



Welcome to the fortnightly **Geological Society** newsletter.

In this issue:

- [Call for 2016 Proposals: the Year of Water](#)
- [VOTE! VOTE! VOTE! for Council](#)
- [Online Bookshop Sale](#)
- [New Publication - Continent Formation through Time](#)
- [Recent Special Issues in the Virtual Library](#)
- [Upcoming Events](#)
- [Last chance to submit proposals for the Lyell Meeting 2016](#)
- [Register for Shale UK](#)
- [Specialist and Regional Group Events](#)
- [Other Events](#)

Call for 2016 Proposals: the Year of Water



As the Year of Mud at the Geological Society gets underway, we are already starting to plan for 2016 - the Year of Water! Themed years are at the heart of [the Society's science strategy](#), and throughout 2016 we will explore a wide range of water-related geoscience through research conferences, lectures, our education programme and other activities.

Science Committee is now inviting proposals for conferences to take place during 2016 on any geoscience topic related to water.

Meetings might focus on areas of application such as securing fresh water supplies, mitigating flood risk, or the role of water in extracting shale gas or safely disposing of our nuclear waste. Or they might address the important role of water in fundamental geological processes, including deep mantle processes, ore genesis in hydrothermal systems, or the role of water in the geology of Mars and other planets.

[Visit the website for more information](#)

[Back to top](#)



[Membership](#)



VOTE! VOTE! VOTE! Council Elections Open

Don't miss your chance to choose who should serve on Council.

As a Fellow this is your opportunity to decide who you think best represents the interests of all Fellows and can shape the future of the Society. Fourteen nominations have been received, two for President-designate and 12 for the remaining seven places.

[Login to your page on the Society's website \(MyGSL\) to cast your vote.](#)

Voting will close on **31 March 2015**.

[Read Council biographies](#)

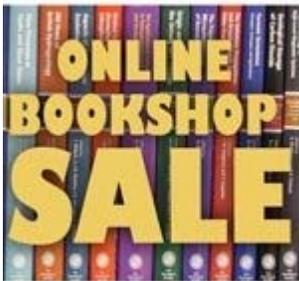
[Visit the website for more information](#)

[Back to top](#)



Publications

The Online Bookshop Sale starts Today!



The Society's online Bookshop sale, **starts today and ends at midnight (GMT) on 5 March 2015.**

You'll also find a range of titles priced from £10 each. Don't delay, some publications have limited stock available!

[Visit the website for more information](#)

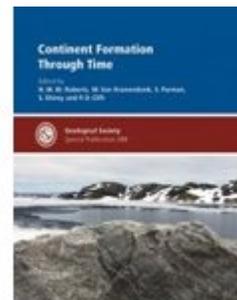
[Back to top](#)

New Publication: SP389 - Continent Formation Through Time

Edited by N.M.W. Roberts, M. Van Kranendonk, S. Parman, S. Shirey and P.D. Clift

Published 17 February 2015

Processes associated with plate tectonics are generally accepted as controlling crust-generation during the Phanerozoic, but it is not clear when these processes started, and how they have changed through time.



This volume will address this question at regional to global scales, across a wide range of time intervals and using a variety of approaches.

[Visit the website for more information](#)

[Back to top](#)



Library and Information Services

Recent special issues in the Virtual Library

The Recent Special Issues section of the Virtual Library contains details of thematic special issues from e-journals which are available to Fellows. These include both the [Library's 'Athens' login journals](#) and ones which are freely available online.

New special issues on the following topics have been added to the February section:

- [Correlations of Quaternary Fluvial, Eolian, Deltaic and Marine Sequences: SEQS 2013](#)
- [Supercontinental cycles and geodynamics](#)

Athens authentication can also be used to access more than 90 other journals from leading publishers.

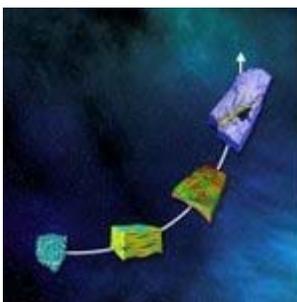
[Visit the website for more information](#)

[Back to top](#)



Events

Recognising the Limits of Reservoir Modelling and overcoming them



Date: 4 - 5 March 2015

Venue: Elphinstone Hall, University of Aberdeen

REGISTRATION OPEN

This conference seeks warts-and-all tales of reservoir models that eventually became accurate; descriptions of iteration between

reservoir characterisation and reservoir performance; stories of managing small-scale heterogeneity in large scale models.

The conference seeks to recognise the limits of our current workflows and chart a way forward to more accurate, useful and efficient reservoir modelling practices.

Corporate Affiliates and GSL associated Societies can register at a reduced fee.

