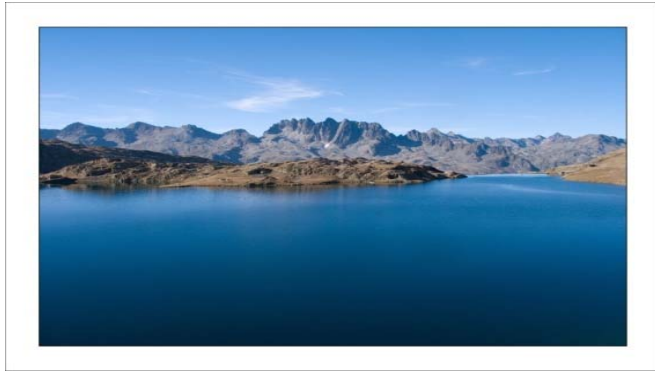
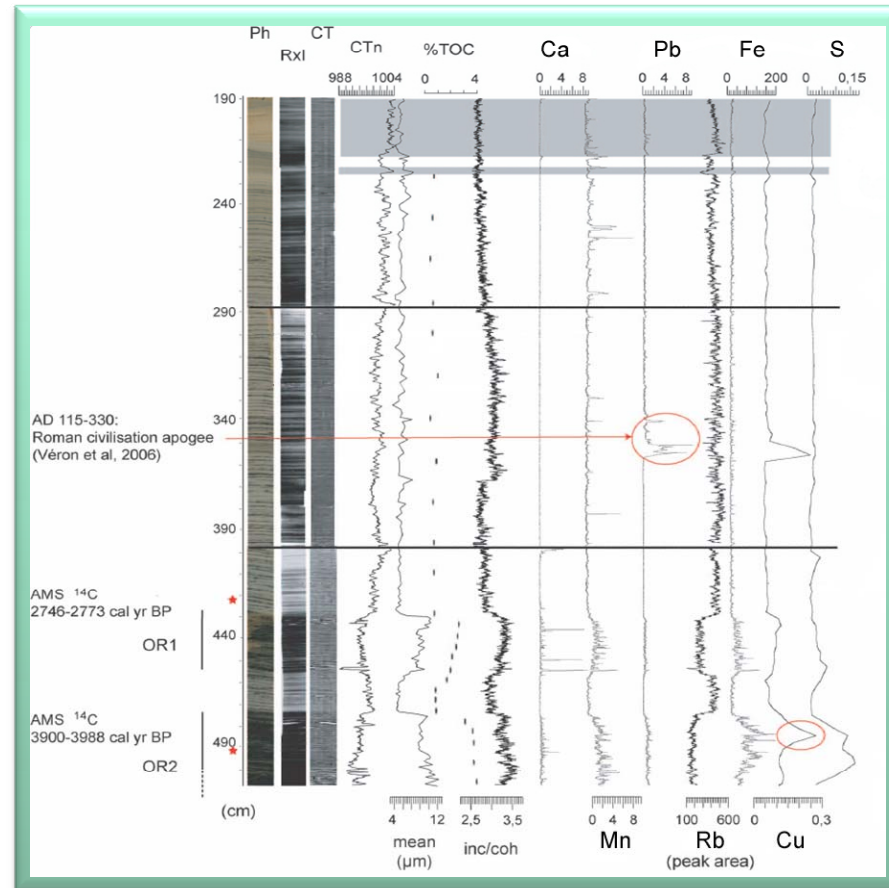


Lake Bramant

4000 years of climate and cultural history from a high altitude lake in western French Alps



H. Guyard and co-workers have been able to do high resolution XRF scan on fine-laminated sediment cores from lake Bramant in the Grandes Rousses Massif in western France. Power spectrum from varve formations over 4000 years showed significant frequencies of 3-4, 7-8 and 24-25 years period in recent sediments while 30-50 years period frequency was detected in sediments 3000 years old. Anomalous high levels of various metals has been interpreted as signs of mining activities during Roman time, and also during early bronze age.



Read more: **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)** Guyard H., Chapron E., St-Onge G., Anselmetti F.S., Arnaud F., Magand O., Francus P., Mélières M.-A. QUATERNARY SCIENCE REVIEW, v 26, I 19-21, p2644-2660