



Welcome to the fortnightly Geological Society newsletter.

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## Sharing Education Practice in the Geosciences: HEN Annual Meeting



The 2015 Higher Education Network (HEN) Annual Meeting is taking place on 21 January at Plymouth University.

Presentations will cover a broad range of educational practice across the Geography, Earth and Environmental Sciences (GEES) disciplines, with two specially-invited keynotes and a topical lunchtime discussion. The follow-up e-gaming workshop on Jan 22 is a great opportunity to find out how gaming is currently being used, and to discuss the future potential of e-gaming to teach geoscience. The workshop will also feature a demonstration in Plymouth University's innovative Immersive Vision Theatre.

To book a place for one or both of these days please visit the [Plymouth University website](#).

[Visit the website for more information](#)

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Membership



## Applications Open for 2015 Research Funds

Applications are invited for the 2015 round of the Society research funds. Download the appropriate form from the [Society Awards and Research Grants page](#) where you will also find information about the Society's and other funds administered by the Society. The average award has been about £1000.

Applications need to reach the Society no later than 1 February 2015 and must be supported by two Fellows of the Society who must each complete a supporting statement form. The Research Grants committee meets once annually and only complete applications on the appropriate form will be considered.



Novas Consulting Ltd is again generously providing bursaries for undergraduate field mapping; supervisors are asked to encourage their students to submit their applications.

[Visit the website for more information](#)

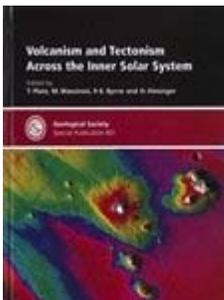
[Read about an undergraduate mapping project funded by a Society bursary in Geoscientist](#)

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## Publications

### New from GSL: Volcanism and Tectonism Across Inner Solar System



Edited by T. Platz, M. Massironi, P.K. Byrne and H. Hiesinger

List price: £130

Fellow's price: £65

Other societies price: £78

Volcanism and tectonism are the dominant endogenic means by which planetary surfaces change. This Special Publication features 22 research articles and aims to encompass the broad range in character of volcanism, tectonism, faulting and associated interactions observed on planetary bodies across the inner solar system - a region that includes Mercury,

Venus, Earth, the Moon, Mars and asteroids.

[Visit the website for more information](#)

### GSL Open Access Papers

Boxing day 2004 saw one of the most catastrophic Tsunamis in living memory. To observe the 10th anniversary of this devastating event we've made selected related articles in The Lyell Collection free to access.



[Visit the website to access the articles](#)  
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## 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.

The following new special issues have been added to January's section.

- [The Central Asian Orogenic Belt in Northern China](#)
- [Dating, synthesis, and interpretation of palaeoclimatic records](#)
- [Evolution of the Scotia Arc](#)
- [Plate and plume tectonics](#)
- [Snowmastodon Project fossil site](#)



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

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## Events

### Lyell Meeting 2015: Mud, glorious mud, and why it is important for the fossil record

Date: 11 March 2015

Venue: The Geological Society, Burlington House, London

REGISTRATION NOW OPEN

Mudrocks provide an unrivalled medium for the preservation of fossils. This exceptional preservation has, in turn, enabled significant scientific advances in the functional morphology and



evolution of biota throughout life history and, a high resolution record of the ways in which biota adapt and evolve during environmental change.



This meeting will be of interest to those interested in understanding Earth surface processes particularly periods of extreme environmental change as well as those interested in the exceptional preservation of fossils.

[To register and for more information visit the website](#)

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## The Geology of Geomechanics



Date: 28 - 29 October 2015

Venue: The Geological Society, Burlington House, London

### CALL FOR ABSTRACTS

This conference aims to bring together geologists and engineers from the petroleum, radioactive waste disposal, carbon sequestration, mining and geothermal communities to discuss the links between the geomechanical disciplines and mainstream geology.

