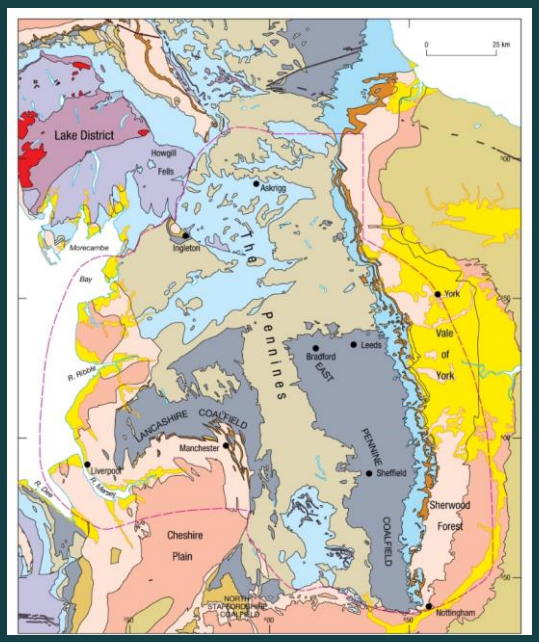
The Geological Society
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North West Regional Group

Liverpool Geological Society

JOINT HYBRID LECTURE

The Geological History of Northwest England & Why It Matters



Professor Peter Burgess

Professor of Computational Geoscience
University of Liverpool

DATE

Tuesday 24th November

19:00	19:30	20:30
Arrival	Talk starts	Finish

IN PERSON

University of Liverpool

Lecture Theatre C in the Central Teaching Hub

ONLINE

Join via Zoom

Meeting join link

About the lecture

North-west England records a remarkable geological journey, from ancient oceans and mountain building to tropical carbonate platforms, coal-bearing successions and desert basins.

Peter will explore how this history helps us predict geology, and why gaps in the rock record matter as much as the rocks we can see.

The story continues beyond the youngest strata preserved at outcrop. Burial histories suggest that Jurassic, Cretaceous and Paleogene rocks once covered the region. Their later removal by uplift and erosion reveals a more active tectonic history than we might expect.

About the speaker

Peter Burgess is a computational geoscientist with over 30 years of experience in academia and industry.

Following his Oxford PhD in 1994, he worked at Caltech, Liverpool and Cardiff, then spent eight years with Shell in the Netherlands. He returned to academia at Royal Holloway before joining Liverpool in 2016.

His research with the QUEST group explores sedimentary heterogeneity and environmental change through deep time, using quantitative experimental stratigraphy. He has wide interests in sedimentology, basin analysis and numerical modelling, and a longstanding passion for northwest England's geology.

Enquiries: geologicalsociety.northwest@gmail.com