Science, Systems and Society, January 2023 | Volume 3 | Article 10066 [\[Link\]](#)
- SR-23-056** Jenny Maccali, Anna Nele Meckler, Stein-Erik Lauritzen, Torill Brekken, Helen Aase Rokkan, Alvaro Fernandez, Yves Krüger, Jane Adigun, Stéphane Affolter, Markus Leuenberger
Multi-proxy speleothem-based reconstruction of mid-MIS 3 climate in South Africa
Clim. Past Discuss. [preprint], <https://doi.org/10.5194/cp-2023-1>, in review, 2023 [\[Link\]](#)
- SR-23-057** Kate J. Brandis, Phoebe Meagher, Sabine Schoppe, Kyle Zawada, Indira Widmann, Peter Widmann, Roger G. Dolorosa, Roxane Francis
Determining the Provenance of Traded Wildlife in the Philippines
Animals 2023, 13, 2165 [\[Link\]](#)
- SR-23-058** Daisy Eleanor Spencer, Aaron Potito, Karen Molloy, Anna Martini, Henry Frentzel, Carleton Jones
Prehistoric Farming Impacts and Erosion Revealed Through a Palaeolimnological Investigation of Lough Inchiquin, Co. Clare, Western Ireland
ENVIRONMENTAL ARCHAEOLOGY 2023, VOL. 28, NO. 3, 150–165 [\[Link\]](#)
- SR-23-059** Sulung Nomosatryo, Rik Tjallingii, Cynthia Henny, Iwan Ridwansyah, Dirk Wagner, Sara Tomás, Jens Kallmeyer
Surface sediment composition and depositional environments in tropical Lake Sentani, Papua Province, Indonesia
Journal of Paleolimnology volume 69, pages1–20 (2023) [\[Link\]](#)
- SR-23-060** Pablo Heredia Barión, Stephen J. Roberts, Cornelia Spiegel, Steven A. Binnie, Lukas Wacker, Joanna Davies, Imogen Gabriel, Vivienne J. Jones, Simon Blockley, Emma J. Pearson, Louise Foster, Sarah J. Davies, Thomas P. Roland, Emma P. Hocking, Michael J. Bentley, Dominic A. Hodgson, Chris L. Hayward, Robert D. McCulloch, Jorge A. Strelin, Gerhard Kuhn
Holocene deglaciation and glacier readvances on the Fildes Peninsula and King George Island (Isla 25 de Mayo), South Shetland Islands, NW Antarctic Peninsula
Holocene, Volume 33, Issue 6, <https://doi.org/10.1177/09596836231157059> [\[Link\]](#)
- SR-23-061** BERND WAGNER, PAUL TAUBER, ALEXANDER FRANCKE, NIKLAS LEICHER, STEVEN A. BINNIE, ALEKSANDRA CVETKOSKA, ELENA JOVANOVSKA, JANNA JUST, JACK H. LACEY, ZLATKO LEVKOV, KATJA LINDHORST, KATERINA KOULI, SEBASTIAN KRASTEL, KONSTANTINOS PANAGIOTOPOULOS, ARNE ULFERS, DUSICA ZAOVA, TIMME H. DONDEERS, ANDON GRAZHDANI, ANDREAS KOUTSODENDRIS, MELANIE J. LENG, LAURA SADORI, MIRKO SCHEINERT, HENDRIK VOGEL, THOMAS WONIK, GIOVANNI ZANCHETTA, THOMAS WILKE
The geodynamic and limnological evolution of Balkan Lake Ohrid, possibly the oldest extant lake in Europe
Boreas, Vol. 52, pp. 1–26 [\[Link\]](#)
- SR-23-062** Nina Lenz, Sebastian Lindhorst, Helge W. Arz
Determination and quantification of sedimentary processes in salt marshes using end-member modelling of grain-size data
Depositional Rec. 2023;9:4–29 [\[Link\]](#)
- SR-23-063** Charlotte O. Pizer, Jamie D. Howarth, Kate J. Clark, Colin J.N. Wilson, Stephanie E. Tickle, Jenni L. Hopkins, Jenny A. Dahl
An integrated proximal-distal radiocarbon dating approach provides improved age constraints for a key Holocene tephra isochron
Quaternary Science Reviews, Volume 307, 1 May 2023, 108069 [\[Link\]](#)
- SR-23-064** Teuntje P. Hollaar, Stephen P. Hesselbo, Jean-François Deconinck, Magret Damaschke, Clemens V. Ullmann, Mengjie Jiang, Claire M. Belcher
Environmental changes during the onset of the Late Pliensbachian Event (Early Jurassic) in the Cardigan Bay Basin, Wales
Clim. Past, 19, 979–997 [\[Link\]](#)
- SR-23-065** Anna Imbert Štulc, Anne Poszwa, Stéphane Ponton, Jean-Luc Dupouey, Julien Bouchez, Jérémie Bardin, Frédéric Delarue, Sylvie Coubray, Michel Lemoine, Christophe Rose, Julien Ruelle, Maximilien Beuret, Thanh Thuy Nguyen Tu, Alexa Dufraisse
Multi-elemental and Strontium-Neodymium Isotopic Signatures in Charred Wood: Potential for Wood Provenance Studies
International Journal of Wood Culture, 3 (2023) 464–511 [\[Link\]](#)
- SR-23-066** Marion Jaussi, Bo Barker Jørgensen, Kasper U. Kjeldsen, Bente A. Lomstein, Christof Pearce, Marit-Solveig Seidenkantz, Hans Røy
Cell-specific rates of sulfate reduction and fermentation in the sub-seafloor biosphere
Front. Microbiol. 14:1198664. [\[Link\]](#)

- SR-23-067** Roisin Nash, John O'Sullivan, Sinead Murphy, Michael Bruen, Anne Marie Mahon, Heather Lally, Linda Heerey, James O'Connor, Xiaodi Wang, Albert Koelmans, Ian O'Connor
Sources, Pathways and Environmental Fate of Microplastics
EPA RESEARCH PROGRAMME 2021–2030, Sources, Pathways and Environmental Fate of Microplastics (2016-W-LS-10)
EPA Research Report [\[Link\]](#)
- SR-23-068** Flor Vermassen, Matt O'Regan, Agatha de Boer, Frederik Schenk, Mohammad Razmjooei, Gabriel West, Thomas M. Cronin, Martin Jakobsson, Helen K. Coxall
A seasonally ice-free Arctic Ocean during the Last Interglacial
Nature Geoscience volume 16, pages 723–729 (2023) [\[Link\]](#)
- SR-23-069** Malin E. Kylander, Antonio Martínez-Cortizas, Jenny K. Sjöström, Jenny Gåling, Richard Gyllencreutz, Richard Bindler, Helena Alexanderson, Frederik Schenk, Benedict T.I. Reinardy, Benjamin M.P. Chandler, Kerry Gallagher
Storm chasing: Tracking Holocene storminess in southern Sweden using mineral proxies from inland and coastal peat bogs
Quaternary Science Reviews, Volume 299, 1 January 2023, 107854 [\[Link\]](#)
- SR-23-070** Pablo A. Heredia Barión, Jorge A. Strelin, Stephen J. Roberts, Cornelia Spiegel, Lukas Wacker, Samuel Niedermann, Michael J. Bentley, Emma J. Pearson, Nadia T. Manograsso Czalbowski, Sarah J. Davies, Bernhard Schnetger, Martin Grosjean, Stephanie Arcusa, Bianca Perren, Emma P. Hocking, Gerhard Kuhn
The impact of Holocene deglaciation and glacial dynamics on the landscapes and geomorphology of Potter Peninsula, King George Island (Isla 25 Mayo), NW Antarctic Peninsula
Front. Earth Sci. 10:1073075 [\[Link\]](#)
- SR-23-071** M. Damaschke, M. W. Fellgett, M. P. A. Howe, C. J. Watson
Unlocking national treasures: the core scanning approach
Geological Society, London, Special Publications, Volume 527, <https://doi.org/10.1144/SP527-2022-58> [\[Link\]](#)
- SR-23-072** Nichola A. Strandberg, David A. Sear, Peter G. Langdon, Shane J. Cronin, Catherine T. Langdon, Ashley E. Maloney, Samantha L. Bateman, Thomas Bishop, Ian W. Croudace, Melanie J. Leng, Julian P. Sachs, Matiu Prebble, William D. Gosling, Mary Edwards, Sandra Nogué
Island ecosystem responses to the Kuwae eruption and precipitation change over the last 1600 years, Efate, Vanuatu
Front. Ecol. Evol. 11:1087577 [\[Link\]](#)
- SR-23-073** James LeNoir, Timothy L. Cook, Noah P. Snyder
12,000 years of landscape evolution in the southern White Mountains, New Hampshire, as recorded in Ossipee Lake sediments
Quaternary Research, Volume 112, March 2023, pp. 20 - 35 [\[Link\]](#)
- SR-23-074** Georg Schwamborn, Lutz Schirrmeister, Ali Mohammadi, Hanno Meyer, Andrei Kartoziia, Flavio Maggioni, Jens Strauss
Fluvial and permafrost history of the lower Lena River, north-eastern Siberia, over late Quaternary time
Sedimentology (2023) 70, 235–258 [\[Link\]](#)
- SR-23-075** Stephen B. Piva, Simon J. Barker, Rewi M. Newnham, Andrew B. H. Rees, Colin J. N. Wilson, Lionel Carter, Nels A. Iverson, Benjamin Läuchli, Paul C. Augustinus
Millimetre-scale pollen analysis of non-varved lacustrine sediments from Onepoto maar palaeolake, Auckland, reveals distal vegetation responses and landscape recovery following the ~25.5-ka Ōruanui supereruption, New Zealand
JOURNAL OF QUATERNARY SCIENCE (2023) 38(5) 613–628 [\[Link\]](#)
- SR-23-076** Lea Pesjak, Andrew McMinn, Zanna Chase, Helen Bostock
Sea ice and productivity changes over the last glacial cycle in the Adélie Land region, East Antarctica, based on diatom assemblage variability
Clim. Past, 19, 419–437, 2023 [\[Link\]](#)
- SR-23-077** Zhang Hongliang, Hou Yilin, Li Huayong, Li Zhizhi, Wang Qian, Yang Yiping, Xu Weidong, Yu Zhengsong
Characteristics of X-ray fluorescence scanning element of modern flood sediments in northern Shandong Province and its geological indicative significance
<http://www.jhyd.com.cn/article/doi/10.16562/j.cnki.0256-1492.2022110801> [\[Link\]](#)
- SR-23-078** Demet Biltekin, K. Kadir Eriş, M. Namık Çağatay, Pierre Henry, Nurettin Yakupoğlu
New records of vegetation and climate changes in the Sea of Marmara during the Marine Isotope Stages 3, 4 and 5 (a-c)
Quaternary International, Available online 27 June 2023 [\[Link\]](#)
- SR-23-079** James William Shreeve
The use of a multi-sensor core scanner workflow as the backbone of a digital core repository
Geological Society, London, Special Publications, 527 [\[Link\]](#)
- SR-23-080** Otmame Khalfaoui, Laurent Dezileau, Meryem Mojtahid, Jean-Philippe Degeai, Maria Snoussi, Karen Araya
Paleoenvironmental evolution and evidence of marine submersion events from mid-to late Holocene in northwestern Morocco: The case of the Tahaddart lower estuary
Continental Shelf Research, Volume 256, 1 March 2023, 104958 [\[Link\]](#)

- SR-23-081 Beatrice Fletcher, Aubrey Cannon, Scott Martin, Eduard Reinhardt**
Minimally Invasive High-Resolution Investigation of Site Form and Disturbance at Rat Island (AhGx-7), Cootes Paradise, Ontario
Journal of Field Archaeology, Volume 48, 2023 - Issue 2 [\[Link\]](#)
- SR-23-082 Peizheng He, Xingqi Liu, Huanyu Sun, Shengnan Feng, Xin Mao**
ENSO-related centennial and millennial-scale hydroclimate changes recorded from Lake Xiaolongchi in arid Central Asia over the past 8000 years
The Holocene, Volume 33, Issue 7 [\[Link\]](#)
- SR-23-083 Yaru Chen, Xingqi Liu**
Aeolian activity in arid central Asia during the past 40000 years inferred from Lake Ailike, Xinjiang
CATENA, Volume 227, 15 June 2023, 107106 [\[Link\]](#)
- SR-23-084 Toshimichi Nakanishi, Futoshi Nanayama, Yasuo Kondo, Keitaro Yamada, Keisuke Sakai, Tatsuhiko Yamaguchi, Kiyoyuki Shigeno, Kota Katsuki, Hirokuni Oda, Ryuta Furukawa, Wan Hong**
Radiocarbon ages and tsunami deposits in laminated mud layers from the Lake Harutori, Pacific coast of Hokkaido, Northeast Japan
Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms Volume 538, May 2023, Pages 173-178 [\[Link\]](#)
- SR-23-085 Yu-Chen Jian, Ludvig Löwemark, Alice Chien-Yi Liao**
Application of ion-exchange resin sachets and XRF-CS in heavy metal pollution sources monitoring
EGU23-4067, https://doi.org/10.5194/egusphere-egu23-4067 [\[Link\]](#)
- SR-23-086 Quentin Duboc, Patrick Lajeunesse, Guillaume St-Onge, Matthias Moros, Kerstin Perner**
Holocene sedimentary sequences from Nachvak and Saglek Fjords (Northern Labrador) as a record of deglaciation of the Torngat Mountains and Hudson Bay
Quaternary Science Reviews, Volume 307, 1 May 2023, 108046 [\[Link\]](#)
- SR-23-087 Kengo NAKAMURA, Tatsu KUWATANI, Takeshi KOMAI**
Estimating Layer Boundaries of Mixed-layer Tsunami Deposits with a XRF Core Scanner
Journal of Geography (Chigaku Zasshi) 132 (5) 403-415 2023 [\[Link\]](#)
- SR-23-088 Edward Duarte, Jonathan Obrist-Farner, Susan R. H. Zimmerman, Erik T. Brown, Robert Brown**
Sedimentological and geochemical characterization of a varved sediment record from the northern Neotropics
Journal of Paleolimnology (2023) [\[Link\]](#)
- SR-23-089 Bradley Paine, Linda Armbrrecht, Christopher Bolch, Gustaaf M. Hallegraef**
Coccolithophore assemblage changes over the past 9 kyrs BP from a climate hotspot in Tasmania, southeast Australia
Marine Micropaleontology, Volume 179, March 2023, 102209 [\[Link\]](#)
- SR-23-090 Jasmin C. Martino, Jagoda Crawford, Patricia Gadd, Jesmond Sammut, Neil Saintilan, Debashish Mazumder**
A novel use of a handheld elemental scanner for authenticating prawn provenance
Food Control, Volume 151, September 2023, 109813 [\[Link\]](#)
- SR-23-091 Akintoye Akinnigbagbe, Rasheed Jimoh**
Deep Sea Turbidites from the Abyssal Basin of Eastern Equatorial Atlantic: Implications for Landslide Activity
SSRN: https://ssrn.com/abstract=4505837 or http://dx.doi.org/10.2139/ssrn.4505837 [\[Link\]](#)
- SR-23-092 Juzhi Hou, Kejia Ji, Erlei Zhu, Guanghui Dong, Tao Tong, Guoqiang Chu, Weiguo Liu, Wenxiang Wu, Shuilong Zhang, Jade D'Alpoim Guedes, Fahu Chen**
Climate change fostered rise and fall of the Tibetan Empire during 600–800 AD
Science Bulletin, Volume 68, Issue 11, 15 June 2023, Pages 1187-1194 [\[Link\]](#)
- SR-23-093 Zhiping Wen, Hangtao Liu, Maiqiang Zhou, Cheng Liu, Changchun Zhou**
Explainable machine learning rapid approach to evaluate coal ash content based on X-ray fluorescence
Fuel, Volume 332, Part 1, 15 January 2023, 125991 [\[Link\]](#)
- SR-23-094 Matthias Troch, Sebastien Bertrand, Julia S. Wellner, Carina B. Lange, Konrad A. Hughen**
Postglacial fluctuations of western outlet glaciers of the Southern Patagonian Icefield reconstructed from fjord sediments (Chile, 50°S)
Quaternary Science Reviews, Volume 301, 1 February 2023, 107934 [\[Link\]](#)
- SR-23-095 Jian Lu, Anchun Li, Jin Zhang, Jiang Dong**
Sedimentary record off the Yangtze River estuary and its response to typhoons and human activities over the past 70 years
Regional Studies in Marine Science, Volume 65, 10 December 2023, 103074 [\[Link\]](#)
- SR-23-096 Meijiao Chen, Fang Tian, Xianyong Cao, Wanyi Zhang, Birgit Plessen, Steffen Mischke**
Hydrological variations in the Yellow River Source area (NE Tibetan Plateau) during the last 7.4 ka inferred from stable isotopes of ostracod valves
CATENA, Volume 232, November 2023, 107328 [\[Link\]](#)
- SR-23-097 S.A.G. Leroy, P. Henry, O. Peyron, F. Rostek, J. Kende, E. Bard, K. Tachikawa**
Palynology, palaeoclimate and chronology from the Saalian Glacial to Saint-Germain II interstadial from two long cores at the limit between the Mediterranean and Euxinian regions
Quaternary Science Reviews, Volume 311, 1 July 2023, 108145 [\[Link\]](#)

- SR-23-098 Huanyu Sun, Xingqi Liu, Xin Mao, Weihan Jia, Ulrike Herzschuh**
Centennial-scale variability of the Indian Summer Monsoon during the middle to late Holocene and its links with ENSO activity
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 612, 15 February 2023, 111380 [\[Link\]](#)
- SR-23-099 Minkyong Kim, Jae Il Lee, Young-Suk Bak, Claus-Dieter Hillenbrand, Eun Jin Yang, Daniel B. Montluçon, Negar Haghipour, Timothy I. Eglinton, Jeomshik Hwang**
Holocene Palaeoenvironmental and Palaeoproductivity Changes in the Western Amundsen Sea Embayment of Antarctica
JGR Oceans, Volume 128, Issue 6, June 2023, e2023JC019797 [\[Link\]](#)
- SR-23-100 Shishun Wang, Liao Chang, Pengfei Xue, Shengfa Liu, Xuefa Shi, Jingrui Li, Jinhua Li, Somkiat Khokiattiwong, Narumol Kornkanitnan**
Sedimentary modulation of magnetic mineral records in the Central Bengal Fan
Marine Geology, Volume 457, March 2023, 107010 [\[Link\]](#)
- SR-23-101 Xuejin Wu, Hui Luo, Junpeng Zhang, Qing Chen, Xiang Fang, Wenhui Wang, Wenjie Li, Zhensheng Shi, Yuandong Zhang**
Volcanism-driven marine eutrophication in the end-Ordovician: Evidence from radiolarians and trace elements of black shale in South China
Journal of Asian Earth Sciences, Volume 253, 1 September 2023, 105687 [\[Link\]](#)
- SR-23-102 Melina Luethje, Xavier Benito, Tobias Schneider, Pablo V. Mosquera, Paul Baker, Sherilyn C. Fritz**
Paleolimnological responses of Ecuadorian páramo lakes to local and regional stressors over the last two millennia
Journal of Paleolimnology volume 69, pages 305–323 (2023) [\[Link\]](#)
- SR-23-103 Lech Czerniak, Anna Pędziszewska, Joanna Świąta-Musznicka, Tomasz Goslar, Agnieszka Matuszewska, Monika Niska, Marek Podlasiński, Wojciech Tylmann**
The Neolithic Ceremonial Centre at Nowe Objezierze (Nw Poland) and its Biography from the Perspective of the Palynological Record
SSRN: <https://ssrn.com/abstract=4472383> or <http://dx.doi.org/10.2139/ssrn.4472383> [\[Link\]](#)
- SR-23-104 Johanna M Hanson, Kevin J Welsh, Patrick T Moss, Patricia Gadd**
Implications of sea level variability on the formation and evolution of subtropical Rainbow Beach patterned fen complexes, Queensland, Australia
The Holocene, Volume 33, Issue 1, https://doi.org/10.1177/09596836221126120 [\[Link\]](#)
- SR-23-105 Hongchao Zhao, Zhifei Liu, Yulong Zhao, Jiawang Wu, Christophe Colin**
Lunar nodal tidal cycle influences on the input of coarse sediments during the last glaciation in the deep South China Sea
Quaternary Science Reviews, Volume 310, 15 June 2023, 108114 [\[Link\]](#)
- SR-23-106 A.-S. Jonas, M. Kars, T. Bauersachs, W. Ruebsam, L. Schwark**
Southward displacement of the glacial westerly jet over Asia driven by enhanced Arctic amplification after the Mid-Brunhes Event
Global and Planetary Change, Volume 227, August 2023, 104173 [\[Link\]](#)
- SR-23-107 Ara Cho, Kaoru Kashima, Hannah Baranes, Caroline Ladlow, Kota Katsuki, Jonathan D. Woodruff**
Fossil diatom assemblage changes due to paleoenvironment change, tsunami, and typhoon in southern Japan
Island ARC, Volume 32, Issue 1, January/December 2023, e12476 [\[Link\]](#)
- SR-23-108 Alicja Bonk, Natalia Piotrowska, Maurycy Żarczyński, Dirk Enters, Mirosław Makohonienko, Monika Rzdokiewicz, Wojciech Tylmann**
Limnological responses to environmental changes during the last 3,000 years revealed from a varved sequence of Lake Lubińskie (western Poland)
CATENA, Volume 226, 1 June 2023, 107053 [\[Link\]](#)
- SR-23-109 Bowen Wang, Viviana Horna, Matthias Heckmann, K. Anggi Hapsari, Reiner Zimmermann, Hermann Behling**
Holocene environmental changes inferred from an oxbow lake in a Mauritia palm swamp (aguajal) in the Madre de Dios region, southeastern Peru
Review of Palaeobotany and Palynology, Volume 312, May 2023, 104863 [\[Link\]](#)
- SR-23-110 Uwe Buczko, Roberto Cruz-García, Jörg Harmuth, Johannes Kalbe, Tobias Scharnweber, Angelika Stoll, Martin Wilmking, Gerald Jurasinski**
Soil and vegetation factors affecting carbon storage in a coastal forest in NE Germany
Geoderma Regional, Volume 33, June 2023, e00629 [\[Link\]](#)
- SR-23-111 Erdoo Mongol, Francisca Oboh-Ikuenobe, Jonathan Obrist-Farner, J. Enrique Moreno, Alex Correa-Metrio**
A millennium of anthropic and climate dynamics in the Lake Izabal Basin, eastern lowland Guatemala
Review of Palaeobotany and Palynology, Volume 312, May 2023, 104872 [\[Link\]](#)
- SR-23-112 Riley E. Steele, Eduard G. Reinhardt, Frederic Devos, Samuel Meacham, Chris LeMaillot, Jeremy J. Gabriel, Dominique Rissolo, Cesar Arturo Vera, Matthew C. Peros, Sang-Tae Kim, Matthew Marshall, Juliet Zhu**
Evidence of recent sea-level rise and the formation of a classic Maya canal system inferred from Boca Paila cave sediments, Sian Ka'an biosphere, Mexico
Quaternary Science Reviews, Volume 310, 15 June 2023, 108117 [\[Link\]](#)

- SR-23-113 Lucile de Milleville, Laurent Lespez, Agnès Gauthier, Frédéric Gob, Clément Virmoux, Ségolène Saulnier-Copard, Valentine Fichet, Manon Letourneur, Marion Jugie, Marta Garcia, Kazuyo Tachikawa, Evelyne Tales**
Three thousand years of anthropogenic impact and water management and its impact on the hydro-ecosystem of the Méranthaise river, Paris conurbation (France)
Quaternary Science Reviews, Volume 307, 1 May 2023, 108066 [\[Link\]](#)
- SR-23-114 Iliya Bauchi Danladi, Sena Akçer-Ön, Thomas Litt, Z. Bora Ön, Lukas Wacker**
A Late Holocene climate reconstruction from the high-altitude Lake Gölcük sedimentary records, Isparta (SW Anatolia)
Quaternary Research, First View, pp. 1 – 14, DOI: <https://doi.org/10.1017/qua.2023.26> [\[Link\]](#)
- SR-23-115 Halil İbrahim Gülşen-Rothmund, Şebnem Arslan, Bedri Kurtuluş, Evren Tunca, Ulaş Avcı, Özgür Avcı**
Assessment of trace metal pollution in the coastal sediments of Fethiye-Göcek Bay (SW Turkey) and evaluation of pollution sources
Marine Pollution Bulletin, Volume 186, January 2023, 114387 [\[Link\]](#)
- SR-23-116 Yun Huang, Jule Xiao, Ruilin Wen, Guoqiang Chu, Luo Wang, Bing Xu, Shengrui Zhang, Jiawei Fan**
High- and low- latitude forcing on hydroclimate variability in southern China over the last two millennia
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 610, 15 January 2023, 111352 [\[Link\]](#)
- SR-23-117 Shengguo Xue, Ramon Korna, Jiarong Fan, Wenshun Ke, Wei Lou, Jinting Wang, Feng Zhu**
Spatial distribution, environmental risks, and sources of potentially toxic elements in soils from a typical abandoned antimony smelting site
Journal of Environmental Sciences, Volume 127, May 2023, Pages 780-790 (See SR-22-140) [\[Link\]](#)
- SR-23-118 Lisa Feist, Pedro J.M. Costa, Piero Bellanova, Ivana Bosnic, Juan I. Santisteban, César Andrade, Helmut Brückner, João F. Duarte, Jannis Kuhlmann, Jan Schwarzbauer, Andreas Vött, Klaus Reicherter, the M152 shipboard scientific party**
Holocene offshore tsunami archive – Tsunami deposits on the Algarve shelf (Portugal)
Sedimentary Geology, Volume 448, 15 April 2023, 106369 [\[Link\]](#)
- SR-23-119 Tsai-Wen Lin, Stefanie Kaboth-Bahr, André Bahr, Kweku Afrifa Yamoah, Chih-Chieh Su, Liang-Chi Wang, Pei-Ling Wang, Ludvig Löwemark**
Disentangling the impact of anthropogenic and natural processes on the environment in a subtropical subalpine lake catchment in northeastern Taiwan over the past 150 years
Science of The Total Environment, Volume 866, 25 March 2023, 161300 [\[Link\]](#)
- SR-23-120 Tuğçe Nagihan Arslan Kaya, Erol Sarı, M. Namık Çağatay, Mehmet Ali Kurt, Taylan Kösesakal, Önder Kılıç, Dursun Acar**
The effects of the 1999 Gölcük earthquake (Mw 7.4) on trace element contamination of core sediments from İzmit Gulf, Turkey
Natural Hazards volume 116, pages1189–1208 (2023) [\[Link\]](#)
- SR-23-121 Reza Safaierad, Roger Matthews, Lydie Dupont, Bernd Zolitschka, Elena Marinova, Morteza Djamali, Christoph Vogt, Ghasem Azizi, Hamid A.K. Lahijani, Wendy Matthews**
Vegetation and climate dynamics at the dawn of human settlement: multiproxy palaeoenvironmental evidence from the Hashilan Wetland, western Iran
Journal of Quaternary Science, 21 July 2023 <https://doi.org/10.1002/jqs.3557> [\[Link\]](#)
- SR-23-122 Daigard Ricardo Ortega Rodriguez, Raúl Sánchez-Salguero, Andrea Hevia, Daniela Granato-Souza, Bruno B.L. Cintra, Bruna Hornink, Laia Andreu-Hayles, Gabriel Assis-Pereira, Fidel A. Roig, Mario Tomazello-Filho**
Climate variability of the southern Amazon inferred by a multi-proxy tree-ring approach using *Cedrela fissilis* Vell
Science of The Total Environment, Volume 871, 1 May 2023, 162064 [\[Link\]](#)
- SR-23-123 Ryo Nakanishi, Juichiro Ashi, Masataka Aizawa, Hajime Naruse**
Application of mineralogy and geochemistry to identify the landward extent of paleo-tsunami deposits not visible to the naked eye in the coastal wetland of Erimo, Hokkaido, Japan
Sedimentary Geology, Volume 447, 1 April 2023, 106365 [\[Link\]](#)
- SR-23-124 Michaela Berensmeier, Adam Tomašových, Rafał Nawrot, Daniele Cassin, Roberto Zonta, Ivana Koubová, Martin Zuschin**
Stratigraphic expression of the human impacts in condensed deposits of the Northern Adriatic Sea
Geological Society, London, Special Publications, Volume 529, Pages 195 - 222 [\[Link\]](#)
- SR-23-125 Kurt H. Wogau, Benjamin Keenan, Helge W. Arz, Harald N. Böhnel**
Paleoenvironmental study of the Late Preclassic period in the Northern Mesoamerican Frontier
The Holocene, <https://doi.org/10.1177/09596836231185828> [\[Link\]](#)
- SR-23-126 Senay Horozal, Jang-Jun Bahk, Deniz Cukur, Roger Urgeles, David M. Buchs, Sang Hoon Lee, In-Kwon Um, Seong-Pil Kim**
Factors for pre-conditioning and post-failure behaviour of submarine landslides in the margins of Ulleung Basin, East Sea (Japan Sea)
Marine Geology, Volume 455, January 2023, 106956 [\[Link\]](#)

SR-23-127 Abdallah AlShehri, Klemens Katterbauer, Ali Yousef

Real-Time Autoregressive Deep Learning Framework for In-Line Automatic Surface Logging

SPE-214079-MS, <https://doi.org/10.2118/214079-MS>[\[Link\]](#)**SR-23-128 Brian Yellen, Jonathan D. Woodruff, Hannah E. Baranes, Simon E. Engelhart, W. Rockwell Geywer, Noa Randall, Frances R. Griswold**

Salt Marsh Response to Inlet Switch-Induced Increases in Tidal Inundation

JGR Earth Surface, Volume 128, Issue 1, January 2023, e2022JF006815[\[Link\]](#)**SR-23-129 Hongwu Tang, Ming Gao, Saiyu Yuan, Huiming Zhang, Yang Xiao, Fuxin Zhang, Kun Zhang**

Impact of the Yellow River capture on the paleoenvironmental changes of Hongze Lake, China

International Journal of Sediment Research, Volume 38, Issue 4, August 2023, Pages 503-515[\[Link\]](#)**SR-23-130 A. Mark Pollard, Ruth Ann Armitage, Cheryl A. Makarewicz**

Environmental Controls on Human Dispersal and Adaptation

Handbook of Archaeological Sciences, Second Edition, <https://doi.org/10.1002/9781119592112.ch15>[\[Link\]](#)**SR-23-131 T. Marsset, T. Pape, L. Simplet, B. Dennielou, L. Ruffine, G. Bohrmann, S. Révillon**

Plumbing systems and associated seafloor fluid seepages in deep-water Nigeria: Factors controlling their architecture and cyclic evolution

Marine and Petroleum Geology, Volume 153, July 2023, 106273[\[Link\]](#)**SR-23-132 Kan-Hsi Hsiung, Toshiya Kanamatsu, Ken Ikehara, Masafumi Murayama, Yuhji Yamamoto**

Active sediment transport along trench axis: insights from X-ray fluorescence core scanning and magnetic analysis of marine sediments in the southwestern Ryukyu Trench

