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Welcome to the fortnightly Geological Society newsletter.

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## Geological Society Fellows Among UK's Leading Practising Scientists

To celebrate its 10th anniversary, the Science Council ran a competition to find 100 of the UK's leading professional scientists.

The results were announced on 14 January 2014 and geologists are well represented in the list. Seven Geological Society of London Fellows, including two former Presidents, have been named on the Science Council's list of the UK's 100 leading professional scientists. Find out more about the winners on our website.



[Visit the website for more information](#)  
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Earth Science Week, 13-19 October 2014, 'Our Geo-Heritage'



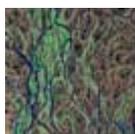
Following the success of 2013's Earth Science Week, we're keen to reach an even wider audience this year. The dates for UK Earth Science Week 2014 will be October 13-19, with a theme of 'Our Geo-Heritage.' We're hoping that events during Earth Science Week will help to promote the UK's geological heritage sites, from famous landmarks like the Giant's Causeway, to less well known areas of geological significance, so do get in touch with ideas if you'd like to take part. As ever, we want to promote guided and self guided geology walks, in towns and cities as well as the countryside, so let us know if you're able to plan one during the week and we'll make sure it gets publicised.

The homepage is [www.geolsoc.org.uk/earthscienceweek](http://www.geolsoc.org.uk/earthscienceweek), which will be continually updated throughout the year. Please email if you want to propose an idea, or find out more about getting involved.

[Visit the website for more information](#)

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

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## Membership

### Geofacets-GSL Millennium Edition Launched - exclusive to GSL members



Elsevier and the Geological Society of London (GSL) have collaborated to provide GSL members with a unique opportunity to gain individual access to thousands of geological maps from the renowned Lyell Collection through the Geofacets platform.

The Geofacets platform is an innovative map-based research tool designed for geoscientists. These maps are downloadable, geo-referenced, and accompanied by meta data, article abstracts and links to original source articles.

Log in to MyGSL on the [GSL website](#) to add this benefit to your membership.

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

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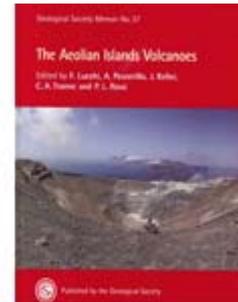


## Publications

### Memoir 37 The Aeolian Islands Volcanoes

Edited by F. Lucchi, A. Peccerillo, J. Keller, C.A. Tranne & P.L. Rossi  
978-1-86239-365-3  
List price £130 / Fellows' price £65

This memoir describes the stratigraphic, structural, volcanological and petrological features of the Aeolian Islands volcanoes, both at the regional scale and for single islands. New geological maps at a scale 1:10 000 are presented for the Aeolian Islands, together with bathymetric maps and an extended dataset of rock compositions.



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### SP381 Antarctic Palaeoenvironments and Earth-Surface Processes



Edited by M.J. Hambrey, P.F. Barker, P.J. Barrett, V. Bowman, B. Davies, J.L. Smellie & M. Tranter  
978-1-86239-363-9  
List price £125 / Fellows' price £62.50

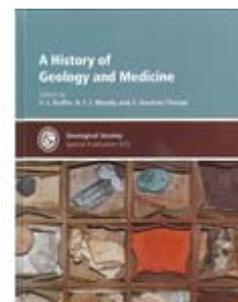
The volume highlights developments in understanding of the palaeogeographical, palaeobiological, palaeoclimatic and cryospheric evolution of Antarctica. It focuses on the sedimentary record from the Devonian to the Quaternary Period. It features tectonic evolution and stratigraphy, as well as processes taking place at the ice/bedrock interface and beyond the ice margin, including the continental shelf.

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### SP375 A History of Geology and Medicine

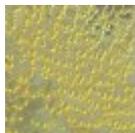
Edited by C.J. Duffin, R.T.J. Moody and C. Gardner-Thorpe  
978-1-86239-356-1  
List price £125 / Fellows' price £62.50

The early history of geology is full of examples of physicians who contributed to the development of the science. The therapeutic use of geological materials extends from ancient Egyptian times to the present. This volume draws together research currently being undertaken by an international collection of geologists, medical personnel, historians and linguists.



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## Library and Information Services

### New Exhibition: The Society's Portrait and Bust Collection



The Archives' latest online exhibition, 'The Society's Portrait and Bust Collection', focuses on the paintings and sculptures of Fellows and distinguished individuals which are displayed around the rooms and staircase of the Society's apartments in Burlington House.

The exhibition gives an introduction to the sitters depicted and their connections with our organisation, from Mary Anning to Henry Woodward. This collection joins the Society's other online exhibitions, 'Louis Agassiz's Fossil Fish' and 'Women and Geology in the 19th Century'.

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## Events

### Call for Papers: International Petroleum Technology Conference



Deadline: 12 February 2014

The Geological Society of London will once again be endorsing the International Petroleum Technology Conference. The eighth meeting will be held in Kuala Lumpur, Malaysia on 10-12 December 2014.