[Find out if your company is a Corporate Affiliate.](#)

GSL associated Societies include AAPG, AIPG, GSA, NGWA and SEPM.

[For more information visit the website](#)

[Back to top](#)

Last Chance to submit Proposals for the Lyell Meeting 2016

CLOSING DATE: 28 FEBRUARY 2015

The Joint Committee for Palaeontology (JCP) is a joint liaison body of the Palaeontographical Society, Palaeontological Association, The Micropalaeontological Society and the Geological Society of London.

The primary function of JCP is to organise the annual Lyell meeting and to promote Palaeontology within the Earth Sciences. The date for the 2016 Lyell meeting is Wednesday 9 March 2016 and a call for proposals is now open. Those wishing to propose a topic and convene this meeting are invited to submit developed proposals to the JCP by **28 February 2015**.



[Visit the website for more information](#)

[Back to top](#)

EFG Meeting 2015: Mining in a Crowded Country



Date: Workshop and Field Trips: 11 - 12 June 2015

Council Meeting: 13 - 14 June 2015

Venue: North of England Institute of Mining and Mechanical Engineers

REGISTRATION IS NOW OPEN

Coal dominates the long history of mining. Along side this, lead and more recently fluorspar are important in the hills behind Newcastle, and now potash from a deep mine in North Yorkshire. However in this heavily populated region there are differing views about land use and the acceptability of mining in the 21st Century.

This workshop discusses future prospects for mining in the region and explores (in the field) the legacy of metal mining in the North Pennines. Current good practice in meeting modern environmental standards in coal mining is also discussed.

[For more information on this meeting visit the website.](#)

Follow this event on Twitter: [#EFG2015](#)

[Back to top](#)

Ground Characterisation for Sustainable Underground Space



Date: 20 - 21 May 2015
Venue: The Geological Society, Burlington House, London



CALL FOR ABSTRACTS

It has long been recognised that the subsurface is a complex, scarce and valuable resource. With urbanisation, and in order to support a well functioning society, we are now becoming more reliant on using the subsurface for physical infrastructure (e.g. underground networks such as utilities & transport) and for the storage and containment of resources (energy & water) and waste (CO₂ & radioactive waste). This meeting will focus on the importance of understanding the subsurface for now and the future.

We welcome both poster and oral presentation contributions for this meeting covering any of the following themes:

- Subsurface investigation: Invasive and/or non-invasive
- Sustainable management of subsurface resource: Nearfield and farfield interaction
- Regulation and planning: 3D resource management/planning and regulation
- Construction and design
- Decommissioning/reuse of space

If you would like to be considered for a slot in the programme, please send an abstract of no more than 400 words to [Jess Aries](#) no later than 5pm on Friday 13 March 2015.

[For more information, visit the website](#)

Twitter: [#exploitsubsurface](#) and [#yearofmud](#)

[Back to top](#)

William Smith Bicentenary Events



This year is the bicentenary of the publication of William Smith's Geological Map, the first national geological map of any country, described by Simon Winchester in his book *The Map that changed the World* (Viking, 2001). A copy of Smith's map is proudly displayed in the entrance hall of our Apartments here in Burlington House.

In collaboration with many other organisations, [a year-long programme of events](#) has been planned, some in London but many in other centres of England and Wales (www.williamsmith2015.org).

The launch of the celebratory year is to take place at the Geological Society, Burlington House on 23 March, Smith's birthday. It will include an opportunity to inspect a recently rediscovered, pristine, first edition copy of Smith's map. This is a ticketed event, if you are interested in attending please contact [Annie Sewell](#).

In addition to the launch event, on Monday 23 March a [Green Plaque](#) will be unveiled at the location where William Smith lived from 1804 - 1819, 15 Buckingham Street. This address now houses the offices of Marubeni Oil and Gas.

If you are in the area on the day and wish to witness the unveiling you are welcome to do so. Please contact [Annie Sewell](#) for more details.

[See the events that have been planned so far](#)

[Back to top](#)

Register Now for Shale UK

Date: 4 - 5 March 2015

Venue: Milton Court, London Barbican

Shale UK 2015 will present an authoritative view of the geoscience behind shale exploration, production and environmental management. It will bring together the leading experts from the UK, US and elsewhere with decision-makers, potential investors, others in the hydrocarbons and energy supply chain, and other stakeholders with an interest in shale gas and oil.



Fellows of the Society receive a discounted rate.

[Download the registration form](#)

[Visit the website for more information](#)

[Back to top](#)

London Lectures in February and March



When Continents Collide: Active Deformation and Sismic Hazard

Date: 25 February 2015

Venue: The Geological Society, Burlington House, London

Webcasts at 3pm and 6pm

In this lecture Tim Wright, a geophysicist at the University of Leeds, will describe how we can use the latest satellites to map how continents deform. He will highlight how we can make extraordinarily accurate measurements, use this information to understand where damaging earthquakes are likely to occur, and how the results can be used to reduce their devastating impacts.