Geoscience Letters (2023) 10:49[\[Link\]](#)**SR-23-133 P.G. Langdon, A.G. Brown, C.L. Clarke, M.E. Edwards, P.D.M. Hughes, R. Mayfield, A. Monteath, D. Sear, H. Mackay**

Lake and Peat Records of Climate Change and Archaeology

Handbook of Archaeological Sciences, Second Edition, Editor(s): A. Mark Pollard, Ruth Ann Armitage, Cheryl A. Makarewicz[\[Link\]](#)**SR-23-134 Ben Pears, Antony G Brown, Phillip S Toms, Jamie Wood, Benjamin T Pennington, Richard Jones**

Rapid laminated clastic alluviation associated with increased Little Ice Age flooding co-driven by climate variability and historic land-use in the middle Severn catchment, UK

The Holocene, 2023, Vol. 33(12) 1474–1488[\[Link\]](#)**SR-23-135 Kwon Yoo Jin, Kim Sookwan, Lee Sang Hoon, Lee Su Hwan**

Late Pleistocene-Holocene sedimentary facies and depositional environment of the eastern Gunsan Basin, mid-eastern Yellow Sea: Sequence stratigraphy in response to postglacial sea-level rise

AGU (American Geophysical Union) Fall Meeting, 2023[\[Link\]](#)**SR-23-136 Maximillian Van Wyk de Vries, Emi Ito, Mark Shapley, Matias Romero, Guido Brignone**

Investigating paleoclimate and current climatic controls at Lago Argentino using sediment pixel intensity time series

Journal of Paleolimnology, Volume 70, pages 311–330, (2023)[\[Link\]](#)**SR-23-137 Zhe Sun, Zirui Huang, Kejia Ji, Mingda Wang, Juzhi Hou**

Alternating influences of the Westerlies and Indian Summer Monsoon on the hydroclimate of the source region of the Yarlung Tsangpo over past 4000 yr

Frontiers of Earth Science, Volume 17, pages 933–944, (2023)[\[Link\]](#)**SR-23-138 Aage Paus, Stephen Brooks, Hafliði Hafliðason, Lene S. Halvorsen**

QSR. LG tree-birch

Quaternary Science Reviews 320, DOI:10.1016/j.quascirev.2023.108347[\[Link\]](#)**SR-23-139 Ning Zhong, Hanchao Jiang, Haibing Li, Xianbing Zhang, Zhen Yang, Hao Yu**

A continuous 18-10.2 ka paleo-earthquake events revealed by the Luobozhai lacustrine sediments, eastern Tibetan Plateau

Quaternary International, Volume 673, 10 November 2023, Pages 40-52[\[Link\]](#)**SR-23-140 Yusuke OGATA, Kazuhisa GOTO, Tetsuya SHINOZAKI, Minoru IKEHARA, Catherine CHAGUÉ,****Takao KAWAMATA, Yusuke YOKOYAMA, Yosuke MIYAIRI, Takashi ISHIZAWA, Hiroshi TETSUKA**

Reconstruction of Paleoenvironment and Identification of Historical Tsunami Deposits by Geochemical Analyses in Iwanuma City, Miyagi Prefecture, Japan

Journal of Geography (Chigaku Zasshi) 132 (4) 275-296 2023[\[Link\]](#)

SR-23-141 Stephen P. Hesselbo, Aisha Al-Suwaidi, Sarah J. Baker, Giorgia Ballabio, Claire M. Belcher, Andrew Bond, Ian Boomer, Remco Bos, Christian J. Bjerrum, Kara Bogus, Richard Boyle, James V. Browning, Alan R. Butcher, Daniel J. Condon, Philip Copestake, Stuart Daines, Christopher Dalby, Magret Damaschke, Susana E. Damborenea, Jean-Francois Deconinck, Alexander J. Dickson, Isabel M. Fendley, Calum P. Fox, Angela Fraguas, Joost Frieling, Thomas A. Gibson, Tianchen He, Kat Hickey, Linda A. Hinnov, Teuntje P. Hollaar, Chunju Huang, Alexander J. L. Hudson, Hugh C. Jenkyns, Erdem Idiz, Mengjie Jiang, Wout Krijgsman, Christoph Korte, Melanie J. Leng, Timothy M. Lenton, Katharina Leu, Crispin T. S. Little, Conall MacNiocaill, Miguel O. Manceñido, Tamsin A. Mather, Emanuela Mattioli, Kenneth G. Miller, Robert J. Newton, Kevin N. Page, József Pálffy, Gregory Pieńkowski, Richard J. Porter, Simon W. Poulton, Alberto C. Riccardi, James B. Riding, Ailsa Roper, Micha Ruhl, Ricardo L. Silva, Marisa S. Storm, Guillaume Suan, Dominika Szűcs, Nicolas Thibault, Alfred Uchman, James N. Stanley, Clemens V. Ullmann, Bas van de Schootbrugge, Madeleine L. Vickers, Sonja Wadas, Jessica H. Whiteside, Paul B. Wignall, Thomas Wonik, Weimu Xu, Christian Zeeden, Ke Zhao

Initial results of coring at Prees, Cheshire Basin, UK (ICDP JET project): towards an integrated stratigraphy, timescale, and Earth system understanding for the Early Jurassic

Sci. Dril., 32, 1–25, 2023

[\[Link\]](#)

SR-23-142 Alice Jones, Oscar Serrano, Anna Lafratta, Paul Lavery, Kor-jent Van Dijk, Ed Biffin, Bronwyn Gillanders, Jennifer Young, Pere Masque, Patricia Gadd, Geraldine Jacobsen, Atun Zawadzki, Andria Greene, Michelle Waycott

A new evidence base to document millennial changes in coastal vegetation

Research Square, October 12th, 2023, DOI: <https://doi.org/10.21203/rs.3.rs-3378191/v1>

[\[Link\]](#)

SR-23-143 H. Riechelson, S. C. Bova, Y. Rosenthal, S. Meyers, K. Bu

Solar Cycles Forced Southern Westerly Wind Migrations During the Holocene

Geophysical Research Letters, 50, e2023GL104148

[\[Link\]](#)

SR-23-144 Giulia Wienhues, Yunuen Temoltzin-Loranca, Hendrik Vogel, Marina A. Morlock, Andrew S. Cohen, Flavio S. Anselmettic, Stefano M. Bernasconi, Madalina Jaggi, Wojciech Tylmann, Mary A. Kishe, Leighton King, Nare Ngoepe, Colin J. Courtney-Mustaphi, Moritz Muschick, Blake Matthews, Salome Mwaiko, Ole Seehausen, Willy Tinner, Martin Grosjean

From desiccation to wetlands and outflow: Rapid re-filling of Lake Victoria during the Latest Pleistocene 14–13 ka

Journal of Great Lakes Research, Available online 28 October 2023, 102246

[\[Link\]](#)

SR-23-145 Haifeng Wang, Xiguang Deng, Liang Yi, Guoqing Zhao, Yibing Li, Gongping Tu, Shijia Liu, Yinan Deng, Yong Yang, Yun Cai, Weiwei Chen, Gaowen He

Dominant eccentricity cycles in paleoenvironmental variabilities recorded by pelagic sediments in the western Pacific during 15–11 Ma

Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 628, 15 October 2023, 111776

[\[Link\]](#)

SR-23-146 Alistair J. Monteath, Matthew S. M. Bolton, Jordan Harvey, Marit-Solveig Seidenkrantz, Christof Pearce, Britta Jensen

Ultra-distal tephra deposits and Bayesian modelling constrain a variable marine radiocarbon offset in Placentia Bay, Newfoundland

Geochronology, Volume 5, issue 1, *GChron*, 5, 229–240, 2023

[\[Link\]](#)

SR-23-147 JORDAN PALLI, LORENZO MONACO, MONICA BINI, EMANUELA COSMA, BIAGIO GIACCIO, ADAM IZDEBSKI, ALESSIA MASI, SCOTT MENSING, GIANLUCA PIOVESAN, VERONICA ROSSI, LAURA SADORI, BERND WAGNER, GIOVANNI ZANCHETTA

The recent evolution of the salt marsh 'Pantano Grande' (NE Sicily, Italy): interplay between natural and human activity over the last 3700 years

JOURNAL OF QUATERNARY SCIENCE (2024) 39(2) 327–339

[\[Link\]](#)

SR-23-148 Jana Blanke, Katharina Pahnke, Millie Bompard, Jack Longman

The impact of volcanic ash deposition and the Storegga Slide on organic carbon preservation processes in marine sediments near Iceland

Marine Geology, Volume 463, September 2023, 107120

[\[Link\]](#)

SR-23-149 Sebastien Bertrand, Rik Tjallingii, Malin E. Kylander, Bruno Wilhelm, Stephen J. Roberts, Fabien Arnaud, Erik Brown, Richard Bindler

Inorganic geochemistry of lake sediments: A review of analytical techniques and guidelines for data interpretation

Earth-Science Reviews, Volume 249, February 2024, 104639

[\[Link\]](#)

SR-23-150 Tatsu KUWATANI, Toshimoto SAKAI, Kengo NAKAMURA, Takeshi KOMAI

Statistical Correlation for Geological Layers Using XRF Core Scan Data: Proof of Concept in Application to Tsunami Deposits

Journal of Geography (Chigaku Zasshi) 132 (5) 367-384 2023

[\[Link\]](#)

SR-23-151 FENJA THEDEN-RINGL, BENEDICT KEANEY, GEOFFREY S. HOPE, PATRICIA S. GADD, HENK HEIJNIS

Landscape Change and Indigenous Fire Use in the Namadgi Ranges in the Australian Alps over 16,000 years

Published on 31 December 2023 at <https://openjournals.library.sydney.edu.au/index.php/LIN/index>

Proceedings of the Linnean Society of New South Wales 145, 75-97

[\[Link\]](#)

- SR-23-152** Darren N. King, Kate Clark, Catherine Chagué, Xun Li, Emily Lane, Bruce G. McFadgen, Jarom Hippolite, Peter Meihana, Billy Wilson, John Dobson, Pene Geiger, Hamuera Robb, Daniel Hikuroa, Shaun Williams, Regine Morgenstern, Finn Scheele
Tsunami or storm deposit? A late Holocene sedimentary record from Swamp Bay, Rangitoto ki te Tonga/D'Urville Island, Aotearoa – New Zealand
New Zealand Journal of Geology and Geophysics, 66:4, 629-645 [\[Link\]](#)
- SR-23-153** Dominic A. Hodgson, Stephen J. Roberts, Eñaut Izagirre, Bianca B. Perren, François De Vleeschouwer, Sarah J. Davies, Thomas Bishop, Robert D. McCulloch, Juan-Carlos Aravena
Southern limit of the Patagonian Ice Sheet
Quaternary Science Reviews, Volume 321, 1 December 2023, 108346 [\[Link\]](#)
- SR-23-154** A. Vuillemin, M. Morlock, A. Paskin, L.G. Benning, C. Henny, J. Kallmeyer, J.M. Russell, H. Vogel
Authigenic minerals reflect microbial control on pore waters in a ferruginous analogue
Geochem. Persp. Let. (2023) 28, 20–26 [\[Link\]](#)
- SR-23-155** Spencer E. Staley, Peter J. Fawcett, Gonzalo Jiménez-Moreno, R. Scott Anderson, Vera Markgraf, Erik T. Brown
Long-Term Landscape Evolution in Response to Climate Change, Ecosystem Dynamics, and Fire in a Basaltic Catchment on the Colorado Plateau
Journal of Geophysical Research: Earth Surface, 128, e2023JF007266. [\[Link\]](#)
- SR-23-156** Gajendra, Niroshan; Berg, Jasmine S.; Vogel, Hendrik; Deng, Longhui; Wolf, Sarah M.; Bernasconi, Stefano M.; Dubois, Nathalie; Schubert, Carsten J.; Lever, Mark A.
Carbohydrate compositional trends throughout Holocene sediments of an alpine lake (Lake Cadagno)
Front. Earth Sci. 11:1047224. [\[Link\]](#)
- SR-23-157** Sudip Acharya, Maximilian Prochnow, Thomas Kasper, Linda Langhans, Peter Frenzel, Paul Strobel, Marcel Bliedtner, Gerhard Daut, Christopher Berndt, Sönke Szidat, Gary Salazar, Antje Schwalb, Roland Zech
A 1100-year multi-proxy palaeoenvironmental record from Lake Höglwörth, Bavaria, Germany
E&G Quaternary Sci. J., 72, 219–234, 2023 [\[Link\]](#)
- SR-23-158** Tetsuya Shinozaki
Tsunami geochemistry: progress and perspectives
J. Geol. Soc. Japan, Vol. 129, No. 1, p. 603–613, 2023 [\[Link\]](#)
- SR-23-159** NIKLAS LEICHER, BIAGIO GIACCIO, ALISON PEREIRA, SEBASTIEN NOMADE, LORENZO MONACO, GIORGIO MANNELLA, PAOLO GALLI, EDOARDO PERONANCE, DANILLO MAURO PALLADINO, GIANLUCA SOTTILI, GIOVANNI ZANCHETTA, BERND WAGNER
Central Mediterranean teprochronology between 313 and 366 ka: New insights from the Fucino palaeolake sediment succession
Boreas, Vol. 52, pp. 240–271. [\[Link\]](#)
- SR-23-160** MATTHIAS MOROS, AARNO TAPIO KOTILAINEN, IAN SNOWBALL, THOMAS NEUMANN, KERSTIN PERNER, H. E. MARKUS MEIER, SVENJA PAPANMEIER, HENRIETTE KOLLING, THOMAS LEIPE, JAAP S. SINNINGHE DAMSTE, RALPH SCHNEIDER
Giant saltwater inflow in AD 1951 triggered Baltic Sea hypoxia
Boreas, Vol. 53, pp. 125–138 [\[Link\]](#)
- SR-23-161** JET Science Team, Hesselbo S. P., Ullmann C.V., Silva R.F.L., Dalby C.J., Heeschen K. U., Wonik T
Early Jurassic Earth System and Timescale scientific drilling project (JET) – Operational Report
Scientific Drilling (Vol. 32, pp. 1–25). [\[Link\]](#)
- SR-23-162** Liangming Hu, Yi Zhang, Yizhuo Wang, Pengyun Ma, Wendong Wu, Qian Ge, Yeping Bian, Xibin Han
Paleoproductivity and deep-sea oxygenation in Cosmonaut Sea since the last glacial maximum: impact on atmospheric CO2
Front. Mar. Sci., 16 October 2023 [\[Link\]](#)
- SR-23-163** Berry L Williams, Stephen J Burns, Nick Scropton, Laurie R Godfrey, Benjamin H Tiger, Brian Yellen, Robin R Dawson, Peterson Faina, David McGee, Lovasoa Ranivoharimanana
A speleothem record of hydroclimate variability in northwestern Madagascar during the mid-late Holocene
The Holocene, 0(0). <https://doi.org/10.1177/09596836231225725> [\[Link\]](#)
- SR-23-164** Joanna Davies, Kirsten Fahl, Matthias Moros, Alice Carter-Champion, Henrieka Detlef, Ruediger Stein, Christof Pearce, Marit-Solveig Seidenkrantz
120 years of sea-ice cover on the Northeast Greenland continental shelf: a biomarker and observational record comparison
<https://doi.org/10.5194/egusphere-2023-2363>, Preprint. Discussion started: 2 November 2023 [\[Link\]](#)
- SR-23-165** Yunuén Temoltzin-Loranca, Erika Gobet, Boris Vannièrè, Jacqueline F.N. van Leeuwen, Giulia Wienhues, Colin Courtney-Mustaphi, Mary Kishe, Moritz Muschick, Leighton King, Pavani Misra, Nare Ngoepe, Blake Matthews, Hendrik Vogel, Oliver Heiri, Ole Seehausen, Martin Grosjean, Willy Tinner
Long-term ecological successions of vegetation around Lake Victoria (East Africa) in response to latest Pleistocene and Early Holocene climatic changes
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 631, 1 December 2023, 111839 [\[Link\]](#)

- SR-23-166 Marie-Luise Adolph, Sambor Czerwinski, Mirko Dreßler, Paul Strobel, Marcel Bliedtner, Sebastian Lorenz, Maxime Debret, Torsten Haberzettl**
North Atlantic Oscillation polarity during the past 3 ka derived from lacustrine sediments of large lowland lake Schweriner See, NEGermany
Climate of the Past, <https://doi.org/10.5194/cp-2023-73>, Preprint. Discussion started: 16 October 2023 [\[Link\]](#)
- SR-23-167 Ann E. Morey, Mark D. Shapley, Daniel G. Gavin, Alan R. Nelson, Chris Goldfinger**
Sedimentary record of historical seismicity in a small, southern Oregon lake
Research Square, : <https://doi.org/10.21203/rs.3.rs-1631354/v3> [\[Link\]](#)
- SR-23-168 Jenny Maccali, Anna Nele Meckler, Stein-Erik Lauritzen, Torill Brekken, Helen Aase Rokkan, Alvaro Fernandez, Yves Krüger, Jane Adigun, Stéphane Affolter, Markus Leuenberger**
Multi-proxy speleothem-based reconstruction of mid-MIS 3 climate in South Africa
Climate of the Past, <https://doi.org/10.5194/cp-2023-1> [\[Link\]](#)
- SR-23-169 Nagayoshi Katsuta, Ayako Umemura, Sayuri Naito, Yuma Masuki, Yui Itayama, Masakazu Niwa, Sin-iti Sirono, Hidekazu Yoshida, Shin-ichi Kawakami**
Heterogeneity effects in micro-beam XRF scanning spectroscopy of binary powdered mixtures and lake sediments
Spectrochimica Acta Part B: Atomic Spectroscopy, Volume 210, December 2023, 106817 [\[Link\]](#)
- SR-23-170 Carolina Franco, Antonio Maldonado, Christian Ohlendorf, A. Catalina Gebhardt, María Eugenia de Porras, Amalia Nuevo-Delaunay, César Méndez, Bernd Zolitschka**
Holocene environmental and climate evolution of Central West Patagonia as reconstructed from lacustrine sediments of Meseta Chile Chico (46.5° S, Chile)
EGU sphere, <https://doi.org/10.5194/egusphere-2023-2156>, Preprint. Discussion started: 25 September 2023 [\[Link\]](#)
- SR-23-171 Dominik Schmitt, Eberhard Gischler, Martin Melles, Volker Wennrich, Hermann Behling, Lyudmila Shumilovskikh, Flavio Anselmetti, Hendrik Vogel, Jörn Peckmann, Daniel Birgel**
Ocean temperatures and ITCZ migrations triggered cyclone-frequency variations during the Holocene
Research square, December 22nd, 2023, DOI: https://doi.org/10.21203/rs.3.rs-3758003/v1 [\[Link\]](#)
- SR-23-172 Jodie McClintock, James Goff, Bruce McFadgen**
Reconstructing a palaeotsunami: Geomorphological and cultural change associated with a catastrophic 15th century event, Kāpiti Coast, Aotearoa/New Zealand
The Holocene, 2024, Vol. 34(4) 377–386, © The Author(s) 2023 [\[Link\]](#)
- SR-23-173 A. Naderi Beni, M. jamali**
Causes of disturbances in the Persian Gulf 's Holocene sedimentary sequences
Applied Sedimentology, Volume 11, Number 21, Spring and Summer 1 [\[Link\]](#)
- SR-23-174 S. Yoshi Maezumi, Mitchell J. Power, Richard J. Smith, Kendra K. McLauchlan, Andrea R. Brunelle, Christopher Carleton, Andrea U. Kay, Patrick Roberts, Francis E. Mayle**
Fire-human-climate interactions in the Bolivian Amazon rainforest ecotone from the Last Glacial Maximum to late Holocene
Front. Environ. Archaeol., 11 December 2023, Sec. Archeobotany [\[Link\]](#)
- SR-23-175 Adrian G. Parker, Simon J. Underdown**
Environmental Controls on Human Dispersal and Adaptation
Handbook of Archaeological Sciences, Second Edition, p 289-319, https://doi.org/10.1002/9781119592112.ch15 [\[Link\]](#)
- SR-23-176 Navdeep K. Dhami, Paul F. Greenwood, Stephen F. Poropat, Madison Tripp, Amy Elson, Hridya Vijay, Luke Brosnan, Alex I. Holman, Matthew Campbell, Peter Hopper, Lisa Smith, Andrew Jian, Kliti Grice**
Microbially mediated fossil concretions and their characterization by the latest methodologies: a review
Front. Microbiol., 29 September 2023 [\[Link\]](#)
- SR-23-177 H. Nienhaus, P. Yogeshwar, W. Mörbe, B. Tezkan, C. Büttner, M. Legler, S. Buske, B. Lushetile, V. Wennrich, M. Melles**
Geophysical and geological exploration of the Aurus clay pan as an archive of the long-term climatic and environmental history of the Namib Desert
Global and Planetary Change, Volume 230, November 2023, 104259 [\[Link\]](#)
- SR-23-178 P.G. Langdon, A.G. Brown, C.L. Clarke, M.E. Edwards, P.D.M. Hughes, R. Mayfield, A. Monteath, D. Sear, H. Mackay**
Lake and Peat Records of Climate Change and Archaeology
Handbook of Archaeological Sciences, Second Edition, Chapter 12 [\[Link\]](#)

- SR-24-001 Naveed Hassan, Ludvig Löwemark, Alice Chien-Yi Liao**
Investigating the impact of sample desiccation on Itrax XRF core scanner signal reproducibility
Island Arc, Volume33, Issue1, January/December 2024, e12517 [\[Link\]](#)
- SR-24-002 Riley E. Steele, Eduard G. Reinhardt, Jeremy J. Gabriel, Joe Boyce, Meghan Burchell, Andrew Kingston, Beverly Goodman-Tchernov**
Anthropogenic structure emplacement and sediment transport at King Herod's harbour, Israel: ED- μ XRF (Itrax) data and foraminifer *Pararotalia calcariformata* as proxies of coastal development over millennia
Marine Geology, Volume 469, March 2024, 107245 [\[Link\]](#)
- SR-24-003 M. Martini, P. Francus, L. Di Schiavi Trotta, P. Letellier, M. Des Roches, P. Després**
Exploring the application of dual-energy CT to discriminate sediment facies in a varved sequence
The Despositional Record, Volume10, Issue1, February 2024, Pages 231-244 [\[Link\]](#)
- SR-24-004 Shane D. Schoepfer, Charles M. Henderson, Thomas F. Moslow, Chen Shen**
Extremely high resolution XRF core scanning reveals the Early Triassic depositional history of the Montney Formation in northeastern British Columbia, Canada
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 637, 1 March 2024, 112019 [\[Link\]](#)
- SR-24-005 Julie James, Rainy Comley, Christopher M. Wurster, Vladimir Levchenko, Patricia Gadd, Michael I. Bird**
Holocene savanna hydroclimate record from Kinrara Lake, north-east Queensland, Australia
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 637, 1 March 2024, 111985 [\[Link\]](#)
- SR-24-006 Homa Rostami, Tobias Richter, Anthony Henry Ruter, Ghasem Azizi, Hojjat Darabi, Sahar Maleki**
High-resolution, multi-proxy reconstruction of central Zagros paleoclimate and paleoenvironment from the Late Pleistocene to the Holocene
Quaternary International, Available online 11 February 2024 [\[Link\]](#)
- SR-24-007 Georgia Thomson-Laing, Jamie D. Howarth, Javier Atalah, Marcus J. Vandergoes, Xun Li, John K. Pearman, Sean Fitzsimons, Chris Moy, Adelaide Moody, Claire Shepherd, Nicholas McKay, Susanna A. Wood**
Sedimentary ancient DNA reveals the impact of anthropogenic land use disturbance and ecological shifts on fish community structure in small lowland lake
Science of The Total Environment, Volume 922, 20 April 2024, 171266 [\[Link\]](#)
- SR-24-008 Caitlin Wheeler, John K. Pearman, Jamie D. Howarth, Marcus J. Vandergoes, Katherine Holt, Steven A. Trewick, Xun Li, Lucy Thompson, Georgia Thomson-Laing, Mailys Picard, Chris Moy, Nicholas P. Mckay, Adelaide Moody, Claire Shepherd, Valerie van den Bos, Konstanze Steiner, Susanna A Wood**
A paleoecological investigation of recent cyanobacterial blooms and their drivers in two contrasting lakes
Harmful Algae, Volume 131, January 2024, 102563 [\[Link\]](#) [\[Link\]](#)
- SR-24-009 Wesley R. Farnsworth, Ólafur Ingólfsson, Skafti Brynjólfsson, Lis Allaart, Sofia E. Kjellman, Kurt H. Kjær, Nicolaj K. Larsen, Marc Macias-Fauria, Marie-Louise Siggaard-Andersen, Anders Schomacker**
Persistence of Holocene ice cap in northeast Svalbard aided by glacio-isostatic rebound
Quaternary Science Reviews, Volume 331, 1 May 2024, 108625 [\[Link\]](#)
- SR-24-010 Lucinda Cameron Duxbury, Lluka Yohanni Johns-Mead, Haidee Cadd, Alexander Francke, Stefan C. Löhr, Wallace Boone Law, Linda Armbrecht, Philip Anthony Hall, Atun Zawadzki, Geraldine E. Jacobsen, Patricia S. Gadd, David P. Child, Charles Maxson, Zoë Amber Thomas, Jonathan James Tyler**
Holocene climate and catchment change inferred from the geochemistry of Lashmars Lagoon, Kangaroo Island (Karti/Karta), southern Australia
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 634, 15 January 2024, 111928 [\[Link\]](#)
- SR-24-011 Niels J. Korsgaard, Kristian Svennevig, Anne S. Søndergaard, Gregor Luetzenburg, Mimmi Oksman, Nicolaj K. Larsen**
Evidence of Middle Holocene landslide-generated tsunamis recorded in lake sediments from Saqqaq, West Greenland
Natural Hazards and Earth System Sciences, Volume 24, issue 3, NHESS, 24, 757–772, 2024 [\[Link\]](#)
- SR-24-012 Alice R. Paine, Isabel M. Fendley, Joost Frieling, Tamsin A. Mather, Jack H. Lacey, Bernd Wagner, Stuart A. Robinson, David M. Pyle, Alexander Francke, Theodore R. Them II, Konstantinos Panagiotopoulos**
Mercury records covering the past 90 000 years from lakes Prespa and Ohrid, SE Europe
Biogeosciences, Volume 21, issue 2, BG, 21, 531–556, 2024 [\[Link\]](#)
- SR-24-013 S. Engels, C.S. Lane, W.Z. Hoek, I. Baneschi, A. Bouwman, E. Brogan, C. Bronk Ramsey, J. Collins, R. de Bruijn, A. Haliuc, O. Heiri, K. Hubay, G. Jones, V. Jones, A. Laug, J. Merkt, F. Muschitiello, M. Müller, T. Peters, F. Peterse, A. Pueschel, R.A. Staff, A. ter Schure, F. Turner, V. van den Bos, F. Wagner-Cremer**
Biodiversity responses to Lateglacial climate change in the subdecadally-resolved record of Lake Hämelsee (Germany)
Quaternary Science Reviews, Volume 331, 1 May 2024, 108634 [\[Link\]](#)
- SR-24-014 Peter M. Negus, Loraine Watson-Fox, Patrick Moss, Patricia S. Gadd, Quan Hua, Amirah Farrell, Judith Vink, Jonathan Ting**
Palaeoenvironmental support for long-term aquatic refugia in Australia's Great Artesian Basin discharge springs
Island Waters, <https://doi.org/10.1080/20442041.2024.2313392> [\[Link\]](#)

- SR-24-015 R Scott Anderson, Nathalie Dubois, Erik T Brown, Mona Stockhecke, Ronald Johnson**
Development of a landscape in NE Minnesota, from the Early Holocene to forest-harvesting, agriculture and industry
The Holocene, [\[Link\]](#) [\[Link\]](#)
- SR-24-016 Simon E. Connor, Tara Lewis, Jacqueline F.N. van Leeuwen, W.O. (Pim) van der Knaap, Hanno Schaefer, Nicholas Porph, Ana I. Gomes, Stephen B. Piva, Patricia Gadd, Petr Kuneš, Simon G. Haberle, Matthew A. Adeleye, Michela Mariani, Rui Bento Elias**
Original plant diversity and ecosystems of a small, remote oceanic island (Corvo, Azores): Implications for biodiversity conservation
Biological Conservation, Volume 291, March 2024, 110512 [\[Link\]](#)
- SR-24-017 Volker Wennrich, Christoph Böhm, Dominik Brill, Rafael Carballeira, Dirk Hoffmeister, Andrea Jaeschke, Florian Kerber, Antonio Maldonado, Simon Matthias May, Lester Olivares, Stephan Opitz, Janet Rethemeyer, Mark Reyers, Benedikt Ritter, Jan H. Schween, Fatma Sevinç, Johanna Steiner, Katharina Walber-Hellmann, Martin Melles**
Late Pleistocene to modern precipitation changes at the Paranal clay pan, central Atacama Desert
Global and Planetary Change, Volume 233, February 2024, 104349 [\[Link\]](#)
- SR-24-018 Harrison Stevens, Leon A. Barmuta, Zanna Chase, Krystyna M. Saunders, Atun Zawadzki, Patricia Gadd, Bernadette C. Proemse**
Identifying the key sources of metal (loid) deposition to remote Tasmanian lakes: is legacy mining a problem?
J Paleolimnol 71, 219–235 (2024) [\[Link\]](#)
- SR-24-019 Joseph F. Emmings, Jan A. I. Hennissen, Christopher H. Vane, Magret Damaschke, Lin Marvin, Vicky Moss-Hayes, Angela Lamb, Jack Lacey, Melanie J. Leng, Nick J. Riley**
The Bowland Shale Formation in the Blacon Basin: syngenetic processes, stacking patterns and heat productivity
Communications Earth & Environment volume 5, Article number: 115 (2024) [\[Link\]](#)
- SR-24-020 Nicole R. Foster, Alice R. Jones, Oscar Serrano, Anna Lafratta, Paul S. Lavery, Kor-jent van Dijk, Ed Biffin, Bronwyn M. Gillanders, Jennifer Young, Pere Masque, Patricia S. Gadd, Geraldine E. Jacobsen, Atun Zawadzki, Andria Greene, Michelle Waycott**
Environmental DNA identifies coastal plant community shift 1,000 years ago in Torrens Island, South Australia
Communications Earth & Environment volume 5, Article number: 115 (2024) [\[Link\]](#)
- SR-24-021 Qingfeng Ma, Liping Zhu, Junbo Wang, Jianting Ju, Xinmiao Lü, Peter Frenzel, Torsten Haberzettl**
Southward shifts and enhancements of the westerlies over the Tibetan Plateau during North Atlantic cooling events
Quaternary Science Reviews, Volume 324, 15 January 2024, 108440 [\[Link\]](#)
- SR-24-022 Zhuo Wang, Qiang Qu, Dewen Ma, Xiaohuan Hou, Kejia Ji, Xiaoxue Gao, Kan Yuan, Tonggang Zang, Juzhi Hou**
Responses of Tibetan antelope population to environment changes during the Holocene
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 641, 1 May 2024, 112132 [\[Link\]](#)
- SR-24-023 Abdur Rahman, Wei-Cheng Chang, Kaoru Kashima, Yu Fukumoto, Jyh-Jaan Steven Huang, Ludvig Löwemark, Liang-Chi Wang, Yuan-Pin Chang**
Late Holocene paleoclimate reconstruction of northern Taiwan using a multiproxy approach in the Dream Lake sediment core
Quaternary International, Available online 1 March 2024 [\[Link\]](#)
- SR-24-024 Demet Biltekin, Abdülkadir Güzel, Mehmet Özcanlı, Dila Doğa Gökgöz, Mehmet Akbıyık**
Exploring pre-neolithic environmental dynamics: paleoecology around the Göbekli Tepe based on a multiproxy approach in southeastern Türkiye
Plant Soil, <https://doi.org/10.1007/s11104-024-06548-3> [\[Link\]](#)
- SR-24-025 Yingwei Di, Huan Wang, Yunfei Feng**
Sedimentary Components Responsibilities on the Holocene
Chem Technol Fuels Oils 60, 142–150 (2024) [\[Link\]](#)
- SR-24-026 Alicja Bonk, Mirosław Makohonienko, Wojciech Tylmann**
Human-induced fires and land-use change in Lubusz Land (western Poland) derived from Lake Lubińskie sedimentary record
<https://journals.sagepub.com/doi/full/10.1177/09596836231211818> [\[Link\]](#)
- SR-24-027 Colin Neil Waters, Simon Turner, Zhisheng An, Anthony Barnosky, Alejandro Cearreta, Andrew Cundy, Ian Fairchild, Barbara Fiałkiewicz-Kozieł, Agnieszka Gałuszka, Jacques Grinevald, Irka Hajdas, Yongming Han, Martin J. Head, Juliana Assunção Ivar do Sul, Catherine Jeandel, Reinhold Leinfelder, Francine McCarthy, John McNeill, Eric Odada, Naomi Oreskes, Clément Poirier, Daniel deB Richter, Neil Rose, Yoshiki Saito, William Shotyk, Colin Summerhayes, Jaia Syvitski, Davor Vidas, Michael Wagemreich, Mark Williams, Scott Wing, Jan Zalasiewicz, Jens Zinke**
Part 2: Descriptions of the proposed Crawford Lake GSSP and supporting SABs The Anthropocene Epoch and Crawfordian Age: proposals by the Anthropocene Working Group
AWG submission to the Subcommission on Quaternary Stratigraphy: Part 2 [\[Link\]](#)
- SR-24-028 Ido Sirota, Rik Tjallingii, Sylvia Pinkerneil, Birgit Schroeder, Marlen Albert, Rebecca Kearney, Oliver Heiri, Simona Breu, Achim Brauer**
Tracing rate and extent of human induced hypoxia during the last 200 years in the mesotrophic lake Tiefer See (NE Germany)
EGU Sphere [preprint], <https://doi.org/10.5194/egusphere-2024-835>, 2024. [\[Link\]](#)

