East Midlands Geological Society

Autumn Lectures 2025

Saturday 13th December 2025, 6.00 - 7.00pm

Reconstructing late Quaternary hydroclimates; lessons from local to global scales

Professor Matthew Jones

Professor of Quaternary Science, University of Nottingham

Lake Ohrid, Wikimedia Commons

Venue: School of Geography, Sir Clive Granger Building, University of Nottingham, University Park, Nottingham, NG7 2RD *Google Maps*

www.emgs.org.uk

***Matt Jones** is Professor of Quaternary Science and Head of the School of Geography at the University of Nottingham*.

Matt's research focusses on reconstructing late Quaternary hydroclimates, particularly using oxygen isotope ratios preserved in lake sediments. He has undertaken fieldwork in Turkey, Iran, Jordan and Mexico. Matt is currently one of the coordinators of the PAGES 2k Network, an international collaboration to reconstruct global hydroclimate patterns of the last 2000 years, to put current climate changes in context.

***Cover Image:** Lake Ohrid is Europe's oldest lake, located in an actively subsiding graben in the Balkan Mountains on the Albania-North Macedonia border. Sediments associated with the Lake have yielded a record of climate and ecosystem change extending back over a million years into our recent geological history, providing a framework for quantifying the more recent impact of humans on our planet.*