The Call for Papers is now open for abstract submission under the theme of "Innovation and Collaboration: Keys to Affordable Energy". More than 1,500 technical papers are expected to be submitted for consideration at the largest multi-society oil and gas event in the eastern hemisphere. The programme committee seeks paper proposals on a variety of themes including geosciences & geophysics, reservoir, drilling & completions and many others.

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## Call for Papers: Sustainable Resource Development Conference

Deadline: 31 January 2014

The Geological Society invites you to submit either an oral or poster abstract for the Sustainable Resource Development Conference by 31 January 2014. The Conference will be held on 24-26 June 2014 in Leh, Ladakh, India.



The sessions themes include:

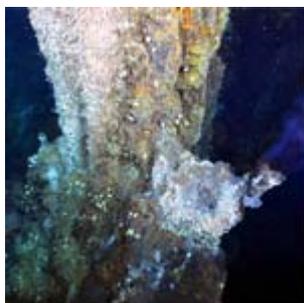
- New Advances in the Geologic and Tectonic Evolution of Colliding Continents
- Renewable Energy Resources
- Hydrocarbon and Mineral Resources in the Himalayan Basins
- Natural Hazards and Risks
- Climatic Changes and Global Warming
- Development and Environmental Challenges
- Tourism Opportunities, Challenges Opportunities and Challenges (Mountain, Heritage and Culture)

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Email: [Georgina Worrall](#)

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## Lyell Meeting 2014: Deep Sea Chemosynthetic Ecosystems: Where they are found, how they work and what they looked like in the geological past



Date: 12 March 2014

Venue: Burlington House, London

This meeting will bring together geologists, marine biologists and ecologists, palaeontologists and geomicrobiologists to highlight recent achievements in our understanding of chemosynthetic ecosystems, past and present.

The meeting will explore the complex relationships between geology and life at these sites; details of chemosymbiotic animal-microbial interactions; and how and when animals adapted to life in these extreme environments. Finally, recent hypotheses about the existence of similar ecosystems on other Solar System planets will be presented.

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Email: [Naomi Newbold](#)

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## Fermor Meeting 2014: Comparative Planetology

Date: 19-20 May 2014  
Venue: Burlington House, London

A great deal of new data on the terrestrial planets and moons has been produced recently from numerous planetary orbiters, together with rovers. This meeting is planned to bring together scientists who are studying aspects of planetary science on terrestrial planets in the inner solar system. Presentations will fall under three broad themes: Planetary crusts and interiors, planetary surfaces and surface processes (including volcanism, tectonic activity, sedimentation, and impact cratering), and planetary climates and atmospheres.



[Visit the website for more information](#)

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

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## Policy & Media

### Response to the Department of Energy and Climate Change review of the Managing Radioactive Waste Safely siting process

The changes to the siting process for a Geological Disposal Facility proposed in the consultation document represent a significant step forward. We are pleased to see that lessons have been learned from the experience of attempting to implement the previous siting process, including points raised by the Geological Society, both in response to the May 2013 Call for Evidence and at earlier stages, regarding the use and communication of geoscience in the process.

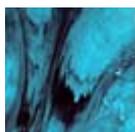
The full response sets out the key points and calls for greater clarity on a number of aspects of the proposed siting process.



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## Groups & Networks

### Home Counties North: The Engineering Geology of Chalk - a total rock approach



Date: 21 January 2014  
Speaker: Prof Rory Mortimore  
Venue: Burlington House

Home Counties North will be hosting an evening lecture on 21 January 2014 at Burlington House. Prof Rory Mortimore will be delivering a talk entitled 'The Engineering Geology of Chalk - a total rock approach'. The meeting starts at 6.30pm with refreshments from 6pm. Please see the Home Counties North Regional Group webpage for other upcoming events.

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Email: [Home Counties North Regional Group](#)  
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## East Anglian Regional Group: The Geology of Wine

Date: 25 February 2014  
Speaker: Dr Jennifer Huggett (Petroclays)  
Venue: Assembly House, Norwich

The factors that together influence the style of wine a vineyard produces are often summarised in the term terroir. This term suffers from misuse, particularly where the significance, or lack of significance, of the underlying rock formations is concerned.

In this talk Dr Huggett will be discussing the facts and the myths of geoviticulture, by way of a tour of Europe, with a brief foray into Australia.



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## Hong Kong Regional Group: Advances in Terrain Mapping and Analysis for Landslide Hazard Assessment



Date: 22 February 2014  
Venue: The Hong Kong Polytechnic University

This one-day conference on advances in terrain mapping and analysis for landslide hazard assessment includes a keynote address from the 2013 Glossop Lecturer, Professor Jim Griffiths of The University of Plymouth, U.K.

[Visit the website for more information](#)  
Email: [Kitty Chan](#)  
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Other News

## New Blog: Earth Science Week Photography Competition - the Results!

Happy new year, blog followers! After a week or so to recover from the advent madness, we're up and running again and always looking for contributions - email Sarah Day if you'd like to pitch an idea for a blog piece.

Last year we held a photo competition to celebrate 'Geology on your doorstep', and had a lovely mix of entries. First prize went to James Codd for 'Grit at Burbage in the Peak District.' We loved the composition, and its story of past and present uses of millstone grit, from industry to leisure.



[Visit the website for more information](#)

Email: [Sarah Day](#)

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