SR-24-029 Adrián López-Quirós, Tuomas Junna, Joanna Davies, Katrine J. Andresen, Tove Nielsen, Negar Haghypour, Lukas Wacker, Aage Kristian Olsen Alstrup, Ole Lajord Munk, Tine L. Rasmussen, Christof Pearce, Marit-Solveig Seidenkrantz

Retreat patterns and dynamics of the former Norske Trough ice stream (NE Greenland): An integrated geomorphological and sedimentological approach

Quaternary Science Reviews, Volume 325, 1 February 2024, 108477

[\[Link\]](#)

SR-24-030 Boo-Keun Khim, Young Kwan Sohn, Min Kyung Lee, Sunghan Kim, Jae Il Lee, Kyu Cheul Yoo

Pleistocene glaciomarine laminated muds in the Central Basin of the northwestern Ross Sea and their palaeoceanographic records

Terra Nova, Volume 36, Issue 1, February 2024, Pages 37-44

[\[Link\]](#)

SR-24-031 Tongbing Fang, Shengfa Liu, Kaikai Wu, Hui Zhang, Peng Cao, Mu Huang, Lina Ai, Wenjing Qi, Jing Tao, Xuefa Shi

Sediment provenance variations driven by sea level in the eastern Arabian Sea since the MIS 9 period: Evidence from geochemical proxies

Journal of Asian Earth Sciences, Volume 266, 1 May 2024, 106121

[\[Link\]](#)

SR-24-032 Laura Dziomber, Erika Gobet, Maria Leunda, Lisa Gurtner, Hendrik Vogel, Nicolas Tournier, Adrianus Damanik, Sönke Szidat, Willy Tinner, Christoph Schwörer

Palaeoecological multiproxy reconstruction captures long-term climatic and anthropogenic impacts on vegetation dynamics in the Rhaetian Alps

Review of Palaeobotany and Palynology, Volume 321, February 2024, 105020

[\[Link\]](#)

SR-24-033 J. Garcia-Oteyza, S. Giralt, S. Pla-Rabes, D. Antoniadis, M. Oliva, H. Ghanbari, R. Osorio-Serrano, D. Palacios

A ~5000 year multiproxy record of summer climate in NE Greenland

Science of The Total Environment, Volume 906, 1 January 2024, 167713

[\[Link\]](#)

SR-24-034 Giulia Wienhues, Andrea Lami, Stefano Bernasconi, Madalina Jaggi, Marina A. Morlock, Hendrik Vogel, Andrew S. Cohen, Colin J. Courtney Mustaphih, Oliver Heiri, Leighton King, Mary A. Kishe, Pavani Misra, Moritz Muschick, Nare Ngoepe, Blake Matthews, Ole Seehausen, Yunuen Temoltzin-Loranca, Willy Tinner, Martin Grosjean

Latest Pleistocene and Holocene primary producer communities and hydroclimate in Lake Victoria, eastern Africa

Quaternary Science Reviews, Volume 330, 15 April 2024, 108599

[\[Link\]](#)

SR-24-035 Amin Ghafarpour, Farhad Khormali, Hossein Tazikeh, Martin Kehl, Manfred Frechen, Bernd Zolitschka

Loess origin and late Pleistocene environmental reconstruction for northeastern Iran: Multiproxy evidences from the Chenarli loess-paleosol sequence

Quaternary Science Reviews, Volume 328, 15 March 2024, 108545

[\[Link\]](#)

SR-24-036 Emma Ownsworth, Matthias Moros, Jeremy Lloyd, Ole Bennike, Jørn Bo Jensen, Thomas Blanz, David Selby

Multi-proxy palaeoenvironmental reconstruction of the Skagerrak from the Lateglacial to Middle Holocene

Boreas, 13 February 2024 <https://doi.org/10.1111/bor.12652>

[\[Link\]](#)

SR-24-037 Abdolmajid Naderi Beni, Guillaume Leduc, Morteza Djamali, Arash Sharifi, Nick Marriner, Kazuyo Tachikawa, Frauke Rostek, Rik Tjallingii, Hamid Lahijani, Mahboubeh Molavi Arabshahi, Marta Garcia, Laetitia Licari, Martin Tetard, Marie-Charlotte Bellinghery, Edouard Bard

Postglacial flooding and Holocene climate shifts in the Persian Gulf

J of Quaternary Science, <https://doi.org/10.1002/jqs.3614>

[\[Link\]](#)[\[Link\]](#)

SR-24-038 Jianing Fan, Yongbo Wang, Kai Cui

Three-century climate variations recovered from Lake Heilongtan in southwest China and potential Anthropogenic evidences

Science of The Total Environment, Volume 912, 20 February 2024, 169094

[\[Link\]](#)

SR-24-039 Jordan Palli, Lorenzo Monaco, Monica Bini, Emanuela Cosma, Biagio Giaccio, Adam Izdebski, Alessia Masi, Scott Mensing, Gianluca Piovesan, Veronica Rossi, Laura Sadori, Bernd Wagner, Giovanni Zanchetta

The recent evolution of the salt marsh 'Pantano Grande' (NE Sicily, Italy): interplay between natural and human activity over the last 3700 years

J of Quaternary Science, v39, Issue 2, p327-339

[\[Link\]](#)

SR-24-040 Yaqi Zhou, Liyuan Liu, Jingxuan Yang, Xingqi Liu

A Sedimentary Record of Holocene Earthquake Activity and Climate Change from Muge Co in Southeastern Tibetan Plateau

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4698586

[\[Link\]](#)

SR-24-041 Stefan Lauterbach, Frank H. Neumann, Rik Tjallingii, Achim Brauer

Re-investigation of the Bispingen palaeolake sediment succession (northern Germany) reveals that the Last Interglacial (Eemian) in northern-central Europe lasted at least ~15 000 years

Boreas, Volume 53, Issue 2, April 2024, Pages 243-261

[\[Link\]](#)

SR-24-042 Rachel K. Smedley, Kaja Fenn, Ian G. Stanistreet, Harald Stollhofen, Jackson K. Njau, Kathy Schick, Nicholas Toth

Age-depth model for uppermost Ndutu Beds constrains Middle Stone Age technology and climate-induced paleoenvironmental changes at Olduvai Gorge (Tanzania)

Journal of Human Evolution, Volume 186, January 2024, 103465

[\[Link\]](#)

- SR-24-043 Zeynep Bektaş, Ulaş Avşar, Matthieu Ribot, Yann Klinger, Sigurjón Jónsson**
Seismo-turbidites reveal locations of major earthquakes during the past millennium in the Gulf of Aqaba, southern Dead Sea Fault
Earth and Planetary Science Letters, Volume 629, 1 March 2024, 118595 [\[Link\]](#)[\[Link\]](#)
- SR-24-044 Marie Holst Riis, Lasse Sander, Lars Nielsen, Jan-Pieter Buylaert, Amélie Juliette Marie Challier, Nicolaj Krog Larsen**
Middle and Late Holocene relative sea level changes and coastal development at Rugård, Denmark
Boreas, Volume 53, Issue 1, January 2024, Pages 56-70 [\[Link\]](#)
- SR-24-045 H. Riechelson, Y. Rosenthal, S. Bova, R. S. Robinson**
Southern Ocean Biological Pump Role in Driving Holocene Atmospheric CO₂: Reappraisal
Geophysical Research Letters, Volume 51, Issue 4, 28 February 2024, e2023GL105569 [\[Link\]](#)
- SR-24-046 Wentao Huang, Qiang Fang, Runjian Chu, Shihong Zhang, Tianshui Yang, Haiyan Li, Meinan Shi, Huaichun Wu**
Millennial climate variability and organic matter accumulation under icehouse conditions
Gondwana Research, Volume 130, June 2024, Pages 187-202 [\[Link\]](#)
- SR-24-047 Katelyn N. McDonough, Daniel G. Gavin, Richard L. Rosencrance, Loren G. Davis, Stephen C. Kuehn, Morgan F. Smith, Grant Snitker, Chantel V. Saban, Ryan Szymanski**
Multi-proxy paleoenvironmental data from Paulina Marsh inform human-environmental dynamics in the Northern Great Basin U.S.A.
Quaternary Science Advances, Volume 14, June 2024, 100184 [\[Link\]](#)
- SR-24-048 David R. Zilkey, Alexandre Baud, Pierre Francus, Dermot Antoniades, Irene Gregory-Eaves**
A pan-Canadian calibration of micro-X-ray fluorescence core scanning data for prediction of sediment elemental concentrations
Environmental Advances, Volume 15, April 2024, 100495 [\[Link\]](#)
- SR-24-049 Xiumei Li, Sutao Liu, Kejia Ji, Xiaohuan Hou, Kan Yuan, Juzhi Hou, Jiqiang Niu, Junhui Yan, Wei Yan, Yifan Wang, Yun Wang**
Late Holocene human population change revealed by fecal stanol records and its response to environmental evolution at Xiada Co on the western Tibetan Plateau
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 636, 15 February 2024, 111993 [\[Link\]](#)
- SR-24-050 S. Cooley, M.-S. Fletcher, A. Lisé-Pronovost, J.-H. May, M. Mariani, P.S. Gadd, D.A. Hodgson, H. Heijnis**
Rainforest response to glacial terminations before and after human arrival in Lutruwita (Tasmania)
Quaternary Science Reviews, Volume 329, 1 April 2024, 108572 [\[Link\]](#)
- SR-24-051 Xiaotong Wei, Hanchao Jiang, Wei Shi, Jiawei Fan, Hongyan Xu, Weihua Hu, Xiangde Chang, Shuaitang Huang, Qiaoqiao Guo, Siqi Zhang, Yanming Yang, Yanwen Wang**
Earthquake supercycles and fault interaction over the past 32 ka in the Lake Ebinur area, Xinjiang, China
Science of The Total Environment, Volume 927, 1 June 2024, 172052 [\[Link\]](#)
- SR-24-052 Derek K Gibson, Jonathan Obrist-Farner, Brooke A Birkett, Jason H Curtis, Melissa A Berke, Peter MJ Douglas, Prudence M Rice, Jeremy Maurer**
The influence of tropical Atlantic sea-surface temperatures and the North Atlantic Subtropical High during the Maya Droughts
The Holocene, 34(2), 212-223 [\[Link\]](#) [\[Link\]](#)
- SR-24-053 Saroj Basnet, Andreas Burger, Zuzana Homolová, Frederik Märker, Mario Trouillier, Martin Wilmking**
Effect of bedrock, tree size and time on growth and climate sensitivity of Norway spruce in the High Tatras
Research Square, <https://doi.org/10.21203/rs.3.rs-3982159/v1> [\[Link\]](#)
- SR-24-054 D. Sassoon, W. J. Fletcher, K. H. Roucoux, P. Ryan, I. T. Lawson, E. N. Honorio Coronado, J. Del Aguila Pasquel, T. Bishop, C. M. Åkesson, A. Hastie**
Influence of flooding variability on the development of an Amazonian peatland
J of Quaternary Science, Volume 39, Issue 2, February 2024, Pages 309-326 [\[Link\]](#)
- SR-24-055 Carolina Franco, Antonio Maldonado, Christian Ohlendorf, A. Catalina Gebhardt, María Eugenia de Porras, Amalia Nuevo-Delaunay, César Méndez, Bernd Zolitschka**
Holocene environmental and climate evolution of central west Patagonia as reconstructed from lacustrine sediments of Meseta Chile Chico (46.5° S, Chile)
Climate of the Past, Volume 20, issue 4, CP, 20, 817-839, 2024 [\[Link\]](#)
- SR-24-056 Léo Chassiot, Patrick Lajeunesse, Pierre Francus, Alexandre Normandeau, François Lapointe, Charly Massa, Arnaud De Coninck**
Landscape evolution and sediment delivery in a High Arctic proglacial lake, Ellesmere Island, Canadian Arctic Archipelago
Earth Surface Processes and Landforms, <https://doi.org/10.1002/esp.5811> [\[Link\]](#)
- SR-24-057 Marcel Ortler, Achim Brauer, Stefano C. Fabbri, Jean Nicolas Haas, Irka Hajdas, Kerstin Kowarik, Jochem Kueck, Hans Reschreiter, Michael Strasser**
Late Pleistocene to Holocene event stratigraphy of Lake Hallstatt (Salzkammergut, Austria): revealed by the Hipercorig drilling system and borehole logging
Scientific Drilling, Volume 33, issue 1, SD, 33, 1-19, 2024 [\[Link\]](#)

- SR-24-058 Foster, Ian., Boardman, John**
The Rother Valley : A Short History of a Lowland English River Catchment and Prospects for Future Management
Oxbow Books, 216 p. [\[Link\]](#)
- SR-24-059 Maaike Zwier, Willem G.M. van der Bilt, Tobias Schneider, William J. D'Andrea, Jostein Bakke, Nathalie Van der Putten, Anne E. Bjune**
Holocene changes in the position of the Southern Hemisphere Westerlies recorded by long-distance transport of pollen to the Kerguelen Islands
Quaternary Science Reviews, Volume 330, 15 April 2024, 108595 [\[Link\]](#)
- SR-24-060 Kürşad Kadir Eriş, Cerennaz Yakupoğlu, Demet Biltekin, Nurettin Yakupoğlu, Asen Sabuncu, Alina Polonia, Luca Gasperini**
Late Pleistocene-Holocene sea level and climate changes in the Gulf of Saros: Evidence from seismostratigraphic record and sediment core data
Quaternary International, Available online 2 April 2024 [\[Link\]](#)
- SR-24-061 Dominik Brill, Anja Zander, Pedro JM. Costa, Lisa Feist, Hannes Laermanns, Klaus Reicherter, Helmut Brückner**
Luminescence dating of tsunami deposits from the algarve shelf, Portugal
Quaternary Geochronology, Volume 81, April 2024, 101513 [\[Link\]](#)
- SR-24-062 Zofia Stachowska-Kamińska, Willem van der Bilt, Mateusz Strzelecki**
Not gone with the wind: 9,500-year sediment record of Arctic storminess favors internal climate control
available at Research Square [https://doi.org/10.21203/rs.3.rs-3710647/v1] [\[Link\]](#)
- SR-24-063 Andreea Gabriela Auer, Willem G. M. van der Bilt, Anders Schomacker**
Hydroclimate intensification aided Early Holocene Arctic glacier survival
Research Square, [\[Link\]](#)
- SR-24-064 Pål Ringkjøb Nielsen, Svein Olaf Dahl, Ingvild Prestegård, Kristian Vasskog, Benjamin Aubrey Robson**
Intensified Late-Holocene aeolian activity in Vesterålen, northern Norway – increased storminess or human impact?
The Holocene, 2024, Vol. 34(5) 554–567 [\[Link\]](#)
- SR-24-065 Niteshkumar Khonde, Kishor Katange, Gursewak Singh, Abhishek Kumar, D.M. Maurya, Liviu Giosan, Tathagata Ghosh**
Recent Sedimentation across Kori Creek in the Western Great Rann of Kachchh Basin: Insights from Tidal Network Changes, Sedimentological, Clay Mineralogical, and Rare Earth Element Studies
J. of Coastal Research, 40(2):289-302 (2024). https://doi.org/10.2112/JCOASTRES-D-23-00030.1 [\[Link\]](#)
- SR-24-066 Johannes Hardeng, Jostein Bakke, Jan Magne Cederstrøm, Jonas Forsmo, Thea Aske Haugen, Pierre Sabatier, Eivind Wilhelm Nagel Støren, Willem Godert Maria van der Bilt**
A 7000-year record of extreme flood events reconstructed from a threshold lake in southern Norway
Quaternary Science Reviews, Volume 331, 1 May 2024, 108659 [\[Link\]](#)
- SR-24-067 Euan L Soutter, Ian A Kane, James Edward Hunt, Veerle Huvenne, Miros Stavros James Charidemou, Rebecca Garnet, Michael Edwards, Brian J Bett, Furu Mienis, Rob Alan Hall, Andrew R Gates, Morgan Wolfe, Michael Andrew Clare**
Interactions between internal tides and turbidity currents: an under-recognized process in deep-marine stratigraphy?
ESS Open Archive . March 18, 2024. DOI: 10.22541/essoar.171078101.18643908/v1 [\[Link\]](#)
- SR-24-068 Fangming Zhang, Jiawei Fan, Hongyan Xu, Wei Shi, Xiaotong Wei, Hanchao Jiang, Wei Zhang, Jule Xiao**
Carbon Sequestration in a Typical Mountain Lake Associated with Earthquakes, Floods, Droughts, and Human Activities in Southern Altay During the Late Holocene
Available at SSRN: https://ssrn.com/abstract=4764468 or http://dx.doi.org/10.2139/ssrn.4764468 [\[Link\]](#)
- SR-24-069 Jodie McClintock, James Goff, Bruce McFadgen**
Reconstructing a palaeotsunami: Geomorphological and cultural change associated with a catastrophic 15th century event, Kāpiti Coast, Aotearoa/New Zealand
The Holocene, Volume 34, Issue 4, https://doi.org/10.1177/09596836231219484 [\[Link\]](#)
- SR-24-070 Brendan M. Llew-Williams, Francine M. G. McCarthy, Andrea M. Krueger, Nicholas L. Riddick, Michael D. MacKinnon, Krysten M. Lafond, R. Timothy Patterson, Nawaf A. Nasser, Martin J. Head, Michael F. J. Pisaric, Kevin W. Turner, Joseph I. Boyce, Uwe Brand**
Quantifying conditions required for varve formation in meromictic Crawford Lake, Ontario, Canada: important process for delimiting the Anthropocene epoch
J Paleolimnol 71, 101–124 (2024). https://doi.org/10.1007/s10933-023-00304-w [\[Link\]](#)
- SR-24-071 Young Jin Joe, Leonid Polyak, Kwangchul Jang, Christoph M. Vogt, Sookwan Kim, Jung Hyun Kim, Young Keun Jin, Jong Kuk Hong, Frank Niessen, Seung-II Nam**
Late Quaternary Glaciations on the Chukchi Margin, Arctic Ocean: Insights from Echo Sounding and Sediment Records
ESS Open Archive . March 05, 2024. DOI: 10.22541/essoar.170959980.09834177/v1 [\[Link\]](#)
- SR-24-072 Riley E. Steele, Eduard G. Reinhardt, Joe Boyce, Jeremy J. Gabriel, Tom Vosmer**
Closure of Khor Al Balid and Khor Rori harbours/estuaries with coastal uplift and aridity in the 12th – 15th c. CE and evidence for an extreme overwash event in the 18th – 19th c. CE: Implications for ancient port sites in southern Oman
Marine Geology, Volume 471, May 2024, 107282 [\[Link\]](#)

- SR-24-073 Aline Zinelabedin, Joel Mohren, Maria Wierzbicka-Wieczorek, Tibor Janos Dunai, Stefan Heinze, Benedikt Ritter**
Haloturbation in the northern Atacama Desert revealed by a hidden subsurface network of calcium sulphate wedges
egusphere-2024-592, <https://doi.org/10.5194/egusphere-2024-592> [\[Link\]](#)
- SR-24-074 Nicholas L. Balascio, William J. D'Andrea, Roger C. Creel, Leah Marshall, Moussa Dia, Stephen Wickler, R. Scott Anderson, Jacqueline Austermann, Kristian Vasskog, Pål Ringkjøb Nielsen, Svein Olaf Dahl**
Refining Holocene sea-level variations for the Lofoten and Vesterålen archipelagos, northern Norway: implications for prehistoric human–environment interactions
JOURNAL OF QUATERNARY SCIENCE (2024) 1–19 [\[Link\]](#)
- SR-24-075 Olalekan F. Olatunji, Olumide J. OKI**
Creating the Contemporary Christian Theatre: An X-Ray of Sight & Sound Theatres
Global Academic Journal of Humanities and Social Sciences, Available online at <https://www.gajrc.com>
DOI: 10.36348/gajhss.2024.v06i02.004 [\[Link\]](#)
- SR-24-076 Viviana M. Gamboa Sojo, Caterina Morig, Leonardo Langone, Renata G. Lucchi**
Deciphering Paleoceanographic Shifts Inferred from the Foraminiferal Record of the Western Svalbard Slope (Bellsund Drift) over the Past Century
J. Mar. Sci. Eng. 2024, 12(4), 559; <https://doi.org/10.3390/jmse12040559> [\[Link\]](#)
- SR-24-077 Ryoya Goto, Toshitsugu Yamazaki, Natsumi Okutsu, Juichiro Ashi**
Geomagnetic relative paleointensity and direction during the last 40,000 years obtained from a sediment core in the Nankai Trough
Goto et al. Earth, Planets and Space (2024) 76:4, <https://doi.org/10.1186/s40623-023-01945-x> [\[Link\]](#)
- SR-24-078 Daming Yang, Yongjian Huang, Xiang Li, Jianlei Gao, Shitao Yin, Chengshan Wang**
Grain-size component dependent storage threshold of orbital cycles in alluvial stratigraphy caused by autogenic dynamics
Sedimentology, <https://doi.org/10.1111/sed.13187> [\[Link\]](#)
- SR-24-079 Hermjan Barneveld, Roy Frings, Erik Mosselman, Jeremy Venditti, Maarten Kleinhans, Astrid Blom, Ralph Schielen, Willem Toonen, Douwe Meijer, Andries Paarlberg, Pepijn Denderen, Jurjen Jong, Joris Beemster, Lieke Melsen, A.J.F. (Ton) Hoitink**
Extreme River Flood Exposes Latent Erosion Risk From Human Control Measures
Research Square, DOI: 10.21203/rs.3.rs-3960904/v1 [\[Link\]](#)
- SR-24-080 Nick Schafstall, Helena Svitavská-Svobodová, Martin Kadlec, Mariusz Gałka, Petr Kuneš, Přemysl Bobek, Viktor Goliáš, Pavel Pech, Daniel Nývlt, Pavel Hubený, Niina Kuosmanen, Vachel A. Carter, Gabriela Florescu**
The absence of disturbances promoted Late Holocene expansion of silver fir (*Abies alba*) in the Bohemian Forest
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 635, 1 February 2024, 111950 [\[Link\]](#)
- SR-24-081 R. Gastineau, F.S. Anselmetti, S.C. Fabbri, P. Sabatier, P. Roeser, S. Gündüz, M. Şahin, E. Duarte, W. Rapuc, A.C. Gebhardt, S.O. Franz, F. Niessen, J. de Sigoyer**
Seismic stratigraphy and sediment cores reveal lake-level fluctuations in Lake Iznik (NW Turkey) over the past ~70 ka
Sedimentary Geology, Volume 464, 15 April 2024, 106620 [\[Link\]](#)
- SR-24-082 WANG Yutang, WANG Xiaqing, LIU Fenggui, WAN Dejun, TANG Xiangling, ZHI Zemin, ZHOU Kehan, HUANG Ping'an**
Geochemical distributions of sediments from the Zhegu Co by XRF core scanning and revealed environmental evolutions in the southern Qinghai-Xizang Plateau during the past 4400 years
Quaternary Sciences, v 44(2), 416-430 (2924) [\[Link\]](#)
- SR-24-083 Scarlett Zetter, Sandra Garcés-Pastor, Youri Lammers, Antony G Brown, Kevin Walsh, Tomasz Goslar, Sébastien Lavergne, Eric Coissac, PhyloAlps Consortium, Andreas Tribsch, Peter D Heintzman, Inger Greve Alsos**
SedaDNA shows that transhumance of domestic herbivores has enhanced plant diversity over the Holocene in the Eastern European Alps
The Holocene, 1–14, 2024, <https://doi.org/10.1177/095968362413073> [\[Link\]](#)
- SR-24-084 Jane L. Earland, James D. Scourse, Tobias Ehmen, Sev Kender, Philippa Ascough**
Identification of the Storegga event offshore Shetland
Marine Geology, Volume 474, , August 2024, 107334 [\[Link\]](#)
- SR-24-085 Shayan Kabiri, Nick M. Holden, Rory P. Flood, Jonathan N. Turner, Sharon M. O'Rourke**
X-ray Fluorescence Core Scanning for High-Resolution Geochemical Characterisation of Soils
Soil Syst. 2024, 8, 56. <https://doi.org/10.3390/soilsystems8020056> [\[Link\]](#)
- SR-24-086 T. Schneider, I.S. Castañeda, B. Zhao, S. Krüger, J.M. Salacup, R.S. Bradley**
Tracing Holocene temperatures and human impact in a Greenlandic Lake: Novel insights from hyperspectral imaging and lipid biomarkers
Quaternary Science Reviews, Volume 339, 1 September 2024, 108851 [\[Link\]](#)

- SR-24-087 Richard A. Staff, David C.W. Sanderson, Charlie L. Rex, Alan Cresswell, Masayuki Hyodo, Ikuko Kitaba, Michael H. Marshall, Gordon Schlolaut, Keitaro Yamada, Yoshiaki Suzuki, Vanessa Nowinski, Ryuji Tada, Takeshi Nakagawa**
A luminescence-derived cryptostratigraphy from the Lake Suigetsu sedimentary profile, Japan: 45,000–30,200 IntCal20 yr BP
Quaternary Geochronology, Volume 83, August 2024, 101588 [\[Link\]](#)
- SR-24-088 Daniela Piraquive-Bermúdez, Hermann Behling, Bernd Zolitschka, Thomas Giesecke**
Late Quaternary Araucaria forest and Campos (grasslands) vegetation dynamics inferred from a high-resolution pollen record from Lagoa Dourada in southern Brazil
Quaternary Science Reviews, Volume 333, 1 June 2024, 108685 [\[Link\]](#)
- SR-24-089 Matthew S. Forbes, Samuel K. Marx, Tim J. Cohen, Bryce Sherborne-Higgins, Alexander Francke, Germanas Peleckis, Brian G. Jones, Anthony Dosseto, Haidee Cadd, Elizabeth Swallow, Mark Raven, Dioni I. Cendón, Mark A. Peterson**
Busting the dust: Evaluating local vs distal sources in Quaternary sediments at Thirlmere Lakes
Applied Geochemistry, Volume 172, October 2024, 106121 [\[Link\]](#)
- SR-24-090 Ekaterina Ponomarenko, Tatiana Pugacheva, Liubov Kuleshova**
Palaeoecological Conditions in the South-Eastern and Western Baltic Sea during the Last Millennium
preprints.org > environmental and earth sciences > geography > doi: 10.20944/preprints202405.1301.v1 [\[Link\]](#)
- SR-24-091 Alexandra Noti, Maria Geraga, Lucas J Lourens, Ioannis Iliopoulos, Andreas G Vlachopoulos, George Papatheodorou**
Imprints of Holocene aridity variability in the Aegean Sea and interconnections with north-latitude areas
The Holocene, 1–15, © The Author(s) 2024, https://doi.org/10.1177/09596836241247300 [\[Link\]](#)
- SR-24-092 Martin Steiner, Claire Rambeau, Samuel K. Marx, Jan--Hendrik May, Hendrik Vogel, Frank Preusser**
First assessment of changes in dust sources in the black forest during the Holocene: case study at Wildseemoor
Quaternaire, Volume 35 Numéro 1 [\[Link\]](#)
- SR-24-093 Guosheng Chen, Shiyun Peng, Hung-Ling Tsai, Deming Kong, Min-Te Chen, Gangjian Wei, Zhiguang Song**
Asian monsoonal temperature and environmental changes since the penultimate deglaciation as revealed by alkenones and alkanes in sediments from the northern South China Sea
Journal of Asian Earth Sciences, Volume 270, 1 July 2024, 106216 [\[Link\]](#)
- SR-24-094 Ivan Razum, Ozren Hasan, Dea Brunović, Hartmut Schulz, Nikolina Ilijanić, Gordana Beg Paklar, Arne Ramisch, Biagio Giaccio, Martina Šparica Miko, Lorenzo Monaco, Slobodan Miko**
Influence of changing water mass circulation on detrital component and carbon burial of late Pleistocene and Holocene sediments in the eastern-central Mid-Adriatic deep
Marine and Petroleum Geology, Volume 167, September 2024, 106985 [\[Link\]](#)
- SR-24-095 Taufan Wiguna, Fareza Sasongko Yuwono, Rina Zuraida, Agus Atmadipoera, Hendrik Vogel, Adrianus Damanik, Nicolas Tournier, Sri Yudawati Cahyarini**
Paleoproductivity drivers in the Banggai Waters, Sulawesi, Indonesia: Insights from elemental analysis of marine surface sediment
BIO Web Conf., Volume 106, 2024 [\[Link\]](#)
- SR-24-096 Jane Earland, James Scourse, Tobias Ehmen, Sev Kender**
Identification of the Storegga Tsunami offshore Shetland: implications for seabed infrastructure hazard risk assessment
EGU24-11569, updated on 09 Mar 2024, https://doi.org/10.5194/egusphere-egu24-11569 [\[Link\]](#)
- SR-24-097 Wojciech Tylmann, Anna Pędziszewska, Maurycy Żarczyński, Małgorzata Latałowa, Bernd Zolitschka**
Lake level fluctuations and varve preservation – The sediment record from Lake Suminko (Poland) reflects European paleoclimatic changes
Quaternary Science Reviews, Volume 339, 1 September 2024, 108854 [\[Link\]](#)
- SR-24-098 Thomas J. Sloan, Joshua Ratcliffe, Russell. Anderson, W. Roland Gehrels, Peter Gilbert, Dmitri Mauquoy, Anthony J. Newton, Richard J. Payne, Justyna Serafin, Roxane Andersen**
Potential for large losses of carbon from non-native conifer plantations on deep peat over decadal timescales
SSRN: https://ssrn.com/abstract=4852951 or http://dx.doi.org/10.2139/ssrn.4852951 [\[Link\]](#)
- SR-24-099 Jan A. I. Hennissen, Joseph F. Emmings, Robert Raine, Edward Hough, Christopher H. Vane, Max Page, Vicky Moss-Hayes, Jack Lacey, Melanie Leng**
The Bowland Shale Formation in the Blacon Basin: palaeoecology and resource potential
https://www.lyellcollection.org/doi/full/10.1144/SP534-2022-211 [\[Link\]](#)
- SR-24-100 Fernanda Charqueño-Celis, Nathalie Dubois, Bernd Zolitschka, Liseth Pérez, Christoph Mayr, Julieta Massafarro**
Climate and environmental history of Laguna Polo, Santa Cruz, Southern Patagonia (49°S) since 1300 CE
J Paleolimnol (2024). https://doi.org/10.1007/s10933-024-00328-w [\[Link\]](#)[\[Link\]](#)
- SR-24-101 Francois Lapointe, Ambarish V. Karmalkar, Raymond S. Bradley, Michael J. Retelle, Feng Wang**
Climate extremes in Svalbard over the last two millennia are linked to atmospheric blocking
Nature Communications volume 15, Article number: 4432 (2024) [\[Link\]](#)