The lecture is fully booked, but you can watch the live webcast. Details will be added to the event page on the day.

[Visit the website for more information](#)

Follow this event on Twitter: [#gsllecture](#)

[Back to top](#)

March London Lecture: The Cambrian Shales of Scandinavia and their Remarkable Trilobites

Date: 10 March 2015

Venue: The Geological Society, Burlington House, London

Webcasts at 3pm and 6pm

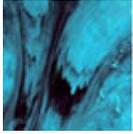
In March, Euan Clarkson of the University of Edinburgh will discuss trilobites that developed in the Cambrian alum shales of Scandinavia. He will explore the many factors that contributed to their development and pay particular attention to adaptations of various olenids.

To find out when the ballot opens, [register your details](#).

[Visit the website for more information](#)

Follow us on Twitter: [#gsllecture](#)

[Back to top](#)



Groups & Networks

Solent Regional Group: Events

Groundwater: the Good, the Bad and the Ugly

Date: 18 March 2015

Venue: University of Southampton, NOC

Though groundwater may be out of sight, it is not necessarily out of mind and is vital to sustaining life on Earth. It is the world's most extracted raw material, about 60% is used for agriculture and provides 25% to 40% of the world's drinking water.



The talk will focus on how groundwater is vulnerable to contamination and affected by changes in climate patterns and how it can interfere with engineering construction of underground infrastructure. A series of examples from the US and UK will be referred to.

[Visit the website for more information](#)

The Stratigraphy of the Lambeth Group and its Effects on Engineering Properties

Date: 21 April 2015

Venue: University of Portsmouth (Burnaby Building)

Speaker: Dr Jackie Skipper (Geotechnical Consulting Group)

Joint meeting of Solent Regional Group and ICE Southern Geotechnical Group

[Visit the website for more information](#)

[Back to top](#)

Hong Kong Regional Group: AGM and Lecture



Date: 25 February 2015

Venue: Mariners Club, Hong Kong

Geologists in Hong Kong: Our worth and are we worthy?

The talk following the AGM will examine some challenges to the continued development of professionalism in our role as geologists. In doing so, it will touch on motivation, working environment, academic training, individual and collective sense of "worth" and professional recognition.

[Visit the website for more information](#)

[Back to top](#)

Schools Geology Challenge

Supporting the A Level Geology curriculum and also open to students from other disciplines the Schools Geology Challenge pits schools from around a region in a three round event comprising a poster entry, presentation with discussion and a quick fire and fun geological quiz.

The winning school from each region goes on to the national final in Burlington House in April 2015.



Home Counties Regional Group

Date: 25 February 2015

Venue: Sharnbrook Sixth Form, Odell Road, Sharnbrook

The Schools Geology Challenge is being run in the region for the first time this year.

The host school chooses the topic and the theme this year is Planetary Geology.

[Visit the website for more information](#)

Southern Wales Regional Group

Date: 10 March 2015

Venue: Amman Valley Comprehensive, Dyfed

The Schools Geology Challenge was founded in South Wales in 2010 and went national in 2012.

[Back to top](#)

Engineering Group: Further Developments with Embankment Dams on the Mercia Mudstone



Date: 4 March 2015

Venue: Burlington House, London

This presentation deals with the geotechnical aspects of reservoir design and construction using Mercia Mudstone. Information is drawn from original desk study work and construction experience from the Lincolnshire reservoir, and more recently investigations and other studies relating to the new Cheddar Reservoir.

[Visit the website for more information](#)

[Back to top](#)

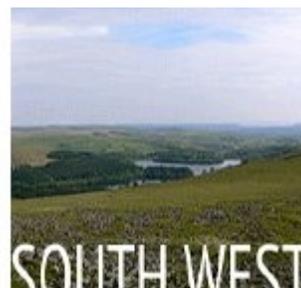
South West Regional Group Events

Chartership with the Geological Society

Date: 4 March 2015

Venue: Portland Sq, Devonport Lecture Theatre, Plymouth University

This seminar provides an overview and update on the process of becoming a Chartered Geologist.



Application numbers for Chartership continue to rise and recently the applicants web pages have been totally reorganised to simplify the information and to provide a [Step by Step guide](#) to an application. Information is provided for Sponsors and for Scrutineers so that the 3 groups can see what each is being told.

Chartered Fellows with 10 years' relevant experience are encouraged to apply to become Scrutineers and/or Mentors.

[Visit the website for more information](#)
[Back to top](#)

GeoCareers Fair

Date: 5 March 2015
Venue: Sherwell Exhibition Hall, Plymouth University

The school of Geography, Earth and Environmental Science plays host again to the GeoCareers fair. This is an excellent opportunity to meet representatives from the private, public and voluntary sector - allowing participants to see the wide range of graduate careers available.

