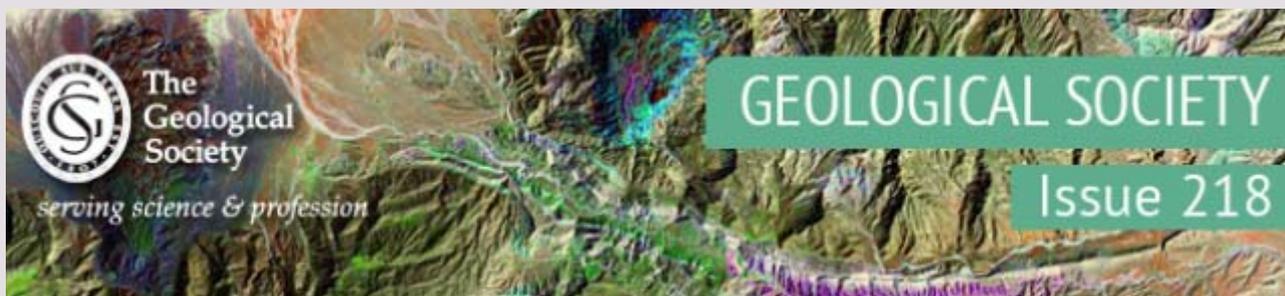


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Welcome to the fortnightly Geological Society newsletter.

In this issue you'll find:

[Fellowship renewals and a new mapping product for 2014](#)

[A call for nominations for Society awards](#)

[Details of a special membership offer](#)

[Information on online access to additional e-journals & e-books](#)

[New online papers from the library](#)

[Upcoming events](#)

[Earth Science Week 2013](#)

[A response to the Carbon Capture and Storage Inquiry](#)

[Resources on shale gas](#)

[Specialist and Regional group events](#)



Membership

Renew your Fellowship



Renew your Fellowship online - login to access renewals under MyGSL.

New for 2014:

Subscribe to Geofacets-GSL Millennium Edition and access 24,000+ maps via 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.

[Visit our website for more information](#)

Email: [Membership](#)

Join the Society: Special Offer

The Geological Society has a special offer for new members. Sign up as a Fellow for 2014 and get the rest of 2013 free! [Apply Online](#) today.

As a Fellow you will join an international community of geoscientists, with over 10,000 Fellows worldwide in over 80 countries. Fellows cover the spectrum of geoscience professions, from industry and consultancy to education and the public sector.

Find out about the [benefits of becoming a Fellow](#) of the Geological Society and [how to apply](#).

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Call for Nominations



Fellows of the Society are invited to submit nominations for the Society's 2014 awards to the Awards Committee. Nominations should ideally be endorsed by several supporters to demonstrate wide support in the community.

Specialist and Regional Group Committees can also make nominations. These need only be signed by the Chair of the Group, who should make it clear that they are representing the whole Committee.

Nominations must be received no later than Friday, 4 October 2013.

[Visit our website for more information](#)

Email: [Stephanie Jones](#)

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Publishing

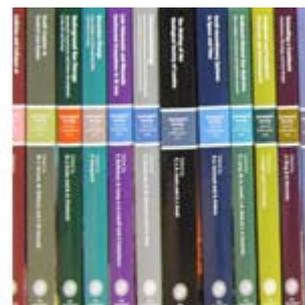
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Make your selection from 30 publications, priced at £25 each.

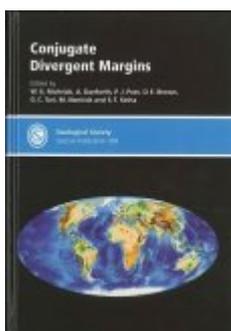
Sale ends at midnight tonight.

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New publication: SP369 Conjugate Divergent Margins



Edited by W.U. Mohriak, A. Danforth, P.J. Post, D.E. Brown, G.C. Tari, M. Nemčok & S.T. Sinha

This book provides an overview of break-up processes, rift structures, salt tectonics and petroleum systems along divergent margin settings, comparing the stratigraphic and structural development with their conjugate margins. This approach, based on large geological and geophysical datasets, has proven very useful for sedimentary basin analysis and petroleum exploration.

Available in hard copy: www.geolsoc.org.uk/sp369

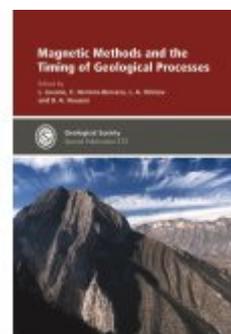
Available online: <http://sp.lyellcollection.org/content/369/1>

Email: [Publications](#)

New Publication: SP373 Magnetic Methods and the Timing of Geological Processes

Edited by L. Jovane, E. Herrero-Bervera, L.A. Hinnov & B.A. Housen

Magnetostratigraphy represents a set of magnetic methods that aid in the timing of geological processes, and includes measurements of geomagnetic field parameters, magnetic properties, radiometric dating and astronomically forced palaeoclimatic change recorded in sedimentary rocks, and key corrections to magnetic directions related to geodynamics, palaeocurrents, tectonics and diagenetic processes.