- SR-24-102** Olivia J. Truax, Christina R. Riesselman, Gary S. Wilson, Craig L. Stevens, Rebecca L. Parker, Jae Il Lee, Robert M. McKay, Brad E. Rosenheim, Catherine E. Ginnane, Jocelyn C. Turnbull, Heung Soo Moon, Min Kyung Lee, Bob Dagg, Kyu-Cheul Yoo
Holocene paleoceanographic variability in Robertson Bay, Ross Sea, Antarctica: A marine record of ocean, ice sheet, and climate connectivity
Quaternary Science Reviews, Volume 332, 15 May 2024, 108635 [\[Link\]](#)
- SR-24-103** Lorenz Schwark, Wolfgang Ruebsam
Climate cyclicity-controlled recurrent bottom-water ventilation events in the aftermath of the Toarcian Oceanic Anoxic Event: the Jenkyns Event
International Journal of Earth Sciences, <https://doi.org/10.1007/s00531-024-02417-7> [\[Link\]](#)
- SR-24-104** Cunlin Li, Liping Zhu, Qingfeng Ma, Jianting Ju, Jiuju Cheng, Marco A. Aquino-López, Run Zhang, Qiangqiang Kou, Xinmiao Lü, Junbo Wang
Relationship between human activities and environmental changes in the southern Tibetan Plateau since the Little Ice Age
Science of The Total Environment, Volume 943, 15 September 2024, 173741 [\[Link\]](#)
- SR-24-105** Markus Czymzik, Marcus Christl, Olaf Dellwig, Raimund Muscheler, Daniela Müller, Jérôme Kaiser, Markus J Schwab, Carla KM Nantke, Achim Brauer, Helge W Arz
Synchronizing the Western Gotland Basin (Baltic Sea) and Lake Kälksjön (central Sweden) sediment records using common cosmogenic radionuclide production variations
The Holocene, Volume 34, Issue 5 [\[Link\]](#)
- SR-24-106** Berry L Williams, Stephen J Burns, Nick Scropton, Laurie R Godfrey, Benjamin H Tiger, Brian Yellen, Robin R Dawson, Peterson Faina, David McGee, Lovasoa Ranivoharimanana
A speleothem record of hydroclimate variability in northwestern Madagascar during the mid-late Holocene
The Holocene, 0(0). <https://doi.org/10.1177/09596836231225725> [\[Link\]](#)
- SR-24-107** M. Atkinson, A. Normandeau, N. Van Nieuwenhove, A. de Vernal, M. Saunders, J. Woollett, A. Limoges
Labrador Coastal Current and productivity variations offshore Nain (Nunatsiavut) during the late Holocene
Quaternary Science Reviews, Volume 337, 1 August 2024, 108790 [\[Link\]](#)
- SR-24-108** Wei Wei, David B. Kemp, Yongchao Lu, Zhixiang Wang, Yiquan Ma, Huiming Liu, Shoupeng Zhang, Jingyu Zhang, Xiaohua Teng, Leslie J. Robbins, Kurt Konhauser
Astronomically forcing salinity variations in a marginal-marine environment, Bohai Bay Basin, NE China
Chemical Geology, Volume 665, 5 October 2024, 122300 [\[Link\]](#)
- SR-24-109** Hadi Gerivani, Abdolmajid Naderi Beni, Suzanne A.G. Leroy, Hamid K.A. Lahijani
Environmental history of the South Caspian Sea basin and its relation to the Siberian High dynamics since 14,000 years ago
Marine Geology, Volume 475, September 2024, 107356 [\[Link\]](#)
- SR-24-110** Joanna Davies, Kirsten Fahl, Matthias Moros, Alice Carter-Champion, Henrieka Detlef, Ruediger Stein, Christof Pearce, Marit-Solveig Seidenkrantz
Sea-ice conditions from 1880 to 2017 on the Northeast Greenland continental shelf: a biomarker and observational record comparison
The Cryosphere, Volume 18, issue 7 TC, 18, 3415–3431, 2024 [\[Link\]](#)
- SR-24-111** Tiantai Sun, Wenqing Yang, Huaineng Tang, Yikang Huang, Hongwei Liu, Liang Zhou, Yang Yang, Qibin Xu, Yuesong Gao, Zhouqing Xie
Precipitation variation in the northern South China Sea of the last 700 years reconstructed by lagoon sediments
Marine Geology, Volume 475, September 2024, 107364 [\[Link\]](#)
- SR-24-112** Leandro Domingos-Luz, Michael J Soreghan, Giliane G Rasbold, Geoffrey S Ellis, Justin E Birdwell, Ishmael A Kimirei, Christopher A Scholz, Michael M McGlue
Middle and Late Holocene paleolimnological changes in central Lake Tanganyika: Integrated evidence from the Kavala Island Ridge (Tanzania)
The Holocene, 0(0). <https://doi.org/10.1177/09596836241254475> [\[Link\]](#)
- SR-24-113** Lucrezia Masci, Georgios C. Liakopoulos, Raphael Gromig, Elias Kolovos, Katerina Kouli, Matthias Moros, Laura Sadori, Alexander Sarantis, Philip Slavin, Jakub Sypiański, Georgios Vidras, Cristiano Vignola, Bernd Wagner, Adam Izdebski, Alessia Masi
Consilience in practice: social–ecological dynamics of the Lake Volvi region (Greece) during the last two millennia
JOURNAL OF QUATERNARY SCIENCE (2024) 1–22 [\[Link\]](#)
- SR-24-114** Laura Boyall, Celia Martin-Puertas, Rik Tjallingii, Alice M. Milner, Simon P. E. Blockley
Holocene climate evolution and human activity as recorded by the sediment record of lake Diss Mere, England
J Quaternary Science, Volume 39, Issue 6, August 2024, Pages 972–986 [\[Link\]](#)
- SR-24-115** Juliane Romahn, Damian Baranski, Alexandra Schmidt, Jérôme Kaiser, Helge Arz, Laura S. Epp, Anke Kremp, Miklós Bálint
Glimpse of past dynamics: A new set of phytoplankton primers for sedaDNA
Environmental DNA. 2024;6:e577. [\[Link\]](#)

- SR-24-116 Wenjia Li, Xianyong Cao, Kathleen Stoof-Leichsenring, Xiaohuan Hou, Shi-Yong Yu, Fang Tian, Ulrike Herzschuh**
Holocene lake response to glacier and catchment changes on the eastern Tibetan Plateau from quantitative conductivity reconstructions based on sedaDNA-derived macrophyte records
Quaternary Science Reviews, Volume 338, 15 August 2024, 108806 [\[Link\]](#)
- SR-24-117 Pierrick Fenies, Maria-Angela Bassetti, Natalia Vazquez Riveiros, Sze Ling Ho, Yuan-Pin Chang, Ludvig Löwemark, Florian Bretonnière, Nathalie Babonneau, Gueorgui Ratzov, Shu-Kun Hsu, Chih-Chieh Su**
Changes in the particulate organic carbon pump efficiency since the Last Glacial Maximum in the northwestern Philippine Sea
Quaternary Science Advances, Available online 28 July 2024, 100223 [\[Link\]](#)
- SR-24-118 Daniel Gademann, Nino Ustiashvili, Luka Adikashvili, Levan Navrozashvili, Nathaniel Erb-Satullo, W. Marijn van der Meij, Giorgi Kirkitadze, Tiiu Koff, Mikheil Elashvili, Helmut Brückner, Hannes Laermanns**
The Lake Paravani archive – a contribution to the late Quaternary landscape evolution of the Lesser Caucasus (Georgia)
Boreas, <https://doi.org/10.1111/bor.12669> [\[Link\]](#)
- SR-24-119 Leighton King, Giulia Wienhues, Pavani Misra, Wojciech Tylmann, Andrea Lami, Stefano M. Bernasconi, Madalina Jaggi, Colin Courtney-Mustaphi, Moritz Muschick, Nare Ngoepe, Salome Mwaiko, Mary A. Kiske, Andrew Cohen, Oliver Heiri, Ole Seehausen, Hendrik Vogel, Martin Grosjean, Blake Matthews**
Anthropogenic Eutrophication Drives Major Food Web Changes in Mwanza Gulf, Lake Victoria
Ecosystems (2024) 27: 577–591, <https://doi.org/10.1007/s10021-024-00908-x> [\[Link\]](#)
- SR-24-120 Michael-Shawn Fletcher, Anthony Romano, Agathe Lisé-Pronovost, Michela Mariani, William Henriquez, Patricia Gadd, Hendrik Heijnis, Dominic Hodgson, Maarten Blaauw, Andry Sculthorpe**
Reconciling 22,000 years of landscape openness in a renowned wilderness
Geographical Research, <https://doi.org/10.1111/1745-5871.12658> [\[Link\]](#)
- SR-24-121 Anatoly G. Revenko, Galina V. Pashkova**
Study of the chemical composition of coal and coal ash by X-ray fluorescence method: A review
X-Ray Spectrometry, <https://doi.org/10.1002/xrs.3444> [\[Link\]](#)
- SR-24-122 Niklas Leicher, Lorenzo Monaco, Biagio Giaccio, Sebastien Nomade, Alison Pereira, Giorgio Mannella, Sabine Wulf, Gianluca Sottili, Danilo M. Palladino, Giovanni Zanchetta, Bernd Wagner**
Central Mediterranean tephrochronology for the time interval 250–315 ka derived from the Fucino sediment succession
Boreas, Volume 53, Issue 2, April 2024, Pages 164-185 [\[Link\]](#)
- SR-24-123 Zhengquan Yao, Xuefa Shi, Qiuzhen Yin, Samuel Jaccard, Yanguang Liu, Zhengtang Guo, Sergey A. Gorbarenko, Kunshan Wang, Tianyu Chen, Zhipeng Wu, Qingyun Nan, Jianjun Zou, Hongmin Wang, Jingjing Cui, Anqi Wang, Gongxu Yang, Aimei Zhu, Aleksandr Bosin, Yuriy Vasilenko, Yonggui Yu**
Ice sheet and precession controlled subarctic Pacific productivity and upwelling over the last 550,000 years
Nature Communications volume 15, Article number: 3489 (2024) [\[Link\]](#)
- SR-24-124 Xiaocong Luan, Colin D. Sproat, Jisuo Jin, Renbin Zhan**
Depositional environments, hematite–chamosite differentiation and origins of Middle Ordovician iron ooids in the Upper Yangtze region, South China
Sedimentology, <https://doi.org/10.1111/sed.13213> [\[Link\]](#)
- SR-24-125 Adam D. Sproson, Yusuke Yokoyama, Yosuke Miyairi, Takahiro Aze, Vincent J. Clementi, Hailey Riechelson, Samantha C. Bova, Yair Rosenthal, Laurel B. Childress, the Expedition 379T Scientists**
Near-synchronous Northern Hemisphere and Patagonian Ice Sheet variation over the last glacial cycle
Nature Geoscience volume 17, pages 450–457 (2024) [\[Link\]](#)
- SR-24-126 Martin H. Trauth, Asfawossen Asrat, Markus L. Fischer, Peter O. Hopcroft, Verena Foerster, Stefanie Kaboth-Bahr, Karin Kindermann, Henry F. Lamb, Norbert Marwan, Mark A. Maslin, Frank Schaebitz, Paul J. Valdes**
Early warning signals of the termination of the African Humid Period(s)
Nature Communications volume 15, Article number: 3697 (2024) [\[Link\]](#)
- SR-24-127 Ting Li, Youping Zhou, Chris M. Wurster, Xiuwen Zhou, Yu Zhao, Rainy Comley, Niels C. Munksgaard, Lucas A. Cernusak, Jordahna Haig, Michael I. Bird**
Vegetation and precipitation change inferred from the $\delta^{13}\text{C}$ and $\delta^2\text{H}$ values of n-alkanes from lake sediment from 18 cal ka BP, tropical NE Australia
Quaternary Science Reviews, Volume 337, 1 August 2024, 108807 [\[Link\]](#)
- SR-24-128 Danielle M. Alderson, Martin G. Evans, Mark H. Garnett, Fred Worrall**
Aged carbon mineralisation from headwater peatland floodplains in the Peak District, UK
Geomorphology, Volume 461, 15 September 2024, 109271 [\[Link\]](#)
- SR-24-129 Julia R. Hagemann, Frank Lamy, Helge W. Arz, Lester Lembke-Jene, Alexandra Auderset, Naomi Harada, Sze Ling Ho, Shinya Iwasaki, Jérôme Kaiser, Carina B. Lange, Masafumi Murayama, Kana Nagashima, Norbert Nowaczyk, Alfredo Martínez-García, Ralf Tiedemann**
A marine record of Patagonian ice sheet changes over the past 140,000 years
PNAS 2024 Vol. 121 No. 12 e2302983121 [\[Link\]](#)

- SR-24-130 Anja S. Studer, Lars Wörmer, Hendrik Vogel, Nathalie Dubois, Maciej Bartosiewicz, Kai-Uwe Hinrichs, Fabio Lepori, Moritz F. Lehmann**
First lacustrine application of the diatom-bound nitrogen isotope paleo-proxy reveals coupling of denitrification and N₂ fixation in a hyper-eutrophic lake
Limnology and Oceanography, <https://doi.org/10.1002/lno.12627> [\[Link\]](#)
- SR-24-131 Alice Paine, Joost Frieling, Timothy Shanahan, Tamsin Mather, Nicholas McKay, Stuart Robinson, David Pyle, Isabel Fendley, Ruth Kiely, William Gosling**
New evidence for millennial-scale interactions between Hg cycling and hydroclimate from Lake Bosumtwi, Ghana
egusphere-2024-2123 [\[Link\]](#)
- SR-24-132 Samantha R. Ritzer, Shane Schoepfer, Bella Bussian, Una C. Farrell, Tiffani Fraser, Charles M. Henderson, Junyao Kang, Chiza N. Mwinde, Austin Patch, Erik A. Sperling**
The relationship between total organic carbon and bottom water redox state in North American black shales
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 649, 1 September 2024, 112266 [\[Link\]](#)[\[Link\]](#)
- SR-24-133 Martin Dahl, Martin Gullström, Irene Bernabeu, Oscar Serrano, Carmen Leiva-Dueñas, Hans W. Linderholm, Maria E. Asplund, Mats Björk, Tinghai Ou, J. Robin Svensson, Elinor Andrén, Thomas Andrén, Sanne Bergman, Sara Braun, Anneli Eklöf, Zilvinas Ežerinskis, Andrius Garbaras, Petter Hällberg, Elin Löfgren, Malin E. Kylander, Pere Masqué, Justina Šapolaitė, Rienk Smittenberg, Miguel A. Mateo**
A 2,000-Year Record of Eelgrass (*Zostera marina* L.) Colonization Shows Substantial Gains in Blue Carbon Storage and Nutrient Retention
Global Biogeochemical Cycles, 38, e2023GB008039. <https://doi.org/10.1029/2023GB008039> [\[Link\]](#)
- SR-24-134 Madeleine E. Aucoin, Zoë Rabinovitch, Jennifer Pham, David R. Zilkey, Irene Gregory-Eaves**
Erosion and rising primary production correlate with shifts in cladoceran community composition across three eastern Canadian lake records
Journal of Paleolimnology, <https://doi.org/10.21203/rs.3.rs-5182010/v1> [\[Link\]](#)
- SR-24-135 E Rae Tennent, Daniel P Maxbauer, Charles E Umbanhowar**
Shallow lake response to Holocene climate variation in south-central Minnesota, USA
The Holocene, <https://doi.org/10.1177/09596836241266> [\[Link\]](#)[\[Link\]](#)
- SR-24-136 Alexandre J. Paquette, Srijak Bhatnagar, Agasteswar Vadlamani, Timber Gillis, Varada Khot, Breda Novotnik, Hector De la Hoz Siegler, Marc Strous, Jayne E. Rattray**
Ecology and biogeochemistry of the microbial underworld in two sister soda lakes
Research Square, <https://doi.org/10.21203/rs.3.rs-3861392/v1> [\[Link\]](#)
- SR-24-137 Svein Olaf Dahl, Pål Ringkjøb Nielsen**
Early Holocene occurrence of loess in Follidal, east-central southern Norway: Identification, origin and palaeoclimatic significance
The Holocene, <https://doi.org/10.1177/095968362412473> [\[Link\]](#)
- SR-24-138 Giorgia Beffa, Erika Gobet, Luc Hächler, Ilaria Isola, Marina A Morlock, Laura Sadori, Patrick Schläfli, Fabian Rey, Lieveke van Vugt, Hendrik Vogel, Paul D Zander, Giovanni Zanchetta, Martin Grosjean, Willy Tinner**
A novel, continuous high-resolution palaeoecological record from central Italy suggests comparable land-use dynamics in Southern and Central Europe during the Neolithic
The Holocene, 2024, Vol. 34(8) 1009–1024 [\[Link\]](#)
- SR-24-139 Amandine Morereau, Hugo Lepage, David Claval, Catherine Cossonnet, Jean-Paul Ambrosi, Brice Mourier, Thierry Winiarski, Yoann Copard, Frederique Eyrolle**
Trajectories of technogenic tritium in the Rhône River (France)
HAL Id: hal-02928805, <https://hal.science/hal-02928805> [\[Link\]](#)
- SR-24-140 Nick Schafstall, Helena Svitavská-Svobodová, Martin Kadlec, Mariusz Gałka, Petr Kuneš, Přemysl Bobek, Viktor Goliáš, Pavel Pech, Daniel Nývlt, Pavel Hubený, Niina Kuosmanen, Vachel A. Carter, Gabriela Florescu**
The absence of disturbances promoted Late Holocene expansion of silver fir (*Abies alba*) in the Bohemian Forest
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 635, 1 February 2024, 111950 [\[Link\]](#)
- SR-24-141 Vanessa Volpi, Lorenzo Cangeloni, Davide Susini, Alessandro Donati**
Tracing holocene paleoenvironmental changes along the northern Tyrrhenian coast (Cornia and Pecora coastal plains, Tuscany, Italy): data from geochemical and sedimentological proxies
Quaternary International, Available online 15 June 2024 [\[Link\]](#)
- SR-24-142 Daniel Gebregiorgis, Daniel M. Deocampo, Verena Foerster, Fred J. Longstaffe, Jeremy S. Delaney, Frank Schaebitz, Annett Junginger, Monika Markowska, Stephan Opitz, Martin H. Trauth, Henry F. Lamb, Asfawossen Asrat**
Modern Sedimentation and Authigenic Mineral Formation in the Chew Bahir Basin, Southern Ethiopia: Implications for Interpretation of Late Quaternary Paleoclimate Records
Front. Earth Sci. 9:607695., doi: 10.3389/feart.2021.607695 [\[Link\]](#)
- SR-24-143 Maciej M. Telesiński, Małgorzata Kucharska, Magdalena Łącka, Marek Zajączkowski**
A late response of the sea-ice cover to Neoglacial cooling in the western Barents Sea
The Holocene, 2024, Vol. 34(8) 1088–1096 [\[Link\]](#)

- SR-24-144 Ian G. Gleadall, Hassan Moustahfid, Warwick H. H. Sauer, Lahsen Ababouch, Alexander I. Arkhipkin, Jilali Bensbai, Isa Elegbede, Abdelmalek Faraj, Pedro Ferreiro-Velasco, Roberto González-Gómez, Carmen González-Vallés, Unai Markaida, Piedad S. Morillo-Velarde, Graham J. Pierce, Stacy Pirro, Cristina Pita, Katina Rumbedakis, Yasunori Sakurai, David Scheel, Paul W. Shaw, Pedro Veiga, Demian A. Willette, Andreas Winter, Tadanori Yamaguchi**
Towards global traceability for sustainable cephalopod seafood
Marine Biology, Volume 171, article number 44, (2024) [\[Link\]](#)
- SR-24-145 Alan N. Williams**
An amazing 50 years of Australian research: Now for greater collaboration, codesign and traditional knowledge application to developing policy and action
AUSTRALIAN ARCHAEOLOGY2024, VOL. 90, NO. 1, 130–132<https://doi.org/10.1080/03122417.2024.2317588> [\[Link\]](#)
- SR-24-146 SUN Shuwei, ZHAO Song, LIU Yanguang, WU Dong, HU Ningjing**
Changes in sediment sources in the southern slope of Iceland since the Last Glacial Maximum and their response to the adjacent ice sheets
MARINE GEOLOGY & QUATERNARY GEOLOGY, ISSN 0256-1492 [\[Link\]](#)
- SR-24-147 Nowaczyk, N., Liu, J., Hagemann, J., Arz, H. W., Iwasaki, S., Murayama, M**
agnetostratigraphic data from marine sediments off Patagonia, SE Pacific – cores from expedition MR16-09 Leg 2, Japanese RV Mirai, 2017
<https://doi.org/10.5880/GFZ.4.3.2024.003>, https://gfzpublic.gfz-potsdam.de/pubman/item/item_5032929 [\[Link\]](#)
- SR-24-148 Carol V. Tadros, Debashish Mazumder, Patricia S. Gadd, Jagoda Crawford, Paul Saeki**
Kakadu plum (*Terminalia ferdinandiana* Exell.): Provenance authentication to support first nations enterprises, regulators, and consumers
Food Control, Volume 172, June 2025, 111158 [\[Link\]](#)
- SR-24-149 Bernd Zolitschka**
Sintfluten und Feuer archivierte in Maarsee-Sedimenten. Entschlüsselung der holozänen Umweltgeschichte im Süden Australiens
GMIT 97 · September 2024, p24-25 [\[Link\]](#)
- SR-24-150 Noble, Josephine; Abbott, Dallas**
Can We Use Unusual Events to Date Local Sediments and to Develop a Longer Pollution and Volcanic Ash History for the Hudson River?
American Geophysical Union, 2024-12-13 [\[Link\]](#)
- SR-24-151 Jonathan C. Marshall, John Tibby, Patrick Moss, Hailey Martin, Allen Gontz, Annie Lau, Geraldine E. Jacobsen, Haidee Cadd, Patricia S. Gadd, Peter Negus, GLENN B. Mcgregor, Harald Hofmann, Cameron Schulz, Cameron Barr, Sabika Maizma, Mike Hotchkis, Nicole Cloutier**
High-resolution analysis of sediments from Eighteen Mile Swamp (eastern Australia) records its transition from a fluctuating coastal lagoon to stable freshwater swamp
J of Quaternary Science, First published: 26 December 2024 <https://doi.org/10.1002/jqs.3677> [\[Link\]](#)
- SR-24-152 Studer, Anja S | Wörmer, Lars | Vogel, Hendrik | Dubois, Nathalie | Bartosiewicz, Maciej | Hinrichs, Kai-Uwe | Lepori, Fabio | Lehmann, Moritz F**
Diatom-bound and bulk sediment nitrogen isotope ratios, bulk sediment parameters, Ba/Ti ratio & heterocyst glycolipids in lacustrine sediment cores Figino19-2 and Figino18-2 from lake Lugano, Switzerland
PANGAEA, https://doi.org/10.1594/PANGAEA.967003 [\[Link\]](#)
- SR-24-153 Paul D. Zander, Maurycy Żarczyński, Wojciech Tylmann, Hendrik Vogel, Martin Grosjean**
Subdecadal Holocene Warm-Season Temperature Variability in Central Europe Recorded by Biochemical Varves
Volume51, Issue22, 28 November 2024, e2024GL110871 [\[Link\]](#)
- SR-24-154 Fiorenza Torricella, Ester Colizza, Gianluca Cornamusini, Paola Del Carlo, Federico Giglio, Jong Kuk Hong, Boo-Keun Khim, Gerhard Kuhn, Patrizia Macrì, Elisa Malinverno, Romana Melis, Leonardo Sagnotti, Bianca Scateni, Mirko Severi, Rita Traversi, Kyu-Cheul Yoo, Luca Zurli, Lucilla Capotondi**
Multiproxy quantitative paleoceanographic dataset from late Quaternary marine sediment archives in the western Ross Sea (Antarctica)
Data in Brief, Volume 57, December 2024, 110986 [\[Link\]](#)
- SR-24-155 Yu-Huang Chen, Chih-Chieh Su, Pai-Sen Yu, Ta-Wei Hsu, Sheng-Ting Hsu, Hsing-Chien Juan, Yuan-Pin Chang, Yu-Fang Ma, Shye-Donq Chiu**
Sedimentary Signatures of Super Typhoon Haiyan: Insight from Core Record in South China Sea
J. Mar. Sci. Eng. 2025, 13(1), 10; https://doi.org/10.3390/jmse13010010 [\[Link\]](#)
- SR-24-156 Takuto Kasuya, Yusuke Okazaki, Shinya Iwasaki, Kana Nagashima, Katsunori Kimoto, Frank Lamy, Julia R. Hagemann, Lester Lembke-Jene, Helge W. Arz, Masafumi Murayama, Carina B. Lange, Naomi Harada**
Orbital timescale CaCO₃ burial and dissolution changes of the Chilean margin in the subantarctic Pacific over the past 140 kyr
Progress in Earth and Planetary Science (2024) 11:56, https://doi.org/10.1186/s40645-024-00657-4 [\[Link\]](#)

- SR-24-157 Christoph Daxer, Katleen Wils, Arne Ramisch, Michael Strasser, Jasper Moernaut**
 Contrasting sedimentary and long-lasting geochemical imprints of seismic shaking in a small, groundwater-fed lake basin (Klopeiner See, Eastern European Alps)
Sedimentologia | 2024 | Issue 1 | eISSN 2813-415X [\[Link\]](#)
- SR-24-158 Linda Armbrecht, Christopher J S Bolch, Bradley Paine, Alan Cooper, Andrew McMinn, Craig Woodward, Gustaaf Hallegraeff**
 Recovering sedimentary ancient DNA of harmful dinoflagellates accumulated over the last 9000 years off Eastern Tasmania, Australia
ISME Communications, Volume 4, Issue 1, January 2024, ycae098, https://doi.org/10.1093/ismeco/ycae098 [\[Link\]](#)
- SR-24-159 Bernd Zolitschka, Frank Preusser, Junjie Zhang, Ines Hogrefe, Nikolaus Froitzheim, Philipp Böning, Patrick Schläfli, Felix Bittmann, Franz Binot, Manfred Frechen**
 Stratigraphy and dating of Middle Pleistocene sediments from Rodderberg, Germany
J of Quaternary Science, Volume 39, Issue 7, October 2024, Pages 1011-1030 [\[Link\]](#)
- SR-24-160 Loic Piret, Sebastien Bertrand, Carlos Moffat, Peter Feldens, Svenja Papenmeier, Helge Arz**
 Recent ice-contact delta formation in front of Pio XI glacier controls sedimentary processes in Eyre Fjord, Patagonia
Earth Surface Processes and Landforms, Volume 49, Issue 15, December 2024, Pages 5054-5068 [\[Link\]](#)
- SR-24-161 Fedorov, Grigory; Sadokov, Dmitry; Rudakov, Vsevolod; Fedorova, Irina; Ghazaryan, Larisa**
 HOLOCENE LACUSTRINE SEDIMENTATION PATTERNS ON LORI PLATEAU (SOUTH CAUCASUS)
GeoConference : SGEM; Sofia, Vol. 2024, Iss. 1.1, (2024). DOI:10.5593/sgem2024/1.1/s01.13 [\[Link\]](#)
- SR-24-162 Zofia Stachowska, Willem G. M. van der Bilt, Mateusz C. Strzelecki**
 Coastal lake sediments from Arctic Svalbard suggest colder summers are stormier
Nature Communications volume 15, Article number: 9688 (2024) [\[Link\]](#)
- SR-24-163 T. Ángel DelValls, Julián Blasco, Sebastián Vera, Nuria O. Núñez, Estefanía Bonnail**
 Decontamination and Circular Economy of Dredged Material and Mining Waters Using Adiabatic Sonic Evaporation and Crystallization (ASEC) Technology
Appl. Sci. 2024, 14, 11593. https://doi.org/10.3390/app142411593 [\[Link\]](#)
- SR-24-164 P.S. Minyuk**
 Geochemical Features of the Olduvai Event in the Sediments of Lake El'gygytyn (Anadyr Plateau, Chukchi Peninsula)
Russ. Geol. Geophys. (2024) 65 (12): 1432–1445. https://doi.org/10.2113/RGG20244732 [\[Link\]](#)
- SR-24-165 Gisele C. Marquardt, Denise C. Bicudo, Jaques E. Zanon, Carlos E.M. Bicudo, Ingrid Horák-Terra, Marie-Pierre Ledru**
 From paleolake to peatland: Paleo environmental changes over glacial and interglacial cycles (Mid-Pleistocene) in the Colônia Basin, Brazil
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 655, 1 December 2024, 112528 [\[Link\]](#) [\[Link\]](#)
- SR-24-166 Boo-Keun Khim, Sunghan Kim, Min Kyung Lee, Young Kwan Sohn, Jae Il Lee, Kyu-Cheul Yoo**
 Fallacy of paleoproductivity signals by the recycled biogenic components: case study in the Central Basin of the northwestern Ross Sea
Khim et al. Geoscience Letters (2024) 11:50, https://doi.org/10.1186/s40562-024-00365-3 [\[Link\]](#)
- SR-24-167 Ursula Huonder, Laura Dziomber, Erika Gobet, Carolina Senn, Petra Zahajská, Willy Tinner, Christoph Schwörer**
 A multi-proxy reconstruction of Lateglacial and Holocene mountain vegetation dynamics in Uri, Central Switzerland
Boreas, First published: 27 December 2024 https://doi.org/10.1111/bor.12691 [\[Link\]](#)
- SR-24-168 Derek K. Gibson, Jonathan Obrist-Farner, Alex Correa-Metrio, Alejandra Rodriguez-Abaunza, Carlos Castañeda-Posadas**
 Geochemical evidence of drying during the 4.2 ka event in sediment cores from the Yucatán Peninsula, Mexico
Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 655, 1 December 2024, 112527 [\[Link\]](#)
- SR-24-169 Xiumei Li, Sutao Liu, Yun Wang, Baowei Fan, Juzhi Hou, Mingda Wang, Huanyu Sun, Hao Wang, Yuxin Zhang, Chenguang Zhang, Zongmeng Li, Yihan Wang**
 Late-Holocene hydroclimatic change and its effect on human activity at Xiada Co on the western Tibetan Plateau
The Holocene, Volume 35, Issue 2, https://doi.org/10.1177/09596836241291984 [\[Link\]](#)
- SR-24-170 Cecilia M. McHugh; Leonardo Seeber; Sean P.S. Gulick; M. Beatrice Magnani; Matthew Hornbach; Michael S. Steckler; Vashan Wright; Sylvie Leroy; Victor Cabiativa-Pico; Jharel Dasent; Justin Kersh; Richard Kilburn; Sherene James-Williamson**
 Sedimentary signatures of large earthquakes along the submerged Enriquillo–Plantain Garden transpressional plate boundary, northern Caribbea
Geology (2024) 52 (10): 769–773. https://doi.org/10.1130/G52258.1 [\[Link\]](#)
- SR-24-171 Lei Zhang, Ya-Nan Fang, Yi-Zhe Wang, Nai-Hua Xue, Sha Li, Lei Chen, Hai-Chun Zhang**
 Climatic response to solar activity recorded in the Eocene varves from Qaidam Basin, northern Tibetan Plateau
Palaeoworld, Volume 33, Issue 3, June 2024, Pages 788-799 [\[Link\]](#)
- SR-24-172 B.W. Lauridsen, P. Knutz, H. Røy, L. Prins and K. Hedegaard Hansen**
 B.W. Lauridsen1, P. Knutz1, H. Røy2, L. Prins1 and K. Hedegaard Hansen1
Fifth EAGE Global Energy Transition Conference & Exhibition (GET 2024), Nov 2024, Volume 2024, p.1 - 4 [\[Link\]](#)

