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▼ The Society

Holocene Climate Change



The Geological Society is pleased to announce a forthcoming conference on Holocene climate change. The conference will examine high frequency climate changes reflected in the geological record, and the paces of change and their geological consequences, during the Holocene - the past 11,700 years. The conference will cover ocean change, sea-level variability, terrestrial change, ice core change, the modelling of any or all of these, and the

interaction between climate and humans; and keynote speakers include Graeme Barker, Ian Hall, Anthony Long, Ulysses Ninnemann, Paul Valdes, Bo Vinther and Heinz Wanner.

Registration is now open and there are a limited number of travel and accommodation grants available. The deadline for grant applications is 28 February. For further information visit www.geolsoc.org.uk/holocene13.

[Visit the website for more information](#)

[Email: Georgina Worrall](#)

GSL endorses the International Petroleum Technology Conference

We will be endorsing the International Petroleum Technology Conference – organised to further the advancement of scientific and technological knowledge related to the exploration, development, production, transportation and processing of oil and natural gas. Our endorsement begins with the 2014 conference in Doha, Qatar, from 20-22 January.



[Visit the website for more information](#)

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▼ Publications

Online bookshop sale starts 5 February

Our next online bookshop sale starts on 5 February and it's going to be huge! We have discounted 86 titles this time – something in most subject areas –and sale prices will start from £5.

- ▶ Lyell Meeting 2013: The Cambrian explosion
- ▶ Geological Curators' Group: Doing more with less
- ▶ Shell London Lectures 2013



Sign up to the [bookshop newsletter](#) to receive details of our online bookshop sales.

Other News

- ▶ EAGE/EFG Photo contest

[Visit the online bookshop](#)

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Out Now: Glaciogenic Reservoirs and Hydrocarbon Systems

[SP368](#): Glaciogenic Reservoirs and Hydrocarbon Systems

Publication date: 15 January 2013, 400 pages

Fellow's price: £60.00

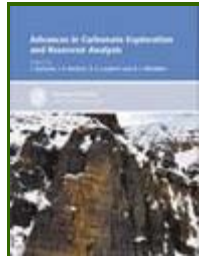
This volume aims to improve the understanding of glaciogenic deposits and their reservoir significance. It includes 3 overview papers and 16 original outcrop and subsurface case studies from Neoproterozoic to Pleistocene.



[Visit the website for more information](#)

[Email: Sales](#)

Out Now: Advances in Carbonate Exploration and Reservoir Analysis



[SP370](#): Advances in Carbonate Exploration and Reservoir Analysis

Publication date: 11 January 2013, 310 pages

Fellow's price: £45.00

This volume presents recent advances in carbonate exploration and reservoir analysis focusing on areas such as emerging plays, carbonate geomodelling and reservoir description.

[Visit the website for more information](#)

[Email: Sales](#)

Out Now: Remagnetization and Chemical Alteration of Sedimentary Rocks

[SP371](#): Remagnetization and Chemical Alteration of Sedimentary Rocks

Publication date: 9 January 2013, 290 pages

Fellow's price: £45.00

Remagnetization and chemical alterations are very common phenomena in sedimentary rocks. A better understanding of these processes can help to constrain the timing of diagenetic events and can also improve our ability to uncover primary magnetizations.



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Library & Info Services

Online papers: Clay mineral diagenesis and low-grade metamorphism



Swiss Journal of Geosciences vol.105 no.2 contains papers arising from the 10th anniversary Frey-Kübler Symposium. These demonstrate the important roles that clay mineral reaction processes, chemical reaction progress and structural reorganisation and ordering play in sedimentary and igneous rocks prior to their transformation into metamorphic rocks. Athens passwords needed for offsite access.

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Events

East Anglian Regional Group: Valuing groundwater - a hidden natural resource



Date: 7 February 2013

Venue: The Hobart Room, Norwich

Professor Kevin Hiscock will explain the provenance of groundwater resources globally, the significance of groundwater in meeting irrigation water demands and the role of groundwater in sustaining unique groundwater-dependent ecosystems. Free to attend. The lecture starts at 7:30pm.

[Visit the website for more information](#)

[Email: Ed Orchin](#)

West Midlands Regional Group: Geological hazards - how safe is Britain?

Date: 12 February 2013

Venue: Lapworth Museum of Geology

In this lecture, Hon Professor Martin Culshaw will explain the difference between 'hazard' and 'risk', outline the impact of geological hazards on us and make suggestions as to how geological hazards can be mitigated and the risks reduced. Free to attend. The lecture starts at 6:30pm.



[Visit the website for more information](#)

[Email: Daniel Welch](#)

From empiricism, through theory, to problem solving in rock engineering

Date: 13 February 2013

Venue: Institution of Civil Engineers, London



Starting with developments from tension-fractured physical models and progressing to the real jointed and three-dimensional world, Nick Barton will describe the lessons learned in rock engineering practice. Jointly organised by the Engineering Group, British Geotechnical Association and Institute of Civil

Engineers, this is the London version of the 6th Müller Lecture and is free to attend.

[Visit the website for more information](#)

[Email: BGA](#)

Solent Regional Group: Chartership with the Geological Society

Date: 13 February 2013

Venue: Southampton NOC

Bill Gaskarth will talk about the process for applying for Chartership, including: professional reports and CPD, what supporting documentation is required, sponsorship, interviews and what to expect. Free to attend. The talk starts at 6:30pm.