[Visit the website for more information](#)
[Back to top](#)

West Midlands Regional Group: Hydrogeological Investigations - Maximising Data and Minimising Cost

Date: 10 March 2015
Venue: Atkins (the Axis), 10 Holliday Street, Birmingham



This talk will explore the value of conducting mining hydrological studies. A comparison will be made between costs associated with running a stand alone hydrogeological programme or a bolt-on programme and, most importantly, the quality of the data obtained.

Some case studies of recent work completed by Wardell Armstrong International will be examined at different study levels.

[Visit the website for more information](#)
[Back to top](#)

East Midlands Regional Group: A diet fit for a king? Isotope analysis of the remains of Richard III

Date: 10 March 2015
Venue: Ulster Museum, Northern Ireland

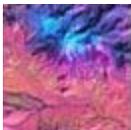
The recent discovery of the remains of King Richard III, one of the most controversial characters in British history, provides an opportunity to use scientific methods to assess conflicting historical and literary descriptions of his life.

Dr Angela Lamb, from the British Geological Survey, will examine the changes in isotope chemistry found in Richard's teeth, femur and rib bones; all of which develop and rebuild at different stages of life.



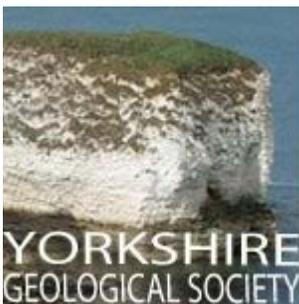
[Visit the website for more information](#)

[Back to top](#)



Other Events

Yorkshire Geological Society: The Chalk of the Northern Province



CALL FOR PAPERS: DEADLINE 31 MARCH 2015

This meeting aims to bring together workers with a broad interest in the chalk group. The primary aim is to review advances in the sedimentology, lithostratigraphy and biostratigraphy of the chalk of the Northern Province, and to identify the extent to which these characterise the regional context.

Presentations are invited on relevant research topics, either as short lectures (approx 20 mins) or as posters (with the opportunity of a short oral summary and discussion). Contributors are requested to confirm their intent to submit a presentation to the Symposium Secretary before **31 March 2015**. Abstracts must be submitted no later than 31 July 2015.

[Visit the website for more information](#)

[Back to top](#)

The Petroleum Exploration Society of Great Britain: Stoneley Lecture Series

Date: 10 March 2015

Venue: Central Hall, Victoria

PESGB is delighted to announce that Sir Tony Robinson, star of the BBC's Black Adder series and presenter of the hugely popular Channel 4 documentary, Time Team will deliver this year's Stoneley Lecture.



As this year marks 200 years since the eruption of Mount Tambora in Indonesia the lecture will be on volcanos. This eruption is still the largest ever recorded, ranking a 7 (or "super-colossal") on the Volcanic Explosivity Index.

[Visit the website for more information](#)

Follow this event on Twitter: [#pesgb](#)

[Back to top](#)

Royal Astronomical Society: Tectonics from Above - Recent Advances in the use of High-resolution Topography and Imagery





Date: 13 March 2015
Venue: Burlington House, London

Topography is one of the most important geophysical observations that can be made at the Earth's surface, but often one that is taken for granted.

This meeting hopes to expose to a wider audience the new data sets, and methods that are currently available for measuring continental topography and surface displacements. Secondly it aims to provide a forum for the discussion of new tectonic applications of high-resolution topography and imagery.

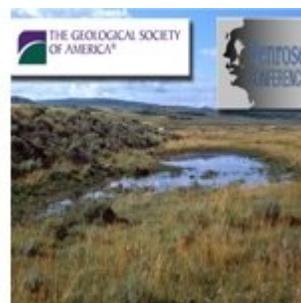
[Visit the website for more information](#)
[Back to top](#)

Geological Society of America: Penrose Conference

Date: 22 - 27 July 2015
Venue: Evanston, Wyoming

The conference, including focused technical presentations, field trips, and workshop, will be held at the historic Union Pacific Railroad Roundhouse Conference Center.

Topics to be addressed include active (Pleistocene to late Holocene) extensional tectonics overprinted on preexisting Sevier and Laramide structures, tectonic geomorphology, earthquake hazard/risk, neotectonic effects on hydrocarbon occurrence, and crustal evolution in the eastern Basin and Range transition zone.



[Visit the website for more information](#)
[Back to top](#)



The Geological Society of London • Burlington House • Piccadilly, London W1J 0BG

<http://www.geolsoc.org.uk>

[Subscribe](#) | [Unsubscribe](#) | [Send to a Friend](#) | [Preferences](#) | [Report Spam](#)