- SR-24-173 Andrew C. Kemp, Elaine M. Whetstine, John C. Ridge**
Chronology of late Holocene relative sea-level change in Boston Harbor
Quaternary Science Reviews, Volume 346, 15 December 2024, 109053 [\[Link\]](#)
- SR-24-174 Zhe Sun, Xiaohuan Hou, Kejia Ji, Can-Ge Li, Mingda Wang, Kan Yuan, Xiaoxue Gao, Juzhi Hou**
Continuous Holocene Streamflow Rise and ENSO Linked Floods in the Upper Reaches of Yarlung Tsangpo
Geophysical Research Letters, 51, e2024GL112804. <https://doi.org/10.1029/2024GL112804> [\[Link\]](#)
- SR-24-175 Torsten Haberzettl, Marie-Luise Adolph, Taron Grigoryan, Hayk Hovakimyan, Thomas Kasper, Norbert Nowaczyk, Christian Zeeden, Lilit Sahakyan**
Causes and consequences of natural and anthropogenically induced late Holocene hydrological variations on the largest freshwater system in the Lesser Caucasus (Lake Sevan, Armenia)
Quaternary Science Reviews, Volume 344, 15 November 2024, 108945 [\[Link\]](#)
- SR-24-176 Lepre, Christopher J.; Chang, Clara Y.; Yazzie, Owen M.**
Paleoclimate Controls on West African Dust Inferred from Rb/Sr and Si/Al of Sediments in an Eastern Equatorial Atlantic Marine Core.
Atmosphere, 2024, Vol 15, Issue 8, p902 [\[Link\]](#)
- SR-24-177 Nathalie Fagel**
Climatic significance of clay minerals in Cenozoic marine and lacustrine sediments
Clay Minerals, Volume 59, Issue 3, September 2024, pp. 228 - 257 [\[Link\]](#)
- SR-24-178 Juliette Girard, Brendan T. Reilly, Guillaume St-Onge, France Lagroix, Jean-Carlos Montero-Serrano, Joesph S. Stoner, Anne E. Jennings**
Paleomagnetic Secular Variations in North Greenland Around 81°N Over the Last 6,000 Years
Geochemistry, Geophysics, Geosystems, Volume 25, Issue 10, October 2024, e2024GC011620 [\[Link\]](#)
- SR-24-179 Hongchao Zhao, Zhifei Liu, Baozhi Lin, Yulong Zhao**
Last glacial burial of woody debris in deep-sea sediments and its carbon cycling significance
Global and Planetary Change, Volume 240, September 2024, 104542 [\[Link\]](#)
- SR-24-180 Xiangbin Ran, Menglu Li**
River Diversion and Input Changes Have Altered Phosphorus Burial in the Yellow River Estuary
SSRN, <https://ssrn.com/abstract=5029791> or <http://dx.doi.org/10.2139/ssrn.5029791> [\[Link\]](#)
- SR-24-181 Raffaella Tolotti, Amy Leventer, Federica Donda, Leanne Armand, Taryn Noble, Phil O'Brien, Xiang Zhao, David Heslop, Alix Post, Roberto Romeo, Andrea Caburlotto, Diego Cotterle, Nicola Corradi**
Late Pliocene to recent depositional processes on the Sabrina Coast (East Antarctica): the diatom contribution
J. Micropalaeontology, 43, 349–382, <https://doi.org/10.5194/jm-43-349-2024>, 2024. [\[Link\]](#)[\[Link\]](#)
- SR-24-182 Laura Boyall, Andrew C. Parnell, Paul Lincoln, Antti Ojala, Armand Hernández, Celia Martin-Puertas**
SCUBIDO: a Bayesian modelling approach to reconstruct palaeoclimate from multivariate lake sediment data
Clim. Past Discuss. [preprint], <https://doi.org/10.5194/cp-2024-82>, in review, 2024. [\[Link\]](#)
- SR-24-183 Charlotte Gild-Haselwarter, Michael Meyer, Clemens Geitner, Jean Nicolas Haas, Sanja Vranjes-Wessely, Clivia Hejny, Werner Kofler, Karl Krainer, Daniel Remias, Sönke Szidat, Diethard Sander**
Dynamic landscape response to Younger Dryas and earliest Holocene cooling events in the European Eastern Alps (Austria)
Quaternary Science Reviews, Volume 344, 15 November 2024, 108959 [\[Link\]](#)
- SR-24-184 Marie-Luise Adolph, Sambor Czerwiński, Mirko Dreßler, Paul Strobel, Marcel Bliedtner, Sebastian Lorenz, Maxime Debret, Torsten Haberzettl**
North Atlantic Oscillation polarity during the past 3000 years derived from sediments of a large lowland lake, Schweriner See, in NE Germany
Clim. Past, 20, 2143–2165, <https://doi.org/10.5194/cp-20-2143-2024>, 2024. [\[Link\]](#)
- SR-24-185 Nicolaj K. Larsen, Marie-Louise Siggaard-Andersen, Jan-Pieter Buylaert, Andrew S. Murray, Jesper Olsen, Anthony Ruter, Kristian K. Kjeldsen, Anders A. Bjørk, Naja Mikkelsen, Kurt H. Kjær**
Increased aeolian activity linked to Neoglacial cooling and glacier advance in southern Greenland
Borias, First published: 30 November 2024 <https://doi.org/10.1111/bor.12688> [\[Link\]](#)
- SR-24-186 Allan de Oliveira, Cleverson Silva, Fabricio Ferreira, Cristiano Chiessi, Sherilyn Fritz, Gary Dwyer, Andrea Kern, Catherine Rigsby, Rodrigo Portilho-Ramos, James Broda, Liviu Giosan, Marcus Vinicius Kochhann, Paul Baker**
A 2-Million-Year Record of Amazon Climate
Research Square, <https://doi.org/10.21203/rs.3.rs-4888381/v1> [\[Link\]](#)
- SR-24-187 J.L. Hopkins, P.D. McIntosh, J. Vink, A. Slee, P. Moss**
First detection in Australia of cryptotephra likely to be derived from the 25.6 ka Ōruanui supereruption in New Zealand
Quaternary Science Reviews, Volume 341, 1 October 2024, 108856 [\[Link\]](#)
- SR-24-188 Gayantha R.L. Kodikara, Lindsay J. McHenry, Ian G. Stanistreet, Harald Stollhofen, Jackson K. Njau, Nicholas Toth, Kathy Schick**
Wide & deep learning for predicting relative mineral compositions of sediment cores solely based on XRF scans, a case study from Pleistocene Paleolake Olduvai, Tanzania
Artificial Intelligence in Geosciences, Volume 5, December 2024, 100088 [\[Link\]](#)

SR-24-189 Charlotte O. Pizer, Jamie D. Howarth, Kate J. Clark, Alan R. Orpin, Stephanie E. Tickle, Lorna J. Strachan, Philip Barnes, Sian Camp, Monique Mckeown, Emily Twort

Integrated onshore–offshore paleoseismic records show multiple slip styles on the plate interface, central Hikurangi subduction margin, Aotearoa New Zealand

Quaternary Science Reviews, Volume 344, 15 November 2024, 108942

[\[Link\]](#)

SR-24-190 Qiushi Liang, Hucai Zhang, Shunrong Ma, Qiaohua Han, Yiqin Cao, Dandan Yang, Jiqing Yin, Wenxiang Zhang

Tracing soil erosion history using geochemical signatures in lake sediments: Insights from the southeastern Tibetan Plateau margin

CATENA, Volume 245, October 2024, 108341

[\[Link\]](#)

SR-24-191 An-Sheng Lee, Yu-Wen Pao, Hsuan-Tien Lin, Sofia Ya Hsuan Liou

MAX: Masked Autoencoder for X-ray Fluorescence in Geological Investigation

arXiv:2410.12330v1 [cs.LG] 16 Oct 2024

[\[Link\]](#)

SR-24-192 María Luján García, Stella Birlo, Petra Zahajská, Giulia Wienhues, Martin Grosjean, Bernd Zolitschka

Ecological responses to solar forcing during the Homeric Climate Anomaly recorded by varved sediments from Holzmaar, Germany

Sage Journals, Volume 34, Issue 12, <https://doi.org/10.1177/09596836241275008>

[\[Link\]](#)

SR-24-193 ZHANG Hangyu, WANG Xiaqing, HUANG Ping'an, WAN Dejun, LIU Fenggui, TANG Xiangling, ZHOU Kehan

Reliability assessment and calibration of elemental signal values by XRF core scanning in Qinghai Lake

Marine Geology & Quaternary Geology, : <https://doi.org/10.16562/j.cnki.0256-1492.2023100101>

[\[Link\]](#)

SR-24-194 Frances Griswold, Pedro I. Matos-Llavona, Jonathan D. Woodruff, Brian C. Yellen

Human and Hurricane Impacts to Mangroves Modulate Overwash Deposition to a Back-Barrier Lagoon

Estuaries and Coasts, Volume 47, pages 2209–2226, (2024)

[\[Link\]](#)

SR-24-195 Julia Kagilery, Somsubhra Chakraborty, Autumn Acree, David C. Weindorf, Eric C. Brevik

Rapid quantification of lignite sulfur content: Combining optical and X-ray approaches

International Journal of Coal Geology, 216 <https://doi.org/10.1016/j.coal.2019.103336>

[\[Link\]](#)

SR-24-196 Karl Purcell, Margit H. Simon, Ellie J. Pryor, Simon J. Armitage, Jeroen van der Lubbe, Eystein Jansen

Climate variability off Africa's southern Cape over the past 260, 000 years

EGUsphere, <https://doi.org/10.5194/egusphere-2024-2499>

[\[Link\]](#)

SR-24-197 Sergej Komazec

Holocene and postglacial lake sedimentation in the central part of the Karelian Isthmus as an example of Lake Krasnoye in the Leningrad region

BULLETIN OF THE SERBIAN GEOGRAPHICAL SOCIETY, issue 104/2024, no 1, p 183-206

[\[Link\]](#)

SR-24-198 LIU Jiaao, WU Yonghua, LIU Shengfa, QIAO Shuqing, TAO Jing, QI Wenjing, LIU Jihua

Changes in bottom water oxygen level of the Arabian Sea and the driving factors since the Last Glacial Period

MARINE GEOLOGY & QUATERNARY GEOLOGY, Vol.44, No.5

[\[Link\]](#)

SR-24-199 Ann E. Morey, Mark D. Shapley, Daniel G. Gavin, Alan R. Nelson, Chris Goldfinger

Sedimentary record of historical seismicity in a small, southern Oregon lake

Nat. Hazards Earth Syst. Sci., 24, 4523–4561, 2024, <https://doi.org/10.5194/nhess-24-4523-2024>

[\[Link\]](#)

SR-24-201 Suraj Neelakantan, Alexander Hansson, Jesper Norell, Johan Schött, Martin Långkvist, Amy Loutfi

Machine Learning for Lithology Analysis using a Multi-Modal Approach of Integrating XRF and XCT data

14th Scandinavian Conference on Artificial Intelligence SCAI 2024, June 10-11, 2024, Jönköping, Sweden

[\[Link\]](#)

SR-24-202 Martin Melles, Volker Wennrich, Michele Dinies, Françoise Chalié, Didier Swingedouw, Anne Dallmeyer, Xiaoxu Shi, Martin Claussen, Andrea Jaeschke, Christine Cocquyt, Jens Karls, Jan Kuper, Baba Mallaye, Jean-Charles Mazur, Christine Pailles, Remadji Rirongarti, Janet Rethemeyer, Benedik Ritter, Enno Schefuß, Finn Viehberg, Bernd Wagner, Martin Werner, Abdallah Yacoub, Stefan Kröpelin

Drought events during the African Humid Period suggest future drying of the Sahara

ResearchSquare. doi:10.21203/rs.3.rs-5288623/v1.

[\[Link\]](#)

Thesis

SR-19-t01 Gregory, Braden Ross Buchanan

Understanding the impact of millennial to sub-decadal climate and limnological change on the stability of arsenic in lacustrine Sediments (Thesis)

Carleton University Research Virtual Environment (Thesis)

[\[Link\]](#)

SR-19-t02 Veronica Mazzella

A novel protocol for identifying storm derived waves on substrate reworking in lakes: implications for selection of optimal sites for paleolimnological research (Thesis)

<https://doi.org/10.22215/etd/2019-13779>

[\[Link\]](#)

SR-19-t03 Lucy Camuti

Bacterial Lipids in Holocene Sediments from Baffin Island: Insights into temperature reconstructions in Arctic Environments (Thesis)

University of Colorado, Boulder, CU Scholar

[\[Link\]](#)

SR-19-t04 Paul Michael Pilkington

THE RISE OF THE GREEN ALGAE: USING ALGAL PALYNOMORPHS AS PROXIES OF NATURAL EVENTS AND ANTHROPOGENIC ACTIVITIES (Thesis)

Brock University, <http://hdl.handle.net/10464/14557>

[\[Link\]](#)

SR-19-t05 Fergestad, Erling

Rekonstruksjon av Holocen skredaktivitet ved Anestølsvatnet (Thesis)

Høgskulen på Vestlandet

[\[Link\]](#)

SR-19-t06 Denise McCullagh

A Palaeoenvironmental Reconstruction of Galway Bay, Western Ireland, from the Last Glacial Maximum to Present Day (thesis)

Ulster University

[\[Link\]](#)

SR-19-t07 PIZER, CHARLOTTE, OLIVIA

Palaeotsunami Deposits On The Southern Hikurangi Margin; Contributions From Lake Grassmere, Marlborough (Thesis)

Durham University

[\[Link\]](#)

SR-19-t08 Kartika Anggi Hapsari

Indonesian coastal wetlands, The past dynamics of environment and carbon, the potential for climate change mitigation and the assessment for conservation, management and restoration (Thesis)

Georg-August-University of Göttingen

[\[Link\]](#)

SR-19-t09 Hassum, Malin; Røyrvik, Martin Patelis

Signaler fra avsetning av forurenkede stoffer i og rundt Hafsløvatnet (Vest-Norge) over de siste 40 årene (Thesis)

Høgskulen på Vestlandet, § 10.

[\[Link\]](#)

SR-19-t10 Philip Sanders

Linkages between Saline Lakes and their Riparian zone over climate change (thesis)

University of London

[\[Link\]](#)

SR-19-t11 Arricau, Victor

Apports de la Géomatique à la compréhension des paléoenvironnements lacustres (Lac Pavin et lac de Loures-Barousse) (Thesis)

Université Toulouse, Jean Jaurès

[\[Link\]](#)

SR-19-t12 Wagner, Zachary

A 10,000-year lake-sediment based reconstruction of precipitation isotope values in the Canadian Rocky Mountains and implications for past changes in North American hydroclimate (Thesis)

UNIVERSITY OF MINNESOTA

[\[Link\]](#)

SR-19-t13 Podrecca, Luca G.

Clear as Mud: Assessing the Paleoshelf Environment and Depositional Setting at Medford, New Jersey During the Paleocene-Eocene Thermal Maximum Support for an Appalachian Amazon (Thesis)

Rutgers The State University of New Jersey

[\[Link\]](#)

SR-19-t14 Carolyn A. Shull

A Tunnel Speleothem Based Stable-isotope Record of Atlantic Multi-decadal Oscillation Forcing of Precipitation in the Midlands, United Kingdom (Thesis)

University of Minnesota

[\[Link\]](#)

SR-19-t15 Antoine Thévenaz

Constraining the vertical particle export during the last glacial cycle in Southern Indian Ocean sediment core (Thesis)

University of Bern

[\[Link\]](#)

SR-19-t16 Zippmann, Victoria Elisabeth

Advances in Cd and Fe isotope cosmochemistry (Thesis)

Universität zu Köln

[\[Link\]](#)

- SR-19-t17 Наидко Владимир Иванович**
ГЕОЛОГИЯ И МИНЕРАЛОГО-ГЕОХИМИЧЕСКИЕ ОСОБЕННОСТИ СЕРЧАНСКОГО МЕСТОРОЖДЕНИЯ ГЕРМАНИЕНОСНЫХ ЛИГНИТОВ (СРЕДНЕЕ ТЕЧЕНИЕ РЕКИ ЕНИСЕЙ) (Thesis)
Krasnojarsk [\[Link\]](#)
- SR-19-t18 Øksnes, Monika**
Undersøking av forholdet mellom flaumstorleik og sediment i Vangsvatnet (Thesis)
The University of Bergen [\[Link\]](#)
- SR-19-t19 Liu Jiabo**
Dynamics of the Geomagnetic Field during the last Glacial (Thesis)
Universität Potsdam, Institut für Geowissenschaften [\[Link\]](#)
- SR-19-t20 Endre Saur Midtun**
Holosen strandforskyvning for Leknes, Vestvågøy (Thesis)
Institutt for geografi, Universitetet i Bergen [\[Link\]](#)
- SR-19-t21 Asbjørn Mong, Marie A. Nordqvist Sjøblom, Thea M. Hansen Storsveen**
Hydrographic change as recorded in Lake Hafslovatnet sediments, Western Norway, over the past 40 years (Thesis)
Høgskulen på Vestlandet [\[Link\]](#)
- SR-19-t22 Klette, Amalie Krog**
Holocene avsetningsprosesser i Fjærlandsfjorden basert på marine data (Thesis)
The University of Bergen [\[Link\]](#)
- SR-19-t23 Giulia Wienhues**
Multi-proxy reconstruction of Holocene environmental change from sediments of Lake Rzęsniki, Northeast Poland (Thesis)
Faculty of Science, University of Bern [\[Link\]](#)
- SR-19-t24 Pringle, Tynan**
Micro-XRF geochemical and micropaleontological evidence for prehistoric land disturbance, Serpent Mounds complex, Rice Lake (Ontario, Canada) (Thesis)
<http://hdl.handle.net/11375/24089> [\[Link\]](#)
- SR-19-t25 Antoine Thévenaz**
Constraining the vertical particle export during the last glacial cycle in Southern Indian Ocean sediment core (Thesis)
University of Bern [\[Link\]](#)
- SR-19-t26 ANA CAROLINA SALA SOUSA SANTOS**
RECONSTRUÇÃO HISTÓRICA DE ELEMENTOS TRAÇOS EM TESTEMUNHOS SEDIMENTARES DA BAÍA DE TODOS OS SANTOS EMPREGANDO UM SCANNER DE FLUORESCÊNCIA DE RAIOS-X (ITRAX). (Thesis)
UNIVERSIDADE FEDERAL DA BAHIA INSTITUTO DE GEOCIÊNCIAS [\[Link\]](#)
- SR-21-t01 Ludlow, Hannah**
The effect of sub-catchment industrialisation on the health of Ahuriri Estuary
<http://hdl.handle.net/10179/16700> [\[Link\]](#)
JOANES OOKO ODERO

SR-20-t01 Jelena Lange
Drivers of unstable climate-tree growth relationships in the circumpolar boreal forest in time and space (Thesis) <i>Universität Greifswald</i>
[Link]
SR-20-t02 Wallace, Carol Anne, Manning, L
Food Provenance: Assuring product integrity and identity (Thesis) <i>University of Central Lancashire, CAB Reviews . ISSN 1749-8848</i>
[Link]
SR-20-t03 Christoph Böttner
Natural and anthropogenic fluid migration pathways in marine sediments (Thesis) <i>Christian-Albrechts-Universität zu Kiel</i>
[Link]
SR-20-t04 Jordan Shapiro
Paleoclimate Study of Chub Lake in Eureka, MN: Investigating a Lake and Wetland Transitional System (Thesis) <i>Carleton College, Northfield, Minnesota</i>
[Link]
SR-20-t05 Ane Netland Rolland
Bre- og klimahistorien under deglasiasjonen ved Nykvåg, Vesterålen (Thesis) <i>Universitetet i Bergen</i>
[Link]
SR-20-t06 James Edward Hunt
DETERMINING THE PROVENANCE, RECURRENCE, MAGNITUDES AND FAILURE MECHANISMS OF SUBMARINE LANDSLIDES FROM THE MOROCCAN MARGIN AND CANARY ISLANDS USING DISTAL TURBIDITE RECORDS (Thesis) <i>National Oceanography Centre</i>
[Link]
SR-20-t07 Julia Unkelbach
Studies on vegetation-, fire-, climate- and human history in the mid- to late Holocene – a contribution to protection and management of the forest-steppe-biome in the Mongolian Altai (Thesis) <i>Georg-August-Universität Göttingen</i>
[Link]
SR-20-t08 ADELINIE MARIE DUTRIEUX
Rise and fall of a hydrothermal system: A tale of metalliferous sediments (TAG hydrothermal field, MAR, 26°N) (Thesis) <i>UNIVERSITY OF SOUTHAMPTON</i>
[Link]
SR-20-t09 Yi Wang
Annual to Millennial Scale Oxygen Minimum Zone Expansion on the Southern California Margin: Proxies and Drivers (Thesis) <i>University of Michigan</i>
[Link]
SR-20-t10 Elena Garova
Cryptotephra in European Arctic: extending tephrochronology to northern Finland and Russia (Thesis) <i>University of Iceland</i>
[Link]
SR-20-t11 Joel C. Gutierrez
Exploring Volcano-Tectonic Connections in Cascadia – Temporal Linkages between Tephra Deposition and Megathrust Earthquakes (Thesis) <i>Oregon State University</i>
[Link]
SR-20-t12 Kjersti Aalvik Lid
Holocen strandforskyvning ved Skånland, Troms (Thesis) <i>Universitetet i Bergen</i>
[Link]
SR-20-t13 MURAT TOYGAR YENİÇERİ
GEOCHEMICAL TRACES OF HISTORICAL EASTERN MEDITERRANEAN TSUNAMIS IN THE SEDIMENTS OF ÖLÜDENİZ LAGOON, SW TURKEY (Thesis) <i>MIDDLE EAST TECHNICAL UNIVERSITY</i>
[Link]
SR-20-t14 Katelyn Eaman
Implications for the branched tetraether membrane lipid temperature proxy in Arctic paleoclimate reconstruction—Evidence over the Holocene from Baffin Island lacustrine sediment (Thesis) <i>University of Colorado at Boulder</i>
[Link]
SR-20-t15 Ranveig Karoline Sjøholm Vetti
Isavsmelting og postglasiale havnivåendringer ved Nykvåg, Vesterålen (Thesis) <i>Universitetet i Bergen</i>
[Link]

- SR-21-t02 ZEYNEP BEKTAŞ**
LATE HOLOCENE SEISMO-TURBIDITE INVESTIGATION IN THE SEDIMENTS OF GULF OF AQABA
MIDDLE EAST TECHNICAL UNIVERSITY, [\[Link\]](#)
- SR-21-t03 Peter Mervyn Negus**
Girt by dirt: The ecology of spring ecosystems in north-eastern Australia
University of Queensland [\[Link\]](#)
- SR-21-t04 Elyssa De Carli, Samuel Marx, Jan-Hendrik May**
Dating and provenancing sediments of a palaeoflood record at the terminus of the Murray-Darling Basin
<https://documents.uow.edu.au/content/groups/public/@web/@smah/documents/doc/uow271480.pdf> [\[Link\]](#)
- SR-21-t05 ДВ Доржиев**
Оценка временной динамики содержания элементов в древесине лиственницы рентгенофлуоресцентным методом
http://elib.sfu-kras.ru/bitstream/handle/2311/143984/vypusknaya_kvalifikatsionnaya_rabota_dorzhiiev_d_v.pdf?sequence=1 [\[Link\]](#)
- SR-21-t06 Anna Elise Kvamme Grønlund**
Rekonstruksjon av resente miljøendringer fra geokjemisk sedimentanalyse i Arnafjordssystemet, Vest-Norge.
<https://hvlopen.brage.unit.no/hvlopen-xmlui/bitstream/handle/11250/2823700/Gronlund.pdf?sequence=1> [\[Link\]](#)
- SR-21-t07 Waverly L. Lau**
TIDAL MARSH DEVELOPMENT AND SEDIMENT DYNAMICS AT VANDERBURGH COVE, RHINEBECK NY
<https://www.hudsonriver.org/wp-content/uploads/2021/08/polgar-lau-tp-03-19.pdf> [\[Link\]](#)
- SR-21-t08 Hirsch, Jessica**
Investigating laminated sediments of the Al-Azraq basin, Jordan and the implications for paleoenvironmental variability
<https://hdl.handle.net/10355/84386> [\[Link\]](#)
- SR-21-t09 Brandy E. Coats**
AN ISOTOPIC AND GEOCHEMICAL STUDY OF LAKE MAHARLOU: RECONSTRUCTING HOLOCENE PALEOCLIMATE IN SW IRAN
California State University, Long Beach, ProQuest Dissertations Publishing, 2021. 28415783 [\[Link\]](#)
- SR-21-t10 Fitria Hidayanti**
Karakterisasi Material: Mikro X Ray Fluorescence
LP UNAS, ISBN: 978-623-7376-97-2 [\[Link\]](#)
- SR-21-t11 Hertzman, Hanna**
Odensjön - A new varved lake sediment record from southern Sweden
(2021) In Dissertations in Geology at Lund University GEOR02 20201 [\[Link\]](#)
- SR-21-t12 Autumn Heyde**
Crawford Lake Consumers: Water Column and Palynological Studies
Brock University, http://hdl.handle.net/10464/15161 [\[Link\]](#)
- SR-21-t13 Moser, Sydney**
Multi-Proxy ~8500 Year Paleoenvironmental Reconstruction of Baie des Baradères, Haiti
U Ottawa, http://hdl.handle.net/10393/42900, http://dx.doi.org/10.20381/ruor-27117 [\[Link\]](#)
- SR-21-t14 Teixeira, Manuel**
Mass movement processes in the Southwest Portuguese Continental Margin during the Late Pleistocene-Holocene : a multidisciplinary approach for volume quantification, estimation of recurrence times and hazard implications
U Lisboa http://hdl.handle.net/10451/49748, [\[Link\]](#)
- SR-21-t15 LANE JOSIAH ALLEN**
A PALEOLIMNOLOGICAL ASSESSMENT OF POSSUM KINGDOM LAKE
Tarleton State University, ProQuest Dissertations Publishing, 2021. 28645158 [\[Link\]](#)
- SR-21-t16 Bollingberg, Ina Marie**
Interpretation of environmental changes in a long sediment core from the Sogndalsfjord, Western Norway, using benthic foraminifera as the environmental proxy
WESTERN NORWAY UNIVERSITY OF APPLIED SCIENCES, https://hdl.handle.net/11250/2835981 [\[Link\]](#)
- SR-21-t17 Haydar Benyacub Martinez Izquierdo Dyrzo**
Exploring Holocene Lake Palaeoclimatic records in the Maya Northern Highlands and the central Mayab
University of Nottingham, [\[Link\]](#)
- SR-21-t18 Yergeau, Samuel**
Reconstitution paléolimnologique des effets des activités anthropiques de la péninsule de Fildes, Îles Shetland du Sud, Antarctique
Université Laval, http://hdl.handle.net/20.500.11794/68081 [\[Link\]](#)
- SR-21-t19 Kvalnes, Marte Eimind**
Rekonstruksjon av bredemde sjøar ved Gråfjellsbrea, Folgefonna
UNIVERSITETET I BERGEN, https://hdl.handle.net/11250/2827080 [\[Link\]](#)
- SR-21-t20 Bering, Edvard Henry Halland**
En kvalitativ studie av flomsignal i Opo-vassdraget, Vestland fylke
Bergen University, https://hdl.handle.net/11250/2786410 [\[Link\]](#)

SR-21-t21 Σταμάτης, Διονύσιος

Paleoenvironmental evolution of Lousoi lake, during the Holocene, Northern Peloponnese, Greece

<http://hdl.handle.net/10889/15387>

[\[Link\]](#)

SR-21-t22 Griem, Lisa

Ocean circulation changes off southern Greenland during the abrupt climate events of mid-to-late MIS3

Bergen University, <https://hdl.handle.net/11250/2732835>

[\[Link\]](#)

SR-21-t23 Kelly McKeon

Sedimentary Processes Influencing Divergent Wetland Evolution in the Hudson River Estuary

University of Massachusetts Amherst, <https://orcid.org/0000-0002-6999-4037>

[\[Link\]](#)

SR-21-t24 Mandemaker, J.H.P.C.

Geological constraints on tidal dissipation in the Messinian: An XRF record of climate variability from Gavdos Island (Greece)

Utrecht University

[\[Link\]](#)

SR-21-t25 Lalor, Mikaeli

High resolution lacustrine records of Late Holocene climate change from southern New Zealand

<https://ourarchive.otago.ac.nz/handle/10523/12483>

[\[Link\]](#)

SR-21-t26 Whittle, A.

Late Quaternary changes in the westerly winds over the Southern Ocean

<http://hdl.handle.net/10871/127140>

[\[Link\]](#)

SR-21-t27 Callum Simpson

Bringing Back Bolin: Uncovering evidence for the flood history of the Birrarung from a particle size analysis and the geochemistry of the Bolin Bolin Billabong sediment core.