For this meeting we encourage submission of papers that address the full spectrum of geomechanics applications. We aim to promote lively discussion and closer collaboration among and between geologists and engineers - both researchers and practitioners.

The deadline for abstracts is 1 June 2015.

[To submit an abstract and for more information, visit the website](#)

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## London Lecture: Glories of Mud

Date: 21 January 2015

Venue: The Geological Society, Burlington House, London

Webcasts at 3pm and 6pm

David Manning (GSL President & University of Newcastle) delivers the first of the 2015 London Lectures.

2015 is the Year of Mud, an opportunity for us to celebrate that most common of materials loved by geologists. This talk will explore the benefits of mud, past and present, to our well-being and prosperity.



[Visit the website for more information](#)

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

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## Education & Careers

### EMpower 2015 Research Project Placements



Exciting project placements are available from EMpower. The aim of the scheme is to give Science Masters students, who would not otherwise necessarily consider a career in the nuclear sector, the chance to experience the 'nuclear' industry first hand.

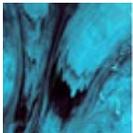
The deadline for receipt of applications is 29

January 2015.

Full details of each project and how to apply are available on the [EMpower website](#)

[Visit the website for more information](#)

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## Groups & Networks

### West Midlands Regional Group: Near Surface Geophysics as used in Geotechnical site investigations

Date: 13 January 2015

Venue: Atkins (The Axis) Birmingham

Geophysical surveys are becoming more common place as they become an accepted part of geotechnical site investigations.

Utilising case studies which introduce methods such as resistivity tomography, microgravity, seismic, electromagnetic and magnetics techniques, Dr Simon Hughes presents a talk on the advantages and limitations of the modern science.



[Visit the website for more information](#)

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### Geological Screening for Disposal of Radioactive Waste



Following an [initial technical meeting on the National Geological Screening Exercise at Burlington House on September 30](#), Radioactive Waste Management (RWM) is holding a series of meetings with Geological Society Regional Groups, as part of a programme of public events offering an opportunity for people to engage in the debate.



## Upcoming Events:

**Home Counties North Group: AGM and short lecture on Geological Screening for Disposal of Radioactive Waste**

Date: 20 January 2015

Venue: Sir Robert McAlpine, Maylands Avenue, Hemel Hempstead

[Visit the event page for more detail](#)

**Western Regional Group: The Current Status of Geological Screening for Disposal of Radioactive Waste**

Date: 20 January 2015

Venue: Atkins, The Hub (Ground Floor), 500 Park Avenue, Bristol

[Visit the event page for more detail](#)

**Southern Wales Group: Implementing Geological Disposal for higher activity Radioactive Waste**

Date: 27 January 2015

Venue: School of Earth Sciences, Cardiff University

[Visit the event page for more detail](#)

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## Engineering Group: Lecture on aspects of the York Potash Ltd Mineral Transport System Tunnel

Date: 22 January 2015

Venue: The Geological Society, Burlington House, London

The Engineering Group along with the British Tunnelling Society present a talk on the building plans for the first potash mine in the UK for over 40 years - a plan for North Yorkshire that has both local and national significance.

York Potash Limited (YPL) intends to build a state-of-the-art mine to extract polyhalite, a unique multi-nutrient form of potash, this will not only safeguard UK supplies, but also boost the local, regional and UK national economies.

The talk describes the proposed mine and ground investigations carried out to date and discusses the various geological, geotechnical and hydrogeological aspects of the tunnel investigations.

[Visit the website for more information](#)



## East Anglian Regional Group: Sinkholes!



Date: 29 January 2015

Venue: The Pierce Room, Assembly House, Theatre Street, Norwich

The winter of 2013-14 over 25 'sinkholes' opened up across southern Britain. Whilst sinkholes are not uncommon in the UK, it was unusual to have so many collapses occurring in a relatively short



period of time. This talk will explore what causes sinkholes to form, where they occur and why we study them.