[Visit the website for more information](#)

[Email: Karen Allso](#)

South East Regional Group: The applications of geology to police, forensic and criminal investigations



Date: 19 February 2013

Venue: Mott MacDonald House, Croydon

Dr Laurance Donnelly will provide a general overview of the history and developments in forensic geology and how geologists have supported the police with certain types of crimes including murders, robbery and the search for graves. Free to attend. The lecture starts at 6pm.

[Visit the website for more information](#)

[Email: SERG](#)

Making the Himalaya: Oozing, squashing or sliding?

Date: 20 February 2013

Venue: The Geological Society, London

As well as raising Earth's highest mountain range, the Himalaya, the collision between India and Asia has caused lively debate between geologists about how continental crust behaves during plate collisions. Matt Kohn will look at the various models for how the middle of the crust deforms. This lecture is free to attend and will be given at 3pm and 6pm. To obtain a ticket, please email [Naomi](#)



[Newbold.](#)

[Visit the website for more information](#)

[Email: Naomi Newbold](#)

South West Regional Group: Slope management in the public realm



Date: 21 February 2013

Venue: The Dolphin Hotel, Devon

In this talk, Richard Hocking will discuss how Cornwall Council manages its slopes within the highway network, maintained property and along the South West Coast Path. Free to attend. The talk starts at 7pm.

[Visit the website for more information](#)

[Email: Jonathan King](#)

Southern Wales Regional Group: Geology Rocks!

Date: 23 February 2013

Venue: National Museum, Cardiff

Join the Southern Wales Regional Group to celebrate its 21st birthday at the National Museum. Visit the main hall for geological displays, come behind the scenes of the Geology Department to meet the museum scientists and attend a talk by guest lecturer Professor Iain Stewart. Free to attend for all the family.



[Visit the website for more information](#)

[Email: SWRG](#)

East Anglian Regional Group: Chalk - a rock for all reasons



Date: 28 February 2013

Venue: The Hobart Room, Norwich

Geologically it can be argued chalk is Britain's most important rock type. Dr James Lawrence will discuss how an understanding of the stratigraphical and material properties of chalk is key to understanding the response of the rockmass in any sector of the geoscience community. Free to attend. The lecture

starts at 7:30pm.

[Visit the website for more information](#)

[Email: Ed Orchin](#)

From Bradford Park to the Grand Canyon

Date: 2 March 2013

Venue: University of Leicester

The Leicester Literary and Philosophical Society are hosting a one-day seminar to celebrate the life



and work of Dr Trevor Ford O.B.E. A series of talks will reflect Dr Ford's very wide interests accrued over 60 years of geological research.



[Visit the website for more information](#)

[Email: Dr Joanne Norris](#)

West Midlands Regional Group: The British gas industry - considerations for the use of environmental forensics



Date: 12 March 2013

Venue: University of Wolverhampton

Historically, there were over 4000 Manufactured Gas Plants (MGP / Gasworks) in the UK and many more worldwide. Dr Russell Thomas will review the development of this industry and the technologies used and try to demonstrate how this industry's evolution may impact on how environmental forensics techniques are used in the UK and abroad. Free to attend. The lecture starts at 6:30pm.

[Visit the website for more information](#)

[Email: Daniel Welch](#)

Lyell Meeting 2013: The Cambrian explosion

Date: 13 March 2013

Venue: The Geological Society, London

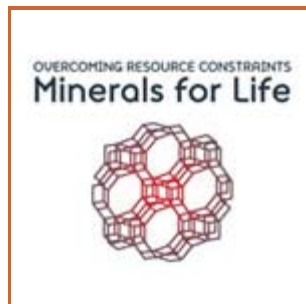
Relevant to all who are interested in complex feedback processes within Earth systems, the 2013 Lyell Meeting will examine the varied feedback processes operating in ecosystems during and after the Cambrian Explosion and the changes that occurred. Registration is now open.



[Visit the website for more information](#)

[Email: Naomi Newbold](#)

Geological Curators' Group: Doing more with less



Date: 25-26 April 2013

Venue: Guernsey Museums & Galleries

A chance to visit the natural history collections of Guernsey Museums and Art Galleries (GMAG) before the current (and first) Natural Science Curator and Geologist, Alan Howell, retires in May 2014. The first day will include visits to the new museum storage units and the second day will include a field excursion. All are welcome but there is a small charge for attendance.

[Visit the website for more information](#)

Shell London Lectures 2013

The next Shell London lecture, '[Landslides and subsidence: expecting the unexpected - engineering geology in an age of austerity](#)', will be delivered by David Shilston (GSL President & Atkins UK) on 27 February.



The lecture will be given twice on the same day, once at 3pm and 6pm. Entry to the lectures is free to all, but by ticket only. To obtain a ticket please contact Naomi Newbold and state which lecture you would prefer to attend.

[Visit the website for more information](#)

[Email: Naomi Newbold](mailto:Naomi.Newbold@geolsoc.org.uk)

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Other News

EAGE/EFG Photo contest



For the first time, the European Association of Geoscientists and Engineers (EAGE) and European Federation of Geologists (EFG) are jointly organising a photo contest. This year's theme is 'Geoscientists at work' and you can participate by submitting your photo via photocontest@houseofgeoscience.org. Deadline for entries is 1 April.

[Visit the website for more information](#)

[Email: EFG](mailto:EFG@houseofgeoscience.org)

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