<http://hdl.handle.net/11343/291526>

[\[Link\]](#)

SR-21-t28 Davies, Harry Maxwell

Expanding the Footprint of Orogenic Gold –Trace Elements in Sulphides

<http://hdl.handle.net/10523/12370>

[\[Link\]](#)

SR-21-t29 Waverly L. Lau

TIDAL MARSH DEVELOPMENT AND SEDIMENT DYNAMICS AT VANDERBURGH COVE, RHINEBECK NY

<https://www.hudsonriver.org/wp-content/uploads/2021/08/polgar-lau-tp-03-19.pdf>

[\[Link\]](#)

SR-21-t30 Stephanie Elizabeth Tickle

Distinguishing Turbidite Tails from Background Sedimentation on the Hikurangi Margin and the Implications for Turbidite Paleoseismology

Victoria University of Wellington

[\[Link\]](#)

- SR-22-t01 Jamie Lobb**
A palaeoenvironmental and palaeofire record from Dunphy Lake, Warrumbungle Mountains, south-eastern Australia
Macquarie University, mq:44828, <http://hdl.handle.net/1959.14/1072480> [\[Link\]](#)
- SR-22-t02 GRANDEZ PIÑA, Erick Alberto. PAYEZA TUESTA, German Carlos.**
"VARIACIÓN RADIAL DE LA DENSIDAD APARENTE DE LA MADERA DE CUATRO ESPECIES FORESTALES, MADRE DE DIOS - PERÚ"
<http://hdl.handle.net/20.500.14070/877> [\[Link\]](#)
- SR-22-t03 Emmanuel Schaad**
Plant Protection Products in Sediments of a Swiss Pond: Breaking down PPP Contamination in Lobsigensee, Switzerland
Group of Paleolimnology, Institute of Geography, University of Bern [\[Link\]](#)
- SR-22-t04 Ezekiel Wil Meyers**
Silt dynamics and metal contaminants in the Georgetown Inner Harbor
Coastal Carolina University [\[Link\]](#)
- SR-22-t05 Leila Homami Totmaj**
Long-term vegetation dynamics along altitudinal and longitudinal gradients in the Hyrcanian forest region (northern Iran)
Georg-August-Universität Göttingen, <http://dx.doi.org/10.53846/goediss-9622> [\[Link\]](#)
- SR-22-t06 Josephine Handley**
Socio-economic responses to Late Holocene climate variability and environmental change in the Peruvian Andes
University of Reading, DOI: 10.48683/1926.00112049 [\[Link\]](#)
- SR-22-t07 Alexander Paul Jardine**
A Multidisciplinary Analysis of Coastal Storms in Western Britain, 1800-2020
University of York, Environment and Geography, September 2022 [\[Link\]](#)
- SR-22-t08 Jenny L. Nilsson**
Climate-induced ecological change in subarctic lakes
Acta Universitatis Agriculturae Sueciae [\[Link\]](#)
- SR-22-t09 Natallia Piatrunia**
Glacial to Holocene Climate Variability in the Southern Mid Latitudes
The University of Texas at Austin, [\[Link\]](#)
- SR-22-t10 Aidan Warner Burdick**
Reconstructing deglacial and Holocene climatic and environmental change in the Snowy Mountains of southeast Australia
Western Washington University, Western CEDAR [\[Link\]](#)
- SR-22-t11 SERAP ŞEN**
PALEOTSUNAMI INVESTIGATION IN SEDIMENTS OF DEMRE LAGOON (EASTERN MEDITERRANEAN)
MIDDLE EAST TECHNICAL UNIVERSITY [\[Link\]](#)
- SR-22-t12 Thaís de Marchi Soares**
Influence of filter cake associated with mineral phosphate sources on soil phosphorus dynamics in sugarcane
Escola Superior de Agricultura Luiz de Queiroz [\[Link\]](#)
- SR-22-t13 ÖZLEM KARADAŞ**
PALEOCLIMATE RECONSTRUCTION FROM VARVED SEDIMENTS IN KÖYCEĞİZ LAKE, SOUTHWEST ANATOLIA
Geological Engineering, Middle East Technical University [\[Link\]](#)
- SR-22-t14 Edward Fernando Duarte**
Hydroclimate variability in Central America during the Holocene inferred from lacustrine sediments in Lake Izabal, eastern Guatemala
https://scholarsmine.mst.edu/doctoral_dissertations/3167 [\[Link\]](#)
- SR-22-t15 Hannah Beth Hartley**
SEDIMENTATION IN THE SAN JUAN ARM OF LAKE POWELL: DECADEAL, RESERVOIR LEVEL-CONTROLLED PACKAGING AND ANNUAL, SEASONALLY-CONTROLLED CYCLES IN SEDIMENT CORES
The University of Utah [\[Link\]](#)
- SR-22-t16 An-Sheng Lee**
Machine learning techniques applied to sediment core scanning data in the framework of sedimentological and paleoceanographical investigations
University of Bremen and Department of Geosciences, National Taiwan University [\[Link\]](#)
- SR-22-t17 Salisbury, Roderick B.**
INTRODUCTION TO ENVIRONMENTAL ARCHAEOLOGY
Comenius University Bratislava [\[Link\]](#)
- SR-22-t18 Lorenzo Monaco**
Tempo and dynamics of the peri-Tyrrhenian Quaternary explosive volcanism inferred from distal archives
SAPIENZA - UNIVERSITY OF ROME [\[Link\]](#)

- SR-22-t19 Simon A. Larsson**
Ashes to ashes, Applications of tephrochronology in Scandinavia
University of Stockholm [\[Link\]](#)
- SR-22-t20 Hebah Shaker Mejbil**
Using sediment DNA archives for interpreting long-term cyanobacterial dynamics in the Anthropocene
University of Ottawa [\[Link\]](#)
- SR-22-t21 ÖZLEM KARADAŞ**
PALEOCLIMATE RECONSTRUCTION FROM VARVED SEDIMENTS IN KÖYCEĞİZ LAKE, SOUTHWEST ANATOLIA
<https://hdl.handle.net/11511/98623> [\[Link\]](#)
- SR-22-t22 Ørjan Dybvik**
Flomfrekvensanalyse i øvre del av Vossovassdraget, Oppheimsvatnet
Universitetet i Bergen [\[Link\]](#)
- SR-22-t23 Maximilian Hallenberger**
Pleistocene to Holocene carbonate sedimentation on the Northwest Shelf of Australia
der Fakultät für Georessourcen und Materialtechnik der Rheinisch-Westfälischen Technischen Hochschule Aachen [\[Link\]](#)
- SR-22-t24 Grzegorz Scholtysik**
Geochemical focusing of manganese and iron in lakes and its impact on vivianite occurrence
der Fakultät für Georessourcen und Materialtechnik der Rheinisch-Westfälischen Technischen Hochschule Aachen [\[Link\]](#)
- SR-22-t25 Мустафин Марк Артурович**
ПОЗДНЕЧЕТВЕРТИЧНЫЕ ОБСТАНОВКИ ОСАДКОНАКОПЛЕНИЯ В КОТЛОВИНЕ ОЗЕРА ТАЙМЫР ПО ДАННЫМ
ДИАТОМОВОГО АНАЛИЗА
Санкт-Петербург [\[Link\]](#)
- SR-22-t26 EBRAR SİNMEZ**
Tracing the Impact of 4.2 ka and 3.2 ka BP Climatic Events on the Agriculture of Tell Atchana and Toprakhisar Sites in the Hatay Region through Multidisciplinary Examination of Archaeobotanical Assemblages
MIDDLE EAST TECHNICAL UNIVERSITY [\[Link\]](#)
- SR-22-t27 Antoine Lachance**
Peatlands to the Rescue! Late Holocene History of Climate and Storms as Told by Coastal Peatlands on the Magdalen Islands, Québec, Canada
Concordia University [\[Link\]](#)
- SR-22-t28 Richard J. Lewis**
Luminescence dating and geochemistry constraints on late Pleistocene hydrological and ecological change for north-eastern Australia
Department of Earth Sciences, School of Physical Sciences, The University of Adelaide [\[Link\]](#)
- SR-22-t29 Håkon André Halvorsen**
Senglasial- og holocen strandforskyvning for østlige deler av Hinnøya
Institutt for Geografi, Universitetet i Bergen [\[Link\]](#)
- SR-22-t30 Sigrid Johanne Sjøholm Vetti**
Rekonstruksjon av bre- og klimahistorien ved Glombreen basert på kvartærgeologisk kartlegging og innsjøsedimenter i Selstaddalen, Meløy i Nordland
Institutt for Geografi, Universitetet i Bergen [\[Link\]](#)
- SR-22-t31 Ethan Thomas McCann**
Application of metabolomics for the detection and evaluation of cyanopeptide mixtures in Ontario and Quebec Lakes
Carleton University [\[Link\]](#)
- SR-22-t32 Jenny L. Nilsson**
Climate-induced ecological change in subarctic lakes
Acta Universitatis agriculturae Sueciae, 2022:47 [\[Link\]](#)
- SR-22-t33 Alexandre Baud**
Anthropogenic Development Over the Last~ 200 Years Leaves Physical and Geochemical Imprints in Lake Sediment Records
McGill University [\[Link\]](#)
- SR-22-t34 Jiachao Ge**
CO2 Injection in Aquifers and Oil Reservoirs – Relative Permeability, Fines Migration and Oil Recovery
University of New South Wales [\[Link\]](#)
- SR-22-t35 Julia Short**
The changing water quality of New Zealand's lakes in response to anthropogenic activities
University of Adelaide [\[Link\]](#)
- SR-22-t36 Michelle Skogeng, Tuva Kristina Stelander**
Reconstruction of Holocene environmental changes in a 3-meter-long sediment core from the Sogndalsfjord using geochemical analysis (XRF and magnetic susceptibility)
Høgskulen på Vestlandet [\[Link\]](#)

SR-22-t37 Mia Simone Stratton

Investigating the role of the Smoky River watershed on past ice-jam flood regimes at the Peace-Athabasca Delta via analysis of oxbow lake sediment cores

University of Waterloo

[\[Link\]](#)

SR-22-t38 Tumbaco Vega Bruce Anthony

Impacto del cambio climático sobre ocupación humana de la Amazonía Ecuatoriana

Ecuador, Cambio climático, Amazonía, Asentamientos Humanos

[\[Link\]](#)

SR-22-t39 Andrew Mair

Palaeoclimate and biotic records from the Uruguayan Margin

<https://etheses.whiterose.ac.uk/32198/>

[\[Link\]](#)

- SR-23-t01 Doğan, Ayşegül**
Subaqueous paleoseismological investigation in the varved sediments of Köyceğiz Lake (SW Anatolia)
<https://hdl.handle.net/11511/102534> [\[Link\]](#)
- SR-23-t02 Jung-Che Lee**
Pottery Technical System of Zhishanyan Culture and Yuanshan Culture: A Synthetic Archaeological Research
<https://www.airitilibrary.com/Article/Detail/U0001-0603231104345005> [\[Link\]](#)
- SR-23-t03 Wilson, Juliet**
Ocean to plate: Tracing the geographic origin of fish products using biochemical forensic techniques
niversity of Southampton, Doctoral Thesis, 281pp [\[Link\]](#)
- SR-23-t04 Wheeler, Caitlin**
A paleoecological investigation of recent cyanobacterial blooms and their drivers in two dune lakes : a thesis presented in partial fulfilment of the requirements for the degree of Master of Science in Ecology at Massey University, Manawatū, New Zealand
Massey University [\[Link\]](#)
- SR-23-t05 Qaiser Hussain**
A high-resolution reconstruction of climate variability at Lagoa Negra Lake Flores, Azores
Department of Earth Science, University of Bergen [\[Link\]](#)
- SR-23-t06 Stephan Amm**
Avalanches, climate and glaciers - a reconstruction based on lake sediments from lake Kjøsnæs fjorden
Department of Earth Science, University of Bergen [\[Link\]](#)
- SR-23-t07 Hussain, Waqas**
Deglaciation history of Frøyabanken and Halsafjorden, Norway
Department of Earth Science, University of Bergen [\[Link\]](#)
- SR-23-t08 Muhammed Mikail Farooqui**
Sedimentære miljø, mikrobielle samfunn og porevannkjemi: Sammenligning av sedimenter fra dyphavet og på kontinentalskråningen ved Bjørnøyviften
Institutt for geovitenskap, Universitetet i Bergen [\[Link\]](#)
- SR-23-t09 Severin Skattum**
Årlig flomvariabilitet i Øyeren de siste 250 år basert på sedimentkjerner
Universitetet i Bergen, Institutt for geovitenskap [\[Link\]](#)
- SR-23-t10 Diana Angélica Avendano Villeda**
Reconstrucción paleoclimática cuantitativa durante el Cuaternario tardío en el registro del lago de Chalco, México.
Universidad Nacional Autónoma de Mexico [\[Link\]](#)
- SR-23-t11 AYŞEGÜL DOĞAN**
Subaqueous paleoseismological investigation in the varved sediments of Köyceğiz Lake (SW Anatolia)
MIDDLE EAST TECHNICAL UNIVERSITY [\[Link\]](#)
- SR-23-t12 Madison Amy McOnegal Clarke**
Cryptotephra studies applied to a deep marine sedimentary record in the northern Hikurangi Trough, Aotearoa New Zealand
Victoria University of Wellington, School of Geography, Environment, and Earth Sciences, 2023 [\[Link\]](#)
- SR-23-t13 Charlotte Victoria Hipkiss**
Stress in paradise: Reconstructing Late Holocene hydroclimate to investigate the role of drought in the timing of human migration and colonisation in the tropical South Pacific
University of Southampton Research Repository [\[Link\]](#)
- SR-23-t14 Ting Li**
Climatic and environmental changes in tropical northeastern Australia over the past 18,000 years
College of Science and Engineering, James Cook University [\[Link\]](#)
- SR-23-t15 Sarah Vanessa Hartmann**
The effect of recent (0-80 years) environmental change on the geochemical (XRF and magnetic susceptibility) record of Lærdalsfjord sediments, Western Norway
Carl von Ossietzky Universität Oldenburg, Högskulen på Vestlandet [\[Link\]](#)
- SR-23-t16 Mohamed Elsaid Mahmoud Elmosad**
Stratigraphy and Genesis of Post-glacial Sediments at Korsvägen, Gothenburg, Sweden
Geovetarcentrum, Göteborg University [\[Link\]](#)

SR-23-t17 Anthony Giang

Elemental Composition of Surface Sediment as a Sea/Land-Level Indicator in Cascadia Salt Marshes

SIMON FRASER UNIVERSITY, Fall 2023[\[Link\]](#)**SR-23-t18 Kuan-Yi Hsu**

Succession and sedimentation process in a small mountainous lake in NE Taiwan: the study of Sanxingmai Pond

Department of Geosciences, Collage of Science, National Taiwan University[\[Link\]](#)**SR-23-t19 Ian Dulin**

RECENT ANTHROPOGENIC IMPACTS ON THE GEOCHEMICAL COMPOSITION OF NORTHERN NEW ENGLAND LAKE SEDIMENTS

Boston College, Morrissey College of Arts and Sciences[\[Link\]](#)**SR-23-t20 Samuel Z. Mark**

Laminated Holocene lacustrine sediment records of ENSO and PDO-scale climate variability from the Pacific Basin

UNIVERSITY OF PITTSBURGH, DIETRICH SCHOOL OF ARTS AND SCIENCES[\[Link\]](#)**SR-23-t21 Stephen James Himson**

Are neobiota a biostratigraphical and biological marker of the Anthropocene?

School of Geography, Geology and the Environment, University of Leicester[\[Link\]](#)**SR-23-t22 Bettina Schramm**

Seismic travel time forward modelling and inversion of fluid flow conduits in marine sediments using ocean bottom seismometers

Mathematisch-Naturwissenschaftlichen Fakultät, der Christian-Albrechts-Universität zu Kiel[\[Link\]](#)**SR-23-t23 Samantha McAulay**

Assessing anthropogenic climate change and land use impacts on lake ecosystems in Hawke's Bay, Aotearoa-New Zealand

Victoria University of Wellington[\[Link\]](#)**SR-23-t24 Fabian Boesl**

Characteristics of n-alkanes in tropical sediment – implications for palaeoenvironmental research

University of Wollongong[\[Link\]](#)**SR-23-t24 Yu-Chen Jian**

A novel approach for rapid detection and monitoring of suspected heavy metal pollution sources

NTU Tai-Pei Taiwan[\[Link\]](#)

- SR-24-t01 Emma J. Mickelson**
Deglacial and Holocene environmental change recorded in lake sediments from the Snowy Mountains, Kosciuszko National Park, southeastern Australia
WWU Graduate School Collection. 1265., <https://cedar.wvu.edu/wwuet/1265> [\[Link\]](#)
- SR-24-t02 Sives, Claire**
Water, Heat, Earth, and Wind: Zooplankton in dryland lakes and the potential impacts of climate change on their persistence
UNSW Sydney [\[Link\]](#)
- SR-24-t03 Shi, Duanlu**
Late Holocene Paleoclimate Reconstruction in Debauchery Bay, Northwest Territories Canada using Particle Size Analysis and Geochemical Proxies
Carleton University, Ottawa, Ontario [\[Link\]](#)
- SR-24-t04 Wiklund, Matilda**
Environmental Evidence of Early Mining in Garpenberg, Sweden: A study of sediment records in three lakes: Grusjön, Stora Jälken, and Trehörningen
Umeå University, DiVA.org:umu-227050 [\[Link\]](#)
- SR-24-t05 Manning, Kieran**
Elemental analysis using scanning XRF of a Labrador Sea sediment core to better understand how ice left the planet through the last deglaciation
Oregon State University, [\[Link\]](#)
- SR-24-t06 Janeš, Dragana**
KASNOPLEISTOCENSKI I HOLOCENSKI PALEOOKOLIŠI I GEOMORFOLOGIJA KOLOČEPSKOG KANALA
Zagreb: Sveučilište u Zagrebu, Prirodoslovno-matematički fakultet, 2024. urn:nbn:hr:217:311252 [\[Link\]](#)
- SR-24-t07 William Gerard Reynolds**
A history of vegetation and climate change in northern Australia during the alia during the last 130,000 years
University of Wollongong [\[Link\]](#)
- SR-24-t08 Alderson, Aaron**
Non-pollen palynomorphs and black carbon in sediments from Walden Pond (Massachusetts, USA): evidence of sudden onset events and human impact over the past millennium
Brock University, [\[Link\]](#)
- SR-24-t09 Berchtold, Emanuel Patrik**
Glacier and climate reconstruction during the Holocene with focus on the Little Ice Age in Bjellådalen, Austre Svartisen, northern Norway
University of Bergen, <https://hdl.handle.net/11250/3141761> [\[Link\]](#)
- SR-24-t10 Sæves, Ole Jørgen**
Flomavsetninger i Øyeren og identifisering av ulike sedimentkilder
Universitetet i Bergen, Institutt for Geovitenskap [\[Link\]](#)
- SR-24-t11 Katherine Greenaway**
Understanding Causes of Water Quality Decline in an Aotearoa New Zealand Ecosanctuary through Paleoenvironmental Analysis
Te Herenga Waka—Victoria University of Wellington [\[Link\]](#)
- SR-24-t12 Nedelchev, Emiliyan**
Newly found evidence of the Late Devonian extinction by microtektites in black shales: Sellersburg, Indiana, USA
UiT Munin, <https://hdl.handle.net/10037/33736> [\[Link\]](#)
- SR-24-t13 Michel Kahre**
Sediment core analysis of glacial lakes (Hohe Tauern, Austria)
Faculty of Natural and Life Sciences of the Paris-Lodron-University Salzburg [\[Link\]](#)
- SR-24-t14 Sjursen, Thomas Farsund**
Traces, causes, and consequences of the Glacier Lake Outburst Floods from Austerdalsisen, Mo i Rana, between 1941 to 1958
University of Bergen [\[Link\]](#)
- SR-24-t15 Frigon, Ariane**
Caractérisation et impacts des événements anthropiques et naturels dans le réservoir Manicouagan
Université LAVAL [\[Link\]](#)
- SR-24-t16 John Tibby**
Submission to the ANSTO research portal grant scheme: A possible pathway to success
Quaternary Australasia, Vol. 41, No. 2, Dec 2024, 19-20 [\[Link\]](#)
- SR-24-t17 Rahman, Mubashshera**
Assessing water quality changes in eastern Ontario recreational lakes in relation to land-use and climate change impacts over the past ~150 years using paleolimnological techniques
Carleton University, Ottawa, Ontario, Canada [\[Link\]](#)
- SR-24-t18 Hudson, Amy L**
Geochemical Attributes of Hydraulically Active Fractures and Their Influence on Groundwater Quality

- U Mass Amherst, <https://hdl.handle.net/20.500.14394/19940>* [\[Link\]](#)
- SR-24-t19 William Reynolds**
A history of vegetation and climate change in northern Australia during the last 130,000 years
University of Wollongong, : <https://ro.uow.edu.au/theses1> [\[Link\]](#)
- SR-24-t20 Smrkulj, Natalia**
EVOLUTION OF COASTAL DEPOSITIONAL SYSTEMS OF THE KRKA RIVER ESTUARY IN RESPONSE TO THE LATE PLEISTOCENE-HOLOCENE SEA-LEVEL CHANGES
Sveučilište u Zagrebu, Prirodoslovno-matematički fakultet, Geološki odsjek [\[Link\]](#)
- SR-24-t21 Simen Austgulen Grinde**
Maringeologisk undersøkelse av Utsira Nord havvindområdet
Institutt for geovitenskap, Universitetet i Bergen [\[Link\]](#)
- SR-24-t22 Margaret Smith**
Seabird Populations and Ecosystem Recovery on Macquarie Island: A Palaeoecological Perspective
Queensland University of Technology [\[Link\]](#)
- SR-24-t23 FURKAN HOŞER**
THE FORMATION OF THE HOLOCENE SAPROPELS IN THE GULF OF KUSADASI (AEGEAN SEA): EVIDENCE OF MULTI-PROXY DATA OBTAINED FROM THE SEDIMENT CORES
ISTANBUL TECHNICAL UNIVERSITY, Department of Geology Engineering, Geological Engineering Programme [\[Link\]](#)
- SR-24-t24 Teeling, D. L. A.**
Quantifying responses to abrupt climate change in the Andes, South America
University of Reading, School of Archaeology, Geography & Environmental Science, <https://doi.org/10.48683/1926.00119970> [\[Link\]](#)
- SR-24-t25 Dursun ACAR**
EFFECTS ON THE TRANSPORTATION OF POLLEN GRAINS AND INORGANIC PARTICLES IN SEDIMENTOLOGICAL PROCESSES
ISTANBUL TECHNICAL UNIVERSITY, Department of Climate and Marine Sciences, Earth System Science Programme [\[Link\]](#)
- SR-24-t26 Steele, Riley Elaine**
Micropaleontological and μ XRF Applications in Coastal Geoarchaeological Studies
McMaster University, <http://hdl.handle.net/11375/29161> [\[Link\]](#)
- SR-24-t27 LUCY HANSEN**
Evaluating the Role of Pools in the Sediment Dynamics of a New England Salt Marsh
University of Massachusetts, Amherst, Department of Earth, Climate, and Geological Sciences [\[Link\]](#)
- SR-24-t28 Hunter Delikowski**
Post-glacial Landscape Evolution of the Lower St. Croix River Valley: The Enigma of Glacial Lake Grantsburg, the Osceola Bench, and the St. Croix Dells
Minnesota State University, Mankato [\[Link\]](#)
- SR-24-t29 Alexander Wall**
Exploring environmental and climatic complexity between Sunda and Sahul: Insights from Wallacea using multiproxy speleothem and lacustrine records
University of Wollongong, [\[Link\]](#)
- SR-24-t30 ERDOO MONGOL**
Paleoecological and Paleoclimatic Reconstructions based on Holocene Sediment Cores, Lake Izabal, Eastern Guatemala
Missouri S&T, Missouri University of Science and Technology [\[Link\]](#)
- SR-24-t31 Quentin Duboc**
Chronostratigraphie des processus sédimentaires associés à la transition postglaciaire dans le détroit d'Hudson et sur la marge continentale du Labrador
UNIVERSITÉ DU QUÉBEC À RIMOUSKI [\[Link\]](#)
- SR-24-t32 Fabian Boesl**
Characteristics of n-alkanes in tropical sediment – implications for palaeoenvironmental research
University of Wollongong [\[Link\]](#)
- SR-24-t33 Charqueño Celis, Norma Fernanda**
Paleoecología de microfósiles acuáticos (amebas testadas y quironómidos) en lagos de Patagonia sur (49°S) y su aplicación en reconstrucciones ambientales del último milenio
Universidad Nacional del Comahue, Centro Regional Universitario Bariloche [\[Link\]](#)
- SR-24-t34 Alice Ruby Paine**
Exploring the Quaternary mercury cycle
St. Cross College, UNIVERSITY OF OXFORD [\[Link\]](#)

REFEREED (WOOD)

WR-00-1 Grudd H., Briffa K.R., Gunnarson B.E., Linderholm H.W.

Swedish tree rings provide new evidence in support of a major, widespread environmental disruption in 1628 BC. Geophysical Research Letters, 27(18), 2957-2960.

[\[Link\]](#)

WR-01-2 Bergsten U., Lindeberg J., Rindby A., Evans R.

Batch measurements of wood density on intact or prepared drill cores using x-ray microdensitometry. Wood Science and Technology 35, p 435-452

[\[Link\]](#)

WR-01-3 Roig, F.A., Le-Quesne, C., Boninsegna, J.A., Briffa, K.R., Lara, A., Grudd, H., Jones, P.D., Villagran, C.

Climate variability 50,000 years ago in midlatitude Chile as reconstructed from tree rings. Nature, 410, 567-570.

[\[Link\]](#)

WR-02-1 Grudd H., Briffa K.R., Karlén W., Bartholin T.S., Jones P.D., Kromer B.

A 7400-year tree-ring chronology in northern Swedish Lapland: natural climatic variability expressed on annual to millennial timescales.

The Holocene, 12, 657-665

[\[Link\]](#)

WR-03-1 Kilpeläinen A., Peltola H., Ryyppö A., Sauvala K., Laitinen K., Kellomäki S.

Wood properties of Scots pines (*Pinus sylvestris*) grown at elevated temperature and carbon dioxide concentration Tree Physiology 23, 889–897

[\[Link\]](#)

WR-04-1 Mattsson S., Bergsten U.

Pinus contorta growth in northern Sweden as affected by soil scarification

New Forests, vol 26 no 3, Nov 2003, p217-231

[\[Link\]](#)

WR-06-2 Balouet J.-C., Oudijk G.

The Use of Dendroecological Methods to Estimate the Time Frame of Environmental Releases

Environmental Claims Journal v 18, n 1 winter 2006, p 35-52

[\[Link\]](#)

WR-06-3 Fries A., Ericsson T.

Estimating Genetic Parameters for Wood Density of Scots Pine (*Pinus sylvestris* L.)

Silvae Genetica 55, 2 (2006) p84-92

[\[Link\]](#)

WR-07-1 Balouet J.-C., Oudijk G., Smith K.T., Petrisor I., Grudd H., Stocklassa B.

Applied Dendroecology and Environmental Forensics. Characterizing and Age Dating Environmental Releases: Fundamentals and Case Studies

Environmental Forensics, v8, n1-2, p1-17

[\[Link\]](#)

WR-07-2 Peltola H., Kilpeläinen A., Sauvala K., Räisänen T., Ikonen V.-P.

Effects of Early Thinning Regime and Tree Status on the Radial Growth and Wood Density of Scots Pine

Silva Fennica 41(3) research articles

[\[Link\]](#)

WR-07-3 Mattson S., Bergsten U., Mörling T.

Pinus contorta Growth in Boreal Sweden as Affected by Combined Lupin Treatment and Soil Scarification

Silva Fennica 41(4) research articles

[\[Link\]](#)

WR-07-4 Campbell R., McCarroll D., Loader N.J., Grudd H., Robertson I., Jalkanen R.

Blue intensity in *Pinus sylvestris* tree-rings: developing a new palaeoclimate proxy

The Holocene, Vol. 17, No. 6, 821-828

[\[Link\]](#)

WR-07-5 Karvinen P., Oksman A., Silvennoinen R., Mikkonen H.

Complex refractive index of starch acetate used as a biodegradable pigment and filler of paper

Optical Materials (2007) v29 p1171-1176

[\[Link\]](#)

WR-08-1 Gerendiain A.Z., Peltola H., Pulkkinen P., Ikonen V.-P., Jaatinen R.

Differences in Growth and Wood Properties between Narrow and Normal Crowned Types of Norway Spruce Grown at Narrow Spacing in Southern Finland

Silva Fennica 42(3) research articles

[\[Link\]](#)

WR-08-2 Ikonen V.-P., Peltola H., Wilhelmsson L., Kilpeläinen A., Väisänen H., Nuutinen T., Kellomäki S.

Modelling the distribution of wood properties along the stems of Scots pine (*Pinus sylvestris* L.) and Norway spruce (*Picea abies* (L.) Karst.) as affected by silvicultural management

Forest Ecology and Management: Volume 256, Issue 6, 5 September 2008, Pages 1356-1371

[\[Link\]](#)

WR-08-3 Helama S., Vartiainen M., Kolström T., Peltola H., Meriläinen J.

X-ray microdensitometry applied to subfossil tree-rings: growth characteristics of ancient pines from the southern boreal forest zone in Finland at intra-annual to centennial time-scales

Veget Hist Archaeobot (2008) v17 p675-686

[\[Link\]](#)

WR-08-4 Grudd H.