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## East Midlands Regional Group: Going Underground: Geology and Tunnelling

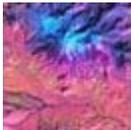
Date: 27 January 2015

Venue: University of Derby, Kedleston Road Campus

After a brief introduction to tunnelling methods and techniques, this talk presents some examples of how direct interactions between underground excavations and geology have influenced the design, construction and performance of the works - and possibly how, with geological hindsight, things might sometimes have been done differently.



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### Other News

## Photo contest: Geoscientists at work



The 2015 edition of the EFG/EAGE photo contest 'Geoscientist at work' is now open for entries. The 2015 calendar, displaying the Top 12 pictures of the last contest, is also available to purchase.

Photos can be submitted in the following sub-categories:

- Education & Training
- Landscapes & Environment
- Fieldwork
- Energy

The Top 12 pictures will be included in a travelling exhibition around Europe and great prizes will be rewarded to the Top 3 winners.

Please submit your photos by 1 March 2015 to [photocontest@houseofgeoscience.org](mailto:photocontest@houseofgeoscience.org).

[Visit the House of Geoscience website for more information](#)  
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## Upcoming Courses

EduMine: Precious Metals Ore Processing



Date: 22 January 2015  
Venue: EduMine 580 Hornby Street, Vancouver, BC, Canada

This course is for anyone concerned with the mineralogy and processing of precious metals from ores.

[Visit the website for more information](#)



University of Sussex: Geomorphological Processes

Date: 26-30 January 2015

Venue: University of Sussex

This endorsed CPD course will cover the range of geomorphological processes that may pose hazards and shape landscapes, including weathering, mass movement, glacial & permafrost, fluvial, dryland, coastal and subsea processes.

[Visit the website for more information](#)

Fugro: Soil & Rock Logging to EC7

Date: 27 January 2015

Venue: Fugro House, Hitercroft Rd, Wallingford

One day hands-on introduction to and practical in soil and rock logging. The course will also include the opportunity to visit soil testing facilities.

[Visit website for more information](#)

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## Geologist's Directory Online Update



Updating is underway for the latest refresh of [www.thegeologistsdirectory.com](http://www.thegeologistsdirectory.com) which is the reference source for contractors and consultants in the Earth Sciences sector and endorsed by The Geological Society.

If you wish to ensure your company is included and find out how promotion of your services on the site could help generate enquiries for your services please email [geo@boundarymedia.co.uk](mailto:geo@boundarymedia.co.uk) or call the directory team on 01892 662225.

[Visit thegeologistsdirectory for more information](#)

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## Young Earth Scientists (YES) Network Newsletter

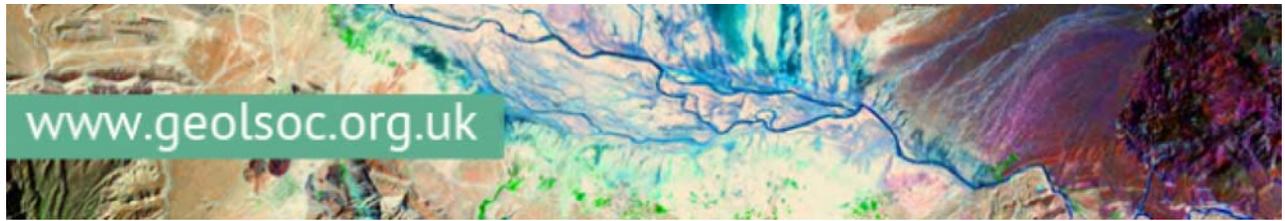
The latest YES Network Newsletter features activities and news from the second semester of 2014, and the network's perspectives for the year 2015.

Highlights include a report on the 3rd International YES Congress in Dar Es salaam, Tanzania, new partnerships & collaborations, and some great news concerning the future of the network.



[Visit the website to download the newsletter](#)

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