Torneträsk tree-ring width and density AD 500–2004: a test of climatic sensitivity and a new 1500-year reconstruction of north Fennoscandian summers

Earth and Environmental Science on line 30/1 2008

[\[Link\]](#)

- WR-08-5 Smith K.T., Balouet J.C., Oudijk G.**
Elemental line scanning of an increment core using EDXRF: From fundamental research to environmental forensic applications
Dendrochronologia v26, n3, p157-163 [\[Link\]](#)
- WR-08-6 Touvinen M., McCarroll D., Grudd H., Jalkanen R., Los S.**
Spatial and temporal stability of the climatic signal in northern Fennoscandian pine tree-ring width and maximum density
Boreas v38 n1 p1-12 (2009) 10.1111/j.1502-3885.2008.00046.x [\[Link\]](#)
- WR-08-7 Büntgen U., Frank D., Grudd H., Esper J.**
Long-term summer temperature variations in the Pyrenees
Climate Dynamics v31 n6 10.1007/s00382-008-0390-x [\[Link\]](#)
- WR-08-8 Helmala S., Vartiainen M., Kolström T., Peltola H., Meriläinen J.**
X-ray microdensitometry applied to subfossil tree-rings: growth characteristics of ancient pines from southern boreal forest zone in Finland at intra-annual to centennial time-scales.
Vegetation History and Archaeobotany v17, n6, p675-686, 10.1007/s00334-008-0147-9 [\[Link\]](#)
- WR-09-1 Luostarinen K., Huotari N., Tillman-Sutela E.**
Effect of Regeneration Method on Growth, Wood Density and Fiber Properties of Downy Birch (*Betula pubescens* Ehrh.)
Silva Fennica v43, n3, p329-338 [\[Link\]](#)
- WR-09-2 Peltola H., Gort J., Pulkkinen P., Zubizarreta Gerendiain A., Karpinen J., Ikonen V.-P.**
Differences in Growth and Wood Density Traits in Scots Pine (*Pinus Sylvestris* L.) Genetic Entries Grown at Different Spacing and Sites
Silva Fennica v43, n3, p339-354 [\[Link\]](#)
- WR-09-3 Zubizarreta Gerendiain A., Peltola H., Pulkkinen P.**
Growth and Wood Property Traits in Narrow Crowned Norway Spruce (*Picea abies* f. *pendula*) Clones Grown in Southern Finland
Silva Fennica v43, n3, p369-382 [\[Link\]](#)
- WR-09-4 Fries A., Ericsson T.**
Genetic parameters for earlywood and latewood densities and development with increasing age in Scots pine
Annals of Forest Science (2009) v66 n4 404 [\[Link\]](#)
- WR-09-5 Zubizarreta Gerendiain A., Peltola H., Pulkkinen P., Kalliomäki S**
Effects of genetic entry and competition by neighbouring trees on growth and wood properties of cloned Norway spruce (*Picea abies*)
Annals of Forest Science (2009) v66 n8 806 [\[Link\]](#)
- WR-09-6 Gort J., Zubizarreta Gerendiain A., Peltola H., Pulkkinen P., Routa P., Jaatinen R.**
Differences in Fiber Properties in Scots Pine (*Pinus Sylvestris* L.) Genetic Entries Grown at Different Spacing and Sites
Silva Fennica v43, n3, p355-368 [\[Link\]](#)
- WR-09-7 Y. Puentes Rodriguez, A. Zubizarreta Gerendiain, A. Pappinen, A. H. Peltola, P. Pulkkinen.**
Differences in wood decay by Heterobasidion parviporum in cloned Norway spruce (*Picea abies*)
Canadian Journal of Forest Research, 2009, 39(1): 26-35, 10.1139/X08-159 [\[Link\]](#)
- WR-10-1 Linderholm H.W., Gunnarson B.E., Liu Y.**
Comparing Scots pine tree-ring proxies and detrending methods among sites in Jämtland, west-central Sweden
Dendrochronologia (2010 in press) [\[Link\]](#)
- WR-10-2 Gunnarson B.E., Linderholm H.W., Moberg A.**
Improving a tree-ring reconstruction from west-central Scandinavia: 900 years of warm-season temperatures
Climate Dynamics (2010 in press) DOI: 10.1007/s00382-010-0783-5 [\[Link\]](#)
- WR-10-3 Gort J., Zubizarreta Gerendiain A., Peltola H., Kilpeläinen A., Pulkkinen P., Jaatinen R., Kellomäki S.**
Differences in branch characteristics of Scots pine (*Pinus sylvestris* L.) genetic entries grown at different spacing
Annals of Forest Science (2010) v67 n7 p705 [\[Link\]](#)
- WR-10-4 Helmala S., Vartiainen M., Kolström T., Meriläinen J.**
Dendrochronological investigation of wood extractives
Wood Science Technology (2010) v44 n2 p335-351 [\[Link\]](#)
- WR-11-1 Gunnarson B.E., Linderholm H.W., Moberg A.**
Improving a tree-ring reconstruction from west-central Scandinavia: 900 years of warm-season temperatures
Clim Dyn (2011) v36 p97-108 [\[Link\]](#)
- WR-11-2 Gort-Oromi J., Mehtätalo L., Peltola H., Zubizarreta-Gerendiain A., Pulkkinen P., Venäläinen A.**
Effects of spacing and genetic entry on radial growth and ring density development in Scots pine (*Pinus sylvestris* L.)
Annals of Forest Science (2011) v68 p1233-1243 [\[Link\]](#)
- WR-11-3 Wood L.J., Smith D.J., Demuth M.N.**
Extending the Place Glacier mass-balance record to AD 1585, using tree rings and wood density
Quaternary Research (2011) v76 p305-313 [\[Link\]](#)

- WR-11-4 McCarroll D., Tuovinen M., Campbell R., Gagen M., Grudd H., Jalkanen R, Loader N.J., Robertson I.**
A critical evaluation of multi-proxy dendroclimatology in northern Finland
J of Quaternary Science (2011) v26 n1 p7-14 [\[Link\]](#)
- WR-11-5 Delgado-Matas C., Pukkala T.**
Comparison of the Growth of Six Eucalyptus Species in Angola
International Journal of Forestry Research (2011) doi:10.1155/2011/980259 [\[Link\]](#)
- WR-11-6 Luostarinen K., Heräjärvi H.**
Dependence of shear strength on wood properties in cultivated *Larix sibirica*
Wood Material Science and Engineering (2011) v6 n4 p177-184 [\[Link\]](#)
- WR-11-7 Jyske T., Manner M., Mäkinen H., Nöjd P., Peltola H., Repo T.**
The effects of artificial soil frost on cambial activity and xylem formation in Norway spruce
Trees - Structure and Function (2011) DOI: 10.1007/s00468-011-0601-7 [\[Link\]](#)
- WR-12-1 Zubizarreta-Gerendiain A., Gort-Oromi J., Mehtätalo L., Peltola H., Venäläinen A., Pulkkinen P.**
Effects of cambial age, clone and climatic factors on ring width and ring density in Norway spruce (*Picea abies*) in southeastern Finland
Forest Ecology and Management (2012) v263 p9-16 [\[Link\]](#)
- WR-12-2 Starheim C.C.A., Smith D.J., Prowse T.D.**
Dendrohydroclimate reconstructions of July–August runoff for two nival-regime rivers in west central British Columbia
Hydrol. Process. 27, 405–420 (2013) (2012), DOI: 10.1002/hyp.9257 [\[Link\]](#)
- WR-12-3 Helama S., Bégin Y., Vartiainen M., Peltola H., Kolström T., Meriläinen J.**
Quantifications of dendrochronological information from contrasting microdensitometric measuring circumstances of experimental wood samples
Applied Radiation and Isotopes v70 p1014–1023 (2012) [\[Link\]](#)
- WR-12-4 Fries A.**
Genetic parameters, genetic gain and correlated responses in growth, fibre dimensions and wood density in a Scots pine breeding population
Annals of Forest Science (2012), DOI 10.1007/s13595-012-0202-7 [\[Link\]](#)
- WR-12-5 Luostarinen, K.**
Tracheid Wall Thickness and Lumen Diameter in Different Axial and Radial Locations in Cultivated *Larix sibirica* Trunks
Silva Fennica 46(5) p707-716 [\[Link\]](#)
- WR-12-6 Mäkinen H., Hynynen J.**
Predicting wood and tracheid properties of Scots pine
Forest Ecology and Management 279 (2012) p11–20 [\[Link\]](#)
- WR-12-7 Björklund J.A., Gunnarson B.E., Krusic P.J., Grudd H., Josefsson T., Östlund L., Linderholm H.W.**
Advances towards improved low-frequency tree-ring reconstructions, using an updated *Pinus sylvestris* L. MXD network from the Scandinavian Mountains
Theor Appl Climatol DOI 10.1007/s00704-012-0787-7 [\[Link\]](#)
- WR-12-8 Balouet J.C., Burken J.G., Karg F., Vroblesky D., Smith K.T., Grudd H., Rindby A., Beaujard F., Chalot M.**
Dendrochemistry of Multiple Releases of Chlorinated Solvents at a Former Industrial Site
Environ. Sci. Technol. 2012, 46, p9541–9547 [\[Link\]](#)
- WR-12-9 Routa J., Kellomäki S., Strandman H., JOHAN Bergh J., Pulkkinen P., Peltola H.**
The timber and energy biomass potential of intensively managed cloned Norway spruce stands
GCB Bioenergy (2013) 5, p43–52, doi: 10.1111/gcbb.12002 [\[Link\]](#)
- WR-12-10 Melvin T.M., Grudd H., Briffa K.R.**
Potential bias in ‘updating’ tree-ring chronologies using regional curve standardisation: Re-processing 1500 years of Torneträsk density and ring-width data
The Holocene 23(3) p364–373 DOI: 10.1177/0959683612460791 [\[Link\]](#)
- WR-12-11 Gunnarson B.E., Josefsson T., Linderholm H.W., Östlund L.**
Legacies of pre-industrial land use can bias modern tree-ring climate calibrations
CR Vol. 53, No. 1. Online publication date: May 24, 2012 ISSN: 0936-577X; Online ISSN: 1616-1572 [\[Link\]](#)
- WR-12-12 Starheim C.C.A., Smith D.J., Prowse T.D.**
Multi-century reconstructions of Pacific salmon abundance from climate-sensitive tree rings in west central British Columbia, Canada
Ecohydrology Volume 6, Issue 2, pages 228–240, April 2013 DOI: 10.1002/eco.1261 [\[Link\]](#)
- WR-12-13 Puentes Rodriguez Y.*, Morales L., Willför S., Pulkkinen P., Peltola H., Pappinena A.**
Wood decay caused by *Heterobasidion parviporum* in juvenile wood specimens from normal- and narrow-crowned Norway spruce
Scandinavian Journal of Forest Research DOI:10.1080/02827581.2012.746387 [\[Link\]](#)

REFEREED (WOOD)**WR-13-1 Wood L.J., Smith D.J.**

Climate and glacier mass balance trends from ad 1780 to present in the Columbia Mountains, British Columbia, Canada
The Holocene DOI: 10.1177/0959683612465450 [\[Link\]](#)

WR-13-2 Frühwald K., Hasenstab A., Osterloh K.

Detection of Incipient Decay of Wood with Non- and Minor-Destructive Testing Methods
Nondestructive Testing of Materials and Structures; O. Büyükoztürk et al. (eds.), DOI 10.1007/978-94-007-0723-8_51 [\[Link\]](#)

WR-13-3 Luostarinen K., Heräjärvi H.

Relation of arabinogalactans to density, growth rate and shear strength in wood of cultivated Siberian larch
Eur. J. Wood Prod. (2013) 71: p29–36 DOI 10.1007/s00107-012-0651-6 [\[Link\]](#)

WR-13-4 Kara J. Pitman, Dan J. Smith.

A dendroclimatic analysis of mountain hemlock (*Tsuga mertensiana*) ring-width and maximum density parameters, southern
British Columbia Coast Mountains, Canada
Dendrochronologia, Volume 31, Issue 3, 2013, Pages 165-174 [\[Link\]](#)

WR-13-5 Colette C. A. Starheim, Dan J. Smith, Terry D. Prowse.

Dendrohydroclimate reconstructions of July–August runoff for two nival-regime rivers in west central British Columbia
Hydrological Processes, Volume 27, Issue 3, pages 405–420, 30 January 2013 [\[Link\]](#)

WR-13-6 Johanna Routa, Seppo Kellomäki, Harri Strandman, Johan Bergh, Pertti Pulkkinen, Heli Peltola.

The timber and energy biomass potential of intensively managed cloned Norway spruce stands
GCB Bioenergy, Volume 5, Issue 1, pages 43–52, January 2013 [\[Link\]](#)

- WR-14-1 Jesper A. Björklund, Björn E. Gunnarson, Paul J. Krusic, Håkan Grudd, Torbjörn Josefsson, Lars Östlund, Hans W. Linderholm.**
Advances towards improved low-frequency tree-ring reconstructions, using an updated *Pinus sylvestris* L. MXD network from the Scandinavian Mountains
Theoretical and Applied Climatology August 2013, Volume 113, Issue 3-4, pp 697-710 [\[Link\]](#)
- WR-14-2 Kevin T. Smith, Jean Christophe Balouet, Walter C. Shortle, Michel Chalot, François Beaujard, Håkan Grudd, Don A. Vroblesky, Joel G. Burken.**
Dendrochemical patterns of calcium, zinc, and potassium related to internal factors detected by energy dispersive X-ray fluorescence (EDXRF)
Chemosphere, Volume 95, January 2014, Pages 58-62 [\[Link\]](#)
- WR-14-3 Miloš Rydval, Lars-Åke Larsson, Laura McGlynn, Björn Gunnarson, Neil J. Loader, Giles H.F. Young, Rob Wilson.**
Blue Intensity for Dendroclimatology: Should we have the blues? Experiments from Scotland
Dendrochronologia, In Press, Accepted Manuscript, Available online 17 May 2014 [\[Link\]](#)
- WR-14-4 David Auty, Alexis Achim, Elspeth Macdonald, Andrew D. Cameron, Barry A. Gardiner.**
Models for predicting wood density variation in Scots pine
Forestry 2014; 0, 1–10, doi:10.1093/forestry/cpu005 [\[Link\]](#)
- WR-14-5 J. A. Björklund, B. E. Gunnarson, K. Seftigen, J. Esper, H. W. Linderholm.**
Blue intensity and density from northern Fennoscandian tree rings, exploring the potential to improve summer temperature reconstructions with earlywood information
Clim. Past, 10, 877-885, 2014 [\[Link\]](#)
- WR-14-6 Ali Akrami, Marius C. Barbu, Arno Fruehwald.**
Characterization of properties of oriented strand boards from beech and poplar
Eur. J. Wood Prod. (2014) 72:393–398 [\[Link\]](#)
- WR-14-7 Yvonne Fors, Håkan Grudd, Anders Rindby, Farideh Jalilehvand, Magnus Sandström, Ingemar Cato, Lennart Bornmalm.**
Sulfur and iron accumulation in three marine-archaeological shipwrecks in the Baltic Sea: The Ghost, the Crown and the Sword
Scientific Reports 4, Article number: 4222 doi:10.1038/srep04222 [\[Link\]](#)
- WR-14-08 C. Pritzkow, I. Heinrich, H. Grudd, G. Helle**
Relationship between wood anatomy, tree-ring widths and wood density of *Pinus sylvestris* L. and climate at high latitudes in northern Sweden
Dendrochronologia, Volume 32, Issue 4, 2014, Pages 295-302 [\[Link\]](#)
- WR-14-09 Miloš Rydval, Lars-Åke Larsson, Laura McGlynn, Björn E. Gunnarson, Neil J. Loader, Giles H.F. Young, Rob Wilson**
Blue intensity for dendroclimatology: Should we have the blues? Experiments from Scotland
Dendrochronologia, Volume 32, Issue 3, 2014, Pages 191-204 [\[Link\]](#)
- WR-14-10 Kevin T. Smith, Jean Christophe Balouet, Walter C. Shortle, Michel Chalot, François Beaujard, Håkan Grudd, Don A. Vroblesky, Joel G. Burken**
Dendrochemical patterns of calcium, zinc, and potassium related to internal factors detected by energy dispersive X-ray fluorescence (EDXRF)
Chemosphere, Volume 95, January 2014, Pages 58-62 [\[Link\]](#)
- WR-14-11 Mehtätalo, Lauri; Peltola, Heli; Kilpeläinen, Antti; Ikonen, Veli-Pekka**
The Response of Basal Area Growth of Scots Pine to Thinning: A Longitudinal Analysis of Tree-Specific Series Using a Nonlinear Mixed-Effects Model
Forest Science, Volume 60, Number 4, 31 August 2014, pp. 636-644(9) [\[Link\]](#)
- WR-14-12 Jan Esper, Elisabeth DÜthorn, Paul J. Krusic, Mauri Timonen, Ulf Bütgen**
Northern European summer temperature variations over the Common Era from integrated tree-ring density records
Journal of Quaternary Science Volume 29, Issue 5, pages 487–494, July 2014 [\[Link\]](#)
- WR-14-13 David Auty, Alexis Achim, Elspeth Macdonald, Andrew D. Cameron, Barry A. Gardiner**
Models for predicting wood density variation in Scots pine
Forestry (2014) 87 (3): 449-458 [\[Link\]](#)
- WR-14-14 J. A. Björklund, B. E. Gunnarson, K. Seftigen, J. Esper, H. W. Linderholm**
Blue intensity and density from northern Fennoscandian tree rings, exploring the potential to improve summer temperature reconstructions with earlywood information
Clim. Past, 10, 877-885, 2014 [\[Link\]](#)
- WR-14-15 Ali Akrami, Marius C. Barbu, Arno Fruehwald**
Characterization of properties of oriented strand boards from beech and poplar
European Journal of Wood and Wood Products, May 2014, Volume 72, Issue 3, pp 393-398 [\[Link\]](#)

WR-14-16 Lisa J. Wood, Dan J. Smith

Intra-annual dendroclimatic reconstruction for northern British Columbia, Canada, using wood properties
Trees, November 2014

[\[Link\]](#)**WR-14-17 Jesper Björklund, Björn E Gunnarson, Kristina Seftigen, Peng Zhang, Hans W Linderholm**

Using adjusted Blue Intensity data to attain high-quality summer temperature information: A case study from Central Scandinavia

The Holocene December 9, 2014

[\[Link\]](#)**WR-14-18 Hans W. Linderholm, Jesper Björklund, Kristina Seftigen, Björn E. Gunnarson, Mauricio Fuentes**

Fennoscandia revisited: a spatially improved tree-ring reconstruction of summer temperatures for the last 900 years
Climate Dynamics, October 2014

[\[Link\]](#)**WR-14-19 Cristobal Delgado-Matas, Timo Pukkalac**

Growth models for six Eucalyptus species in Angola

Southern Forests: a Journal of Forest Science

[\[Link\]](#)**WR-14-20 Samuli Helama, Matti Vartiainen, Jari Holopainen, Hanna M. Mäkelä, Taneli Kolström, Jouko Meriläinen**

A palaeotemperature record for the Finnish Lakeland based on microdensitometric variations in tree rings

Geochronometria, September 2014, Volume 41, Issue 3, pp 265-277

[\[Link\]](#)**WR-14-21 Yvonne Fors, Håkan Grudd, Anders Rindby, Farideh Jalilehvand, Magnus Sandström, Ingemar Cato, Lennart Bornmalm**

Sulfur and iron accumulation in three marine-archaeological shipwrecks in the Baltic Sea: The Ghost, the Crown and the Sword

Scientific Reports 4, Article number: 4222

[\[Link\]](#)**SR-14-22 Pei Xing, Qi-Bin Zhang, Li-Xin Lv**

Absence of late-summer warming trend over the past two and half centuries on the eastern Tibetan Plateau

Global and Planetary Change, Volume 123, Part A, December 2014, Pages 27-35

[\[Link\]](#)**SR-14-23 Jianping Duan, Qi-Bin Zhang**

A 449 year warm season temperature reconstruction in the southeastern Tibetan Plateau and its relation to solar activity

Journal of Geophysical Research: Atmospheres, Volume 119, Issue 20, pages 11,578–11,592, 27 October 2014

[\[Link\]](#)

WR-15-01 Andrew D. Cameron, Barry A. Gardiner, James Ramsay, Tom A. Drewett

Effect of early release from intense competition within high density natural regeneration on the properties of juvenile and mature wood of 40-year-old Sitka spruce (*Picea sitchensis* (Bong.) Carr.)

Annals of Forest Science, January 2015, Volume 72, Issue 1, pp 99-107

[\[Link\]](#)

WR-15-02 J. Diego Galván, Ulf Büntgen, Christian Ginzler, Håkan Grudd, Emilia Gutiérrez, Inga Labuhn, J. Julio Camarero

Drought-induced weakening of growth–temperature associations in high-elevation Iberian pines

Global and Planetary Change, Volume 124, January 2015, Pages 95-106

[\[Link\]](#)

WR-15-03 P. Zhang, H. W. Linderholm, B. E. Gunnarson, J. Björklund, D. Chen

1200 years of warm-season temperature variability in central Fennoscandia inferred from tree-ring density

Clim. Past Discuss., 11, 489–519, 2015

[\[Link\]](#)

WR-15-04 Yvonne Fors, Håkan Grudd, Anders Rindby, Lennart Bornmalm

X-ray fluorescence for cultural heritage: scanning biochemical fingerprints in archaeological shipwrecks

Spectroscopy Europe, vol 27, No 1, 2015

[\[Link\]](#)

WR-15-05 Ernst van der Maaten, Marieke van der Maaten-Theunissen, Allan Buras, Tobias Scharnweber, Sonia Simard, Knut Kaiser, Sebastian Lorenz, Martin Wilmking

Can We Use Tree Rings of Black Alder to Reconstruct Lake Levels? A Case Study for the Mecklenburg Lake District, Northeastern Germany

PLOS ONE, August 28, 2015 DOI: 10.1371/journal.pone.0137054

[\[Link\]](#)

WR-15-06 Peng Zhang, Jesper Björklund, Hans W. Linderholm

The influence of elevational differences in absolute maximum density values on regional climate reconstructions

Trees, August 2015, Volume 29, Issue 4, pp 1259-1271

[\[Link\]](#)

WR-15-07 Bernd Wagner, Ole Bennike

Holocene environmental change in the Skallingen area, eastern North Greenland, based on a lacustrine record

Boreas, Volume 44, Issue 1, pages 45–59, January 2015

[\[Link\]](#)

WR-15-08 Lisa J. Wood, Dan J. Smith

Intra-annual dendroclimatic reconstruction for northern British Columbia, Canada, using wood properties

Trees, April 2015, Volume 29, Issue 2, pp 461-474

[\[Link\]](#)

WR-15-09 Jesper Björklund, Björn E Gunnarson, Kristina Seftigen, Peng Zhang, Hans W Linderholm

Using adjusted Blue Intensity data to attain high-quality summer temperature information: A case study from Central Scandinavia

The Holocene March 2015 vol. 25 no. 3 547-556

[\[Link\]](#)

WR-16-01 Lisa J. Wood, Dan J. Smith, Ian D. Hartley

Predicting softwood quality attributes from climate data in interior British Columbia, Canada
Forest Ecology and Management, Volume 361, 1 February 2016, Pages 81–89

[\[Link\]](#)**WR-16-02 Hanxue Liang, Lixin Lyu, Muhammad Wahab**

A 382-year reconstruction of August mean minimum temperature from tree-ring maximum latewood density on the southeastern Tibetan Plateau, China

Dendrochronologia, Volume 37, March 2016, Pages 1–8

[\[Link\]](#)**WR-16-03 J. Diego Galván, Ulf Büntgen, Christian Ginzler, Håkan Grudd, Emilia Gutiérrez, Inga Labuhn, J. Julio Camarero**

Drought-induced weakening of growth–temperature associations in high-elevation Iberian pines
Global and Planetary Change 124 (2015) 95–106

[\[Link\]](#)**WR-16-04 Geoffrey Hope**

Extended vegetation histories from ultramafic karst depressions
Australian Journal of Botany 63(4) 222-233

[\[Link\]](#)

WR-17-01 Katri Luostarinen, Laura Pikkarainen, Veli-Pekka Ikonen, Ane Zubizarreta Gerendiain, Pertti Pulkkinen, Heli Peltola

Relationships of wood anatomy with growth and wood density in three Norway spruce clones of Finnish origin

Canadian Journal of Forest Research, 2017, 47(9): 1184-1192

[\[Link\]](#)

WR-17-02 Eino Levkoev, Antti Kilpeläinen, Katri Luostarinen, Pertti Pulkkinen, Lauri Mehtätalo, Veli-Pekka Ikonen, Raimo Jaatinen, Anatoly Zhigunov, Jyrki Kangas, Heli Peltola

Differences in growth and wood density in clones and provenance hybrid clones of Norway spruce

Canadian Journal of Forest Research, 2017, 47(3): 389-399

[\[Link\]](#)

WR-18-01 Ryszard J. Kaczka, Barbara Spyt, Karolina Janecka, Ilka Beil, Ulf Büntgen, Tobias Scharnweber, Daniel Nievergelt, Martin Wilmking

Different maximum latewood density and blue intensity measurements techniques reveal similar results
Dendrochronologia, Volume 49, June 2018, Pages 94-101

[\[Link\]](#)

WR-18-02 Daniel Moreno-Fernández, Andrea Hevia, Juan Majada, Isabel Cañellas

Do Common Silvicultural Treatments Affect Wood Density of Mediterranean Montane Pines?
Forests 2018, 9(2), 80; <https://doi.org/10.3390/f9020080>

[\[Link\]](#)

WR-18-03 Andrea Hevia, Raúl Sánchez-Salguero, J. Julio Camarero, Allan Buras, Gabriel Sangüesa-Barreda, J. Diego Galván, Emilia Gutiérrez

Towards a better understanding of long-term wood-chemistry variations in old-growth forests: A case study on ancient *Pinus uncinata* trees from the Pyrenees

Science of The Total Environment, Volume 625, 1 June 2018, Pages 220-232

[\[Link\]](#)

WR-18-04 Raúl Sánchez-Salguero, J. Julio Camarero, Andrea Hevia, Gabriel Sangüesa-Barreda, J. Diego Galván, Emilia Gutiérrez

Testing annual tree-ring chemistry by X-ray fluorescence for dendroclimatic studies in high-elevation forests from the Spanish Pyrenees

Quaternary International, Available online 14 September 2018

[\[Link\]](#)

WR-18-05 Jesús Julio Camarero, Flor Álvarez-Taboada, Andrea Hevia, Fernando Castedo-Dorado

Radial Growth and Wood Density Reflect the Impacts and Susceptibility to Defoliation by Gypsy Moth and Climate in Radiata Pine

Front Plant Sci. 2018; 9: 1582.

[\[Link\]](#)

WR-18-06 Jelena Lange, Allan Buras, Roberto Cruz-García, Marina Gurskaya, Risto Jalkanen, Vladimir Kukarskih, Jeong-Wook Seo, Martin Wilmking

Climate Regimes Override Micro-Site Effects on the Summer Temperature Signal of Scots Pine at Its Northern Distribution Limits

Front. Plant Sci., 08 November 2018 | <https://doi.org/10.3389/fpls.2018.01597>

[\[Link\]](#)

WR-18-08 Henrik R. Hallingbäck, Karl-Anders Högberg, Harald Säll, Johan Lindeberg, Marie Johansson, Gunnar Jansson

Optimal timing of early genetic selection for sawn timber traits in *Picea abies*

European Journal of Forest Research, August 2018, Volume 137, Issue 4, pp 553–564

[\[Link\]](#)

WR-18-09 Knut Kaiser, Silke Oldorff, Carsten Breitbach, Christoph Kappler, Martin Theuerkauf, Tobias Scharnweber, Manuela Schult, Mathias Küster, Christof Engelhardt, Ingo Heinrich, Michael Hupfer, Grit Schwalbe, Tom Kirschey, Oliver Bens

A submerged pine forest from the early Holocene in the Mecklenburg Lake District, northern Germany

Boreas, Volume 47, Issue 3, July 2018, Pages 910-925

[\[Link\]](#)

WR-18-10 Andrea Hevia, Raúl Sánchez-Salguero, J. Julio Camarero, Allan Buras, Gabriel Sangüesa-Barreda, J. Diego Galván, Emilia Gutiérrez

Towards a better understanding of long-term wood-chemistry variations in old-growth forests: A case study on ancient *Pinus uncinata* trees from the Pyrenees

Science of the Total Environment 625 (2018) 220–232

[\[Link\]](#)

WR-19-01 Riccardo Cerrato, Maria Cristina Salvatore, Björn E. Gunnarson, Hans W. Linderholm, Luca Carturan, Michele Brunetti, Fabrizio De Blasi, Carlo Baroni

A *Pinus cembra* L. tree-ring record for late spring to late summer temperature in the Rhaetian Alps, Italy
Dendrochronologia, Volume 53, February 2019, Pages 22-31

[\[Link\]](#)**WR-19-02 Viorica Nagavciuc, Cătălin-Constantin Roibu, Monica Ionita, Andrei Mursa, Mihai-Gabriel Cotos, Ionel Popa**

Different climate response of three tree ring proxies of *Pinus sylvestris* from the Eastern Carpathians, Romania
Dendrochronologia, Volume 54, April 2019, Pages 56-63

[\[Link\]](#)**WR-19-03 Charlotte Gjelstrup Björdal, Yvonne Fors**

Correlation between sulfur accumulation and microbial wood degradation on shipwreck timbers
International Biodeterioration & Biodegradation, Volume 140, May 2019, Pages 37-42

[\[Link\]](#)**WR-19-04 Jones, Grace; Adamopoulos, Stergios; Liziniewicz, M; Lindeberg, Johan**

Nondestructive wood density testing in downy birch and silver birch genetics field trial, southern Sweden
21st International Nondestructive Testing and Evaluation of Wood Symposium, September 24-27, Freiburg, Germany. General Technical Report FPL-GTR-272

[\[Link\]](#)**WR-19-05 Andrea Hevia, Raúl Sánchez-Salguero, J. Julio Camarero, José I. Querejeta, Gabriel Sangüesa-Barreda, Antonio Gazold**

Long-term nutrient imbalances linked to drought-triggered forest dieback
Science of The Total Environment, Volume 690, 10 November 2019, Pages 1254-1267

[\[Link\]](#)**WR-19-06 J. Björklund, G. von Arx, D. Nievergelt, R. Wilson, J. Van den Bulcke, B. Günther, N. J. Loader, M. Rydval, P. Fonti, T. Scharnweber, L. Andreu-Hayles, U. Büntgen, R. D'Arrigo, N. Davi, T. De Mil, J. Esper, H. Gärtner, J. Geary, B. E. Gunnarson, C. Hartl, A. Hevia, H. Song, K. Janecka, R. J. Kaczka, A. V. Kirilyanov, M. Kochbeck, Y. Liu, M. Meko, I. Mundo, K. Nicolussi, R. Oelkers, T. Pichler, R. Sánchez-Salguero, L. Schneider, F. Schweingruber, M. Timonen, V. Trouet, J. Van Acker, A. Verstege, R. Villalba, M. Wilmking, D. Frank**

Scientific Merits and Analytical Challenges of Tree-Ring Densitometry
Reviews of Geophysics, 08 October 2019, <https://doi.org/10.1029/2019RG000642>

[\[Link\]](#)**WR-19-07 Hans W. Linderholm, Björn E. Gunnarson**

Were medieval warm-season temperatures in Jämtland, central Scandinavian Mountains, lower than previously estimated?
Dendrochronologia, Volume 57, October 2019, 125607

[\[Link\]](#)**WR-19-08 Eino Levkoev**

Differences in growth, wood density and wood anatomy in Norway spruce genotypes, and development of height and autumn frost hardiness in their seed offspring (Thesis)
School of Forest Sciences, Faculty of Science and Forestry, University of Eastern Finland

[\[Link\]](#)**WR-19-09 Bogren, Fredrik**

Evidence for birch forests and a highly productive environment near the margin of the Fennoscandian ice sheet in the Värriötunturit area, northeastern Finland
Stockholm University

[\[Link\]](#)

- WR-20-01 J. Julio Camarero, Andrea Hevia**
Links between climate, drought and minimum wood density in conifers
IAWA journal v41 12 [\[Link\]](#)
- WR-20-02 Andrea Hevia, Filipe Campelo, Regina Chambel, Joana Vieira, Ricardo Alía, Juan Majada, Raúl Sánchez-Salguero**
Which matters more for wood traits in *Pinus halepensis* Mill., provenance or climate?
Annals of Forest Science volume 77, Article number: 55 (2020) [\[Link\]](#)
- WR-20-03 Allan Buras, Florian Hirsch, Anna Schneider, Tobias Scharnweber, Ernstvan der Maaten, Roberto Cruz-García, Thomas Raab, Martin Wilmking**
Reduced above-ground growth and wood density but increased wood chemical concentrations of Scots pine on relict charcoal hearths
Science of The Total Environment, Volume 717, 15 May 2020, 137189 [\[Link\]](#)
- WR-20-04 Riccardo Cerrato, Maria Cristina Salvatore, Björn E. Gunnarson, Hans W. Linderholm, Luca Carturan, Michele Brunetti, Carlo Baroni**
Pinus cembra L. tree-ring data as a proxy for summer mass-balance variability of the Careser Glacier (Italian Rhaetian Alps)
Journal of Glaciology, <https://doi.org/10.1017/jog.2020.40> [\[Link\]](#)
- WR-20-05 Ana Alves, Andrea Hevia, Rita Simões, Juan Majada, Ricardo Alia, José Rodrigues**
Improving spatial synchronization between X-ray and near-infrared spectra information to predict wood density profiles
Wood Science and Technology volume 54, pages1151–1164(2020) [\[Link\]](#)
- WR-20-06 Eva Rocha, Björn Gunnarson, Malin E. Kylander, Anna Augustsson, Anders Rindby, Steffen Holzkämper**
Testing the applicability of dendrochemistry using X-ray fluorescence to trace environmental contamination at a glassworks site
Science of The Total Environment, Volume 720, 10 June 2020, 137429 [\[Link\]](#)
- WR-20-07 Eva Rocha, Björn E. Gunnarson, Steffen Holzkämper**
Reconstructing Summer Precipitation with MXD Data from *Pinus sylvestris* Growing in the Stockholm Archipelago
Atmosphere 2020, 11(8), 790 [\[Link\]](#)
- WR-20-08 J. Julio Camarero, Andrea Hevia**
Links between climate, drought and minimum wood density in conifers
Brill Volume 41: Issue 2, p236-255 [\[Link\]](#)
- WR-20-09 Andrea Hevia, Filipe Campelo, Regina Chambel, Joana Vieira, Ricardo Alía, Juan Majada, Raúl Sánchez-Salguero**
Which matters more for wood traits in *Pinus halepensis* Mill., provenance or climate?
Annals of Forest Science volume 77, Article number: 55 (2020) [\[Link\]](#)
- WR-20-10 Allan Buras, Florian Hirsch, Anna Schneider, Tobias Scharnweber. Ernst van der Maaten, Roberto Cruz-García, Thomas Raab, Martin Wilmking**
Reduced above-ground growth and wood density but increased wood chemical concentrations of Scots pine on relict charcoal hearths
Science of The Total Environment, Volume 717, 15 May 2020, 137189 [\[Link\]](#)
- WR-20-11 Alexander V. Kiryanov, Paul J. Krusic, Vladimir V. Shishov, Eugene A. Vaganov, Alexey I. Fertikov, Vladimir S. Myglan, Valentin V. Barinov, Jo Browse, Jan Esper, Viktor A. Ilyin, Anastasia A. Knorre, Mikhail A. Korets, Vladimir V. Kukarskikh, Dmitry A. Mashukov, Alexander A. Onuchin, Alma Piermattei, Alexander V. Pimenov, Anatoly S. Prokushkin, Vera A. Ryzhkova, Alexander S. Shishikin, Kevin T. Smith, Anna V. Taynik, Martin Wild, Eduardo Zorita, Ulf Büntgen**
Ecological and conceptual consequences of Arctic pollution
Ecology Letters, Volume23, Issue12, December 2020, Pages 1827-1837 [\[Link\]](#)

- WR-21-01 V. L. Gavrikov, A. I. Fertikov, R. A. Sharafutdinov, E. A. Vaganov**
Species-specific and Non-species-specific Elemental Trends in Tree Rings
Doklady Earth Sciences volume 496, pages96–99 (2021) [\[Link\]](#) [\[Link\]](#)
- WR-21-02 Julie Edwards, Kevin Anchukaitis, Björn Gunnarson, Charlotte Pearson, Kristina Seftigen, Georg von Arx, Hans Linderholm**
The origin of tree-ring reconstructed summer cooling in Northern Europe during the 18th century eruption of Laki
JOURNAL OF GEOPHYSICAL RESEARCH, VOL. ???, XXXX, DOI:10.1029/, [\[Link\]](#) [\[Link\]](#)
- WR-21-03 R Sierra-de-Grado, V Pando, J Voltas, R Zas, J Majada, J Climent**
Straightening the crooked: intraspecific divergence of stem posture control and associated trade-offs in a model conifer
Journal of Experimental Botany, erab535, <https://doi.org/10.1093/jxb/erab535> [\[Link\]](#)
- WR-21-04 Grace Jones, Mateusz Liziniewicz, Stergios Adamopoulos, Johan Lindeberg**
Genetic Parameters of Stem and Wood Traits in Full-Sib Silver Birch Families
Forests 2021, 12(2), 159; <https://doi.org/10.3390/f12020159> [\[Link\]](#)
- WR-21-05 Chris Balouet, Joel Burken, Jacques Martelain, Jonathan Lageard, Frank Karg, David Megson**
Dendrochemical forensics as material evidence in courts: How could trees lie?
ENVIRONMENTAL FORENSICS 2021, AHEAD-OF-PRINT, 1-7 [\[Link\]](#) [\[Link\]](#)
- WR-21-06 M.A. Gurskaya, J. Lange, V.V. Kukarskih, A. Buras, M. Wilmking**
Stationarity of climate-growth response is only marginally influenced by the soil moisture regime in Western Siberia
Dendrochronologia, Volume 69, October 2021, 125873 [\[Link\]](#)
- WR-21-07 Marín Pompa-García, Andrea Hevia, J. Julio Camarero**
Minimum and maximum wood density as proxies of water availability in two Mexican pine species coexisting in a seasonally dry area
Trees volume 35, pages597–607 (2021) [\[Link\]](#)
- WR-21-08 Jesper Björklund, Georg von Arx, Patrick Fonti, Petter Stridbeck, Tom De Mil, Anna Neycken, Kristina Seftigen**
The utility of bulk wood density for tree-ring research
Dendrochronologia, Volume 69, October 2021, 125880 [\[Link\]](#)
- WR-21-09 В. Л. Гавриков, А. И. Фертиков, Р. А. Шарафутдинов, Е. А. Ваганов**
Изменчивость элементного состава годичных колец хвойных пород
ISSN 0536-1036 [\[Link\]](#)
- WR-21-10 Yu-Yen Pan, Masakazu Nara, Ludvig Löwemark, Olmo Miguez-Salas, Björn Gunnarson, Yoshiyuki Iizuka, Tzu-Tung Chen, Shahin E. Dashtgard**
The 20-million-year old lair of an ambush-predatory worm preserved in northeast Taiwan
Scientific Reports volume 11, Article number: 1174 (2021) [\[Link\]](#)
- WR-21-11 Sameh Mhamdi, Mohamed Tahar Elaieb, Naoufel Souayah, Mariem Khouja, Mohamed Larbi Khouja, Ali Aloui, Kévin Candelier**
Growth and Productivity Modeling of Seven Eucalyptus Species in Souiniet's Arboretum in the Northwestern of Tunisia
Forestist 2021: XX(XX): 1-16, DOI: 10.5152/forestist.2021.20062 [\[Link\]](#)
- WR-21-12 ГАВРИКОВ В.Л.1, ФЕРТИКОВ А.И.1, ШАРАФУТДИНОВ Р.А.1, ВАГАНОВ Е.А.**
ВИДОСПЕЦИФИЧНОСТЬ ТРЕНДОВ ЭЛЕМЕНТНОГО СОСТАВА В ГОДИЧНЫХ КОЛЬЦАХ ДЕРЕВЬЕВ
<https://www.elibrary.ru/item.asp?id=44596071> [\[Link\]](#)

- WR-22-001 Vladimir Gavrikov, Alexey Fertikov, Ruslan Sharafutdinov, Anton Pyzhev, Eugene Vaganov**
Dendrochemical Challenge in Climate Science: Whether Chemical Elements in Wood Reflect the Fluctuations in Weather Parameters
Plants 2022, 11, 3240. [\[Link\]](#)
- WR-22-002 Julie Edwards, Kevin J. Anchukaitis, Björn E. Gunnarson, Charlotte Pearson, Kristina Seftigen, Georg von Arx, Hans W. Linderholm**
The Origin of Tree-Ring Reconstructed Summer Cooling in Northern Europe During the 18th Century Eruption of Laki
Paleoceanography and Paleoclimatology, Volume 37, Issue 2, February 2022, e2021PA004386 [\[Link\]](#)
- WR-22-003 Rosario Sierra-de-Grado, Valentin Pando, Jordi Voltas, Rafael Zas, Juan Majada, Jose Climent**
Straightening the crooked: intraspecific divergence of stem posture control and associated trade-offs in a model conifer
Journal of Experimental Botany, Vol. 73, No. 4 pp. 1222–1235, 2022 [\[Link\]](#)
- WR-22-004 Vladimir Gavrikov, Alexey Fertikov, Ruslan Sharafutdinov, Eugeny Vaganov**
Elemental Relationships in the Wood of Four Siberian Conifers: Whether Elements Are an Occasional Mixture
Int. J. Plant Biol. 2022, 13(2), 142-150 [\[Link\]](#)
- WR-22-005 M Pehkonen, M Holopainen, A Kukko, J Hyyppä, J Pyörälä**
How tree morphology reflects ring properties in Norway spruce? [\[Link\]](#)
- WR-22-006 Marian-Ionuț Știrbu, Cătălin-Constantin Roibu, Marco Carrer, Andrei Mursa, Lucrezia Unterholzner, Angela Luisa Prendin**
Contrasting Climate Sensitivity of Pinus cembra Tree-Ring Traits in the Carpathians
Front Plant Sci. 2022; 13: 855003. [\[Link\]](#)
- WR-22-007 David J. Schimpf, Julia A. Kelly**
Long-term Study of the Magney-Snively Old-Growth Northern Hardwood Forest, Duluth, Minnesota, USA
University of Minnesota Duluth, USA. Retrieved from the University of Minnesota Digital Conservancy, https://hdl.handle.net/11299/228096 [\[Link\]](#)
- WR-22-008 Alba Anadon-Rosell, Tobias Scharnweber, Georg von Arx, Richard L. Peters, Marko Smiljanic, Simon Weddell, Martin Wilmking**
Growth and Wood Trait Relationships of Alnus glutinosa in Peatland Forest Stands With Contrasting Water Regimes
Frontiers in Plant Science, published: 12 January 2022, doi: 10.3389/fpls.2021.788106 [\[Link\]](#)
- WR-22-009 Antonio Gazol, Cristina Valeriano, Alejandro Cantero, Marta Vergarechea, Jesús Julio Camarero**
Douglas Fir Growth Is Constrained by Drought: Delineating the Climatic Limits of Timber Species under Seasonally Dry Conditions
Forests 2022, 13(11), 1796 [\[Link\]](#)
- WR-22-010 Alba Anadon-Rosell, Tobias Scharnweber, Georg von Arx, Richard L. Peters, Marko Smiljanic, Simon Weddell, Martin Wilmking**
Growth and Wood Trait Relationships of Alnus glutinosa in Peatland Forest Stands With Contrasting Water Regimes
Front. Plant Sci., 12 January 2022, Sec. Functional Plant Ecology, Volume 12 - 2021 [\[Link\]](#)

- WR-23-001 T. Scharnweber, E. Rocha, A. González Arrojo, S. Ahlgrimm, B. E. Gunnarson, S. Holzkämper, M. Wilmking**
To extract or not to extract? Influence of chemical extraction treatment of wood samples on element concentrations in tree-rings measured by X-ray fluorescence
Front. Environ. Sci. 11:1031770., doi: 10.3389/fenvs.2023.1031770 [\[Link\]](#)
- WR-23-002 Vladimir L. Gavrikov, Alexey I. Fertikov, Vladimir E. Vidus, Ruslan A. Sharafutdinov, Eugene A. Vaganov**
Elemental Variability in Stems of *Pinus sylvestris* L.: Whether a Single Core Can Represent All the Stem
Stem. Diversity 2023, 15, 281 [\[Link\]](#)
- WR-23-003 Ana Prohaska, Alistair W. R. Seddon, Oliver Rach, Andrew Smith, Dirk Sachse, Katherine J. Willi**
Long-term ecological responses of a lowland dipterocarp forest to climate changes and nutrient availability
New Phytologist (2023) 240: 2513–2529 [\[Link\]](#)
- WR-23-004 Chris Balouet, Joel Burken, Jacques Martelain, Jonathan Lageard, Frank Karg, David Megson**
Dendrochemical forensics as material evidence in courts: How could trees lie?
ENVIRONMENTAL FORENSICS, 2023, VOL. 24, NOS. 1–2, 21–27 [\[Link\]](#)
- WR-23-005 Emad A. Farahat, Holger Gärtner**
Wood anatomy and dendrochronological potentiality of some woody shrubs from the southern Mediterranean coast in Egypt
Front Plant Sci. 2023; 14: 1183918 [\[Link\]](#)
- WR-23-006 Heather A Haines, William T Hiscock, Jonathan G Palmer, Chris S M Turney, Zoë A Thomas, Haidee Cadd, Juee Vohra, Christopher E Marjo**
THE ACCURACY AND PRECISION OF SMALL-SIZED MODERN WOOD SAMPLES ANALYZED AT THE CHRONOS 14CARBON-CYCLE FACILITY
Radiocarbon, Volume 65, Issue 2, April 2023, pp. 561 – 571, DOI: <https://doi.org/10.1017/RDC.2023.4> [\[Link\]](#)
- WR-23-007 Grace Jones, Mateusz Liziniewicz, Johan Lindeberg, Stergios Adamopoulos**
Non-Destructive Evaluation of Downy and Silver Birch Wood Quality and Stem Features from a Progeny Trial in Southern Sweden
Forests 2023, 14(10), 2031 [\[Link\]](#)
- WR-23-008 J. Julio Camarero, Michele Colangelo, Angelo Rita, Andrea Hevia, Manuel Pizarro, Jordi Voltas**
A multi-proxy framework to detect insect defoliations in tree rings: a case study on pine processionary
Front. Ecol. Evol., 14 August 2023, Sec. Paleoecology [\[Link\]](#)
- WR-23-009 Daniel Moreno-Fernández, Andrea Hevia, Iciar Alberdi, Isabel Cañellas**
Influence of Silvicultural Operations on the Growth and Wood Density Properties of Mediterranean Pines
Intech Open [\[Link\]](#)
- WR-23-010 Mateusz Liziniewicz**
Phenotypic relationships between non-destructive and volumetric methods of wood density estimation Technical report from a study of Norway spruce, Scots pine, silver birch and hybrid aspen.
©Skogforsk 2023 ISSN 1404-305X [\[Link\]](#)

- WR-24-01 Hsin-Lin Wei, Chuan-Chou Shen, Ludvig Löwemark, Chien-Yi Liao, Shu-Li Chen, Chun-Kuang Hsieh**
Rapid detection of elements' radial translocation and mobility in tree rings by iTrax core scanner
EGU General Assembly 2024, Vienna, Austria, 14–19 Apr 2024, EGU24-14763 [\[Link\]](#)
- WR-24-02 Grace Jones, Maria Ulan, Mateusz Liziniewicz, Johan Lindeberg, Stergios Adamopoulos**
Relating estimates of wood properties of birch to stem form, age and species
J. For. Res. 35, 14 (2024) [\[Link\]](#)
- WR-24-03 Caroline Christina Jaozandry, Jean-Michel Leban, Arnaud Legout, Gregory van der Heijden, Philippe Santenoise, Gilles Nourrisson, Laurent Saint-André**
Advances in assessing translocation of Ca, K and Mn within oak tree stems
Heliyon, Available at SSRN: <https://ssrn.com/abstract=4668819> or <http://dx.doi.org/10.2139/ssrn.4668819> (2024) [\[Link\]](#)
- WR-24-04 Chenxi Xu, Yaru Zhao, Wenling An, Qingyu Zhao, Yucheng Liu, Masaki Sano, Takeshi Nakatsuka**
Method to measure tree-ring width, density, elemental composition, and stable carbon and oxygen isotopes using one samples
J. For. Res. 35, 56 (2024) [\[Link\]](#)
- WR-24-05 Nicolás C. Zanetta-Colombo, Tobias Scharnweber, Duncan A. Christie, Carlos A. Manzano, Mario Bliersch, Eugenia M. Gayo, Ariel A. Muñoz, Zoë L. Fleming, Marcus Nüsser**
When another one bites the dust: Environmental impact of global copper demand on local communities in the Atacama mining hotspot as registered by tree rings
Science of The Total Environment, Volume 920, 10 April 2024, 170954 [\[Link\]](#)
- WR-24-06 Pablo J. Donoso, Tomás Riquelme-Buitano, Celso Navarro, Daniel P. Soto, Anthony W. D'Amato**
Moderate-severity silvicultural methods generate better forest reorganization than other silvicultural methods in temperate rainforests four decades after implementation
Forest Ecology and Management, Volume 560, 15 May 2024, 121843 [\[Link\]](#)
- WR-24-07 Grace Jones, Maria Ulan, Mateusz Liziniewicz, Johan Lindeberg, Stergios Adamopoulos---se 02**
Relating estimates of wood properties of birch to stem form, age and species
J Forestry Research, Volume 35, article number 14, (2024) [\[Link\]](#)
- WR-24-08 Samuli Helama, Timo Saarinen, Tapio Suominen, Mauricio Fuentes, Thomas Frank, Björn E. Gunnarson**
An integration of μ XRF and X-ray microdensitometry records in dendrochronology
Dendrochronologia, Volume 86, August 2024, 126229 [\[Link\]](#)
- WR-24-09 Jose Kallarackal, Fernando Ramírez**
Research Needs and General Conclusions
Wood Density, https://link.springer.com/chapter/10.1007/978-3-031-61030-1_7#citeas [\[Link\]](#)
- WR-24-10 Miloš Rydval, Jesper Björklund, Georg von Arx, Krešimir Begović, Martin Lexa, Juliana Nogueira, Jonathan S. Schurman, Yumei Jiang**
Ultra-high-resolution reflected-light imaging for dendrochronology
Dendrochronologia, Volume 83, February 2024, 126160 [\[Link\]](#)
- WR-24-11 PONTON S., DUPOUEY J.-L., PRICE DUTHEIL G., IMBERT STULC A., POSZWA A., RUELLE J.1, PAUL T., ROSE C., GIRARDCLOS O., PENAGOS C., COUBRAY S., LEMOINE M., DUFRAISSE A**
Retrouver l'origine des bois de chênes à partir de leur composition élémentaire - apports et limites de l'analyse μ XRF (ITRAX)
Colloque interdisciplinaire, 22 – 24 avril 2024, Cité de l'Architecture et du Patrimoine, Paris, P51 [\[Link\]](#)
- WR-24-12 Vladimir L. Gavrikov, Alexey I. Fertikov, Ruslan A. Sharafutdinov, Eugene A. Vaganov**
Early- and Latewood vs. Stem Asymmetry: Which Is More Important for Dendrochemistry in Scots Pine?
Forests 2025, 16(3), 493; <https://doi.org/10.3390/f16030493> [\[Link\]](#)
- WR-24-13 Malek Haghshenas, Lisa J Wood**
Subalpine fir response to drought in northern British Columbia, Canada
Forestry: An International Journal of Forest Research, cpae052, <https://doi.org/10.1093/forestry/cpae052> [\[Link\]](#)
- WR-24-14 Vladimir L. Gavrikov, Ruslan A. Sharafutdinov, Alexey I. Fertikov, Eugene A. Vaganov**
Properties of ions may explain elemental stoichiometry in late- and early-wood: a case study in Scots pine tree rings
J of Forestry Research, Volume 35, article number 126, (2024) [\[Link\]](#)
- WR-24-15 Divya Arora, Keshav Upadhyay, R. K. Verma**
Dendro-Paleoclimatology: An Optimal Climate Change Detection Technique to Strengthen Forest Ecosystem
Forests and Climate Change, Chapter First Online: 19 September 2024, pp 789–816 [\[Link\]](#)

Thesis

WR-21-t01 Rocha, Eva

Trees and the environment: Possibilities and challenges in tree-ring research across spatial and temporal scales based on case studies in Sweden.

Stockholm University, Dissertations in Physical Geography No. 15 (2021)

[\[Link\]](#)

WR-22-t01 Mika Falkensjö Oppenheim

POSSIBLE TIMING OF THE TRANSITION FROM PRE-INDUSTRIAL TO INDUSTRIAL CLIMATE IN THE CENTRAL TO NORTHERN OF SWEDEN, BASED ON PROXY DATA FROM TREE-RINGS

Göteborg University, ISSN 1400-3821, B1211

[\[Link\]](#)

WR-22-t02 Martina T. Tingley

POLLEN EVIDENCE OF LATE HOLOCENE HUMAN-LANDSCAPE IMPACT IN THE LOFOTEN ISLANDS, NORWAY

Northern Arizona University

[\[Link\]](#)

WR-22-t03 Ann-Kathrin Wild

Elemental variability in treerings as indicator for climate change – a case study on beech and oak trees at the Laacher See, Germany

URN: urn:nbn:se:su:diva-202942, OAI: oai:DiVA.org:su-202942, DiVA, id: diva2:1649916

[\[Link\]](#)

WR-22-t04 Grace Jones

Birch Stem and Wood Traits in Genetic and Silviculture Trials in Southern Sweden

Växjö: Linnaeus University Press, 2022. , p. 75

[\[Link\]](#)

WR-22-t05 Dengcheng Feng

VISUALIZING INORGANICS IN WOOD AND WOOD COMPOSITES USING X-RAY MICRO-CT

THE UNIVERSITY OF BRITISH COLUMBIA

[\[Link\]](#)

WR-22-t06 Ivar Treffner

A 17TH CENTURY FLUIT WRECK IN GULF OF FINLAND

University of Tartu, Faculty of Arts and Humanities, Institute of History and Archaeology, Department of Archaeology
WR-

WR-22-t07 Dao DOUGABKA

Influence des variations climatiques sur la croissance et la qualité du bois de deux essences des zones semi-arides tchadiennes : *Faidherbia albida* (Del.) A. Chev. et *Balanites aegyptiaca* (L.) Delile

L'UNIVERSITÉ DE MONTPELLIER

[\[Link\]](#) [\[Link\]](#)

WR-23-t01 Jonatan Uusitalo

If Trees Could Talk - Dendrochemistry, a Promising Method for Understanding Pollution History

Siberian Federal University

[\[Link\]](#)

WR-23-t02 KOTENEVA A.S.

EVALUATION OF TREE-RING PARAMETERS AND ELEMENTAL COMPOSITION OF *PINUS SIBIRICA* OVER AN ALTITUDINAL GRADIENT IN THE ERGAKI NATURAL PARK

Geovetarcentrum, Göteborg University

[\[Link\]](#)

SR-24-t01 Julie Edwards

Advances in Climate and Extreme-Event Analyses Using Quantitative Wood Anatomy

THE UNIVERSITY OF ARIZONA

[\[Link\]](#)

Report

WR-22-r01 Carlos Castañeda Posadas

El uso de indicadores indirectos para reconstrucción ambiental del Cuaternario

CIBIOS – BUAP, Revista Científica de Ciencias Biológicas y Sostenibilidad, p15

[\[Link\]](#)

Biology

BR-23-01 ANE ELISE SCHRØDER, DANIEL K. P. WIELANDT, JAN A. RASMUSSEN, GIORGIO CARNEVALE, MICHAEL STOREY

Benchmark micro-X-ray fluorescence, μ XRF: an exciting tool for anatomical studies of fossil bony fishes

Lethaia, vol 56, Issue 2 april 2023, <https://doi.org/10.18261/let.56.2.3>

[\[Link\]](#)

BR-23-02 Nondita Malo, Debashish Mazumder, Jagoda Crawford, Patricia Gadd, Karthik Gopi, Neil Saintilan, Jesmond Sammut

Evaluating the Application of Portable Handheld X-ray Fluorescence (XRF) Scanner for Determining Seafood Provenance: A Case Study on *Penaeus monodon*

Foods 2023, 12, 2874.

[\[Link\]](#)

BR-24-01 Mariel Keaney, Debashish Mazumder, Carol V. Tadros, Jagoda Crawford, Patricia S. Gadd, Paul Saeki, Jesmond Sammut, Neil Saintilan

Authenticating genuine Kakadu plum (*Terminalia ferdinandiana*) powders from fakes using stable isotope analysis and elemental profiling

Food Control

Volume 162, August 2024, 110468

[\[Link\]](#)

BR-24-02 Ian G. Gleadall, Hassan Moustahfid, Warwick H. H. Sauer, Lahsen Ababouch, Alexander I. Arkhipkin, Jilali Bensbai, Isa Elegbede, Abdelmalek Faraj, Pedro Ferreiro-Velasco, Roberto González-Gómez, Carmen González-Vallés, Unai Markaida, Piedad S. Morillo-Velarde, Graham J. Pierce, Stacy Pirro, Cristina Pita, Katina Roumbedakis, Yasunori Sakurai, David Scheel, Paul W. Shaw, Pedro Veiga, Demian A. Willette, Andreas Winter, Tadanori Yamaguchi

Towards global traceability for sustainable cephalopod seafood

Marine Biology, Volume 171, article number 44, (2024)

[\[Link\]](#)

Others fields

OR-19-05 Karthik Gopi, Debashish Mazumder, Jesmond Sammut, Neil Saintilan, Jagoda Crawford, Patricia Gadd
Isotopic and elemental profiling to trace the geographic origins of farmed and wild-caught Asian seabass (*Lates calcarifer*)
Aquaculture, Volume 502, 15 March 2019, Pages 56-62 [\[Link\]](#)

OR-20-01 Annika Carlson, Björn Eriksson, Joel S. Olsson, Göran Lindbergh, Carina Lagergren, Patric Jannasch, Rakel Wreland Lindström
Fuel cell evaluation of anion exchange membranes based on poly(phenylene oxide) with different cationic group placement
Sustainable Energy & Fuels 2020, 4, 2274 [\[Link\]](#)

OR-20-02 Jeannet A. Meima, Dieter Rammlmair
Investigation of compositional variations in chromitite ore with imaging Laser Induced Breakdown Spectroscopy and Spectral Angle Mapper classification algorithm
Chemical Geology, Volume 532, 20 January 2020, 119376 [\[Link\]](#)

OR-20-03 Annika Carlson, Björn Eriksson, Joel S. Olsson, Göran Lindbergh, Carina Lagergren, Patric Jannasch, Rakel Wreland Lindström
Fuel cell evaluation of anion exchange membranes based on poly(phenylene oxide) with different cationic group placement
Sustainable Energy Fuels, 2020, 4, 2274-2283 [\[Link\]](#)

OR-20-04 Jeannet A. Meima, Dieter Rammlmair
Investigation of compositional variations in chromitite ore with imaging Laser Induced Breakdown Spectroscopy and Spectral Angle Mapper classification algorithm
Chemical Geology, Volume 532, 20 January 2020, 119376 [\[Link\]](#)

SR-21-r01 Anders Schomacker and Sofia E. Kjellman
Past Precipitation on Svalbard
Svalbard Environmental Protection Fund [\[Link\]](#)

SR-21-r02 C McMillan, K David, T Murray, W A Timms, G C Rau, M S Andersen
Geological Mapping and Geophysical Surveys of the Thirlmere Lakes Area Thirlmere Lakes Research Program 4 (TLRP4)
WRL Research Report 270 | March 2021 [\[Link\]](#)

Reports

SR-19-r01 Monaghan, A.A.; Starcher, V.; O Dochartaigh, B.; Shorter, K.; Burkin, J.
UK Geoenergy Observatories : Glasgow Geothermal Energy Research Field Site : Science Infrastructure Version 2
BGS, OR_19_032_GGERFS_Science_infrastructure_reportv11.pdf [\[Link\]](#)

SR-19-r02 GEOMAR report
RV MARIA S. MERIAN Fahrtbericht/ Cruise Report MSM78
Berichte aus dem GEOMAR, Helmholtz-Zentrum für Ozeanforschung Kiel, Nr. 48 (N. Ser.), February 2019 [\[Link\]](#)

SR-19-r03 Kearsley, T.; Gillespie, M.; Entwisle, D.; Damaschke, M.; Wylde, S.; Fellgett, M.; Kingdon, A. ; Burkin, J.; Starcher, V.; Shorter, K.; Barron, H.; Elsome, J.; Barnett, M.; Monaghan, A.
UK Geoenergy Observatories Glasgow: GGC01 cored, seismic monitoring borehole – intermediate data release
BGS Open Report, OR_19_049_UKGEOS GGC01 [\[Link\]](#)

Books

SR-19-b01 Gregory BRB, Patterson RT, Galloway JM
Chapter 5: Climate-induced variations in sedimentary arsenic sequestration in Northern Canada during the Mid- to Late-Holocene
Carleton University, Ottawa, Ontario [\[Link\]](#)

SR-19-b02 Laura H. Crossley, Peter Langdon, David Sear, John A. Dearing, Ian W. Croudace
Chapter 34 - Palaeoenvironmental determination of biogeochemistry and ecological response in an estuarine marine protected area
Marine Protected Areas, Science, Policy and Management, 2020, Pages 667-683 [\[Link\]](#)

SR-22-r01 Stephanie Blankshein, Duncan Garrow, Fraser Sturt

Excavation and survey at Loch Bhorgastail, Isle of Lewis, Outer Hebrides (July 2021): - Interim report - [generic.wordpress.soton.ac.uk](#)

[\[Link\]](#)

SR-22-r02 Alexander Finlay, Richard Bates, Mohammed Bensharada, Sarah Davies

Applying chemostratigraphic techniques to shallow bore holes: Lessons and case studies from Europe's lost Frontiers
Europe's Lost Frontiers, Volume 1, Context and Methodology, Ch 10

REFERENCES FROM OTHER RESEARCH FIELDS

REFEREED (GEOLOGY)

GR-06-1 Melcher F., Oberthür T., Rammlmair D.

Geochemical and mineralogical distribution of germanium in Khusib Springs Cu-Zn-Pb-Ag sulfide deposit, Otavi Mountain Land, Namibia

Ore Geology Reviews (2006) v28 p32-56

[\[Link\]](#)

GR-07-1 Houben G.J., Wagner F.

Hyperfiltration of nickel sulphate solutions through silty sandstone and its effect on hydraulic conductivity

Applied Geochemistry (2007) v22 p2029-2044

[\[Link\]](#)

GR-12-1 Rammlmair D., Redwan M., Oke S.A.

Application of Edxrf Handheld to Optimize Exploration Strategies

Proceedings of the 10th International Congress for Applied Mineralogy, DOI: 10.1007/978-3-642-27682-8_71, p597-604 [\[Link\]](#)

GR-12-2 Redwan M., Rammlmair D.

Understanding Micro-Environment Development in Mine Tailings Using MLA and Image Analysis

Proceedings of the 10th International Congress for Applied Mineralogy, DOI: 10.1007/978-3-642-27682-8_71, p589-596 [\[Link\]](#)

GR-12-3 Rammlmair D., Huebner E., Sitnikova M.

Investigation on Microhardpan Texture using μ -CT and MLA

Proceedings of the 10th International Congress for Applied Mineralogy, DOI: 10.1007/978-3-642-27682-8_71, p581-588 [\[Link\]](#)