Available in hard copy: www.geolsoc.org.uk/sp373

Available online: <http://sp.lyellcollection.org/content/373/1>

Email: [Publications](#)

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Library & Information Services

Earth & Environmental Science E-journals & E-books



Online access to additional e-journals published by Elsevier and e-journals & e-books published by Springer has been arranged for Fellows of the Geological Society using Athens logins.



Access to the extra e-journals from Elsevier will be available during September and October, and the Springer publications will be available until the end of the year.

We will be using data from these trials to enhance the development of our collections. Visit our Virtual Library for details of publications available and how to get an Athens login.

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Online Papers - Miocene Mammal Fossils

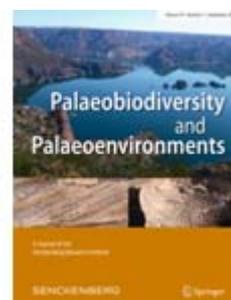
Palaeodiversity and Palaeoenvironments vol.93 no.2 describes the Turolian mammal fauna from the fossil lagerstaette Dorn-Dürkheim (Rheinhausen, Germany).

Dorn-Dürkheim 1 is the only Turolian locality of Germany and one of the northernmost European occurrences of late Miocene vertebrates. It displays an extraordinary biodiversity of mammal taxa, comprising macro- as well as micromammals from a wooded biotope.

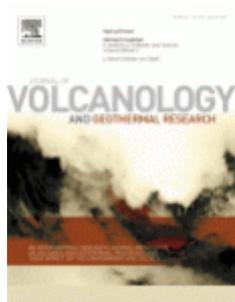
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Online Papers - The Volcano Merapi in Java



Journal of Volcanology and Geothermal Research vol.261 contains papers covering the pre-eruptive conditions, tectonic setting and structure of Merapi and a review of past eruptions.

Also included are papers on the interpretation of satellite remote sensing, seismology, geodesy, physical volcanology, petrology, observations and modeling and impacts and risks, as well as lessons learned from the massive evacuation of c.400,000 people in 2010.

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[Visit the website for more information](#)

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Online Papers - The Deep Earth and Continental Topography

The results of 'TOPO-EUROPE III: Understanding the Coupling between the Deep Earth and Continental Topography' presented in Tectonophysics vol.602 focus on four closely interrelated topics: crustal and upper mantle structures, lithosphere geodynamics, sedimentary basin dynamics and surface processes.

These results demonstrate opportunities for further understanding of topography through integrated studies of the full Earth system across space and timescales.

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Events

Open House 2013



Date: 21 September 2013
Venue: The Geological Society, London

The Society will be opening its doors this Saturday 21 September 2013 as part of Open House 2013. Open House 2013 celebrates London's architecture, people and places.

There will be guided and self-guided tours of Burlington House from 10am - 4pm.

[Visit the website for more information](#)

Email: [Georgina Worrall](#)

CL:AIRE Annual Conference: Sustainable Land Management

Date: 26 September 2013
Venue: The Geological Society, London

CL:AIRE's annual conference hosted by and in conjunction with the Society will focus on the Sustainable Remediation Forum and Definition of Waste: Development Industry Code of Practice.

The conference will be followed in the evening by a panel discussion on policy implications.

[Visit the website for more information](#)

Email: [Georgina Worrall](#)



Environmental Monitoring in the Energy Sector



Date: 26 September 2013

Venue: RSC Chemistry Centre, Burlington House, London

This half-day science and technology event will consider the current and future role of chemistry in environmental monitoring in the energy sector. The event will centre on a comparison between shale gas, an emerging technique in the UK and the established nuclear sector.

The free event is likely to be of interest to people working on environmental monitoring in the energy sector as well as individuals with wider interests in monitoring techniques including geoscientists, chemists and toxicologists.

[Visit the website for more information](#)

Email: [RSC Science](#)

CPD Course: Field Observation and Geomorphological Mapping

Date: 30 September - 4 October 2013

Venue: University of Sussex, Sussex House, Brighton

The University of Sussex is offering an endorsed CPD course from 30 September - 4 October 2013. This week-long field course provides professional training in field observation, geomorphological mapping and dGPS surveying skills. Participants will be challenged to conduct their own observations, mapping and surveying, as well as participate in group discussion.



The
Geological
Society

endorsed training course

The CPD course includes 5-days tuition, course booklet and learning resources, and assessment (optional) for 15 credits towards an MSc.

[Visit the website for more information](#)

Email: [Prof Roger Moore](#)

Geological Society Careers Day 2013



Date: 20 November 2013

Venue: British Geological Survey, Nottingham

The Geological Society will be hosting its annual Careers Day on Wednesday 20 November 2013 at the British Geological Survey in Keyworth, Nottingham.

Careers Day is the essential meeting place for geoscience students and the geoscience industry, where university undergraduates and postgraduates will have the chance to find out about the latest career options and talk to industry leaders about how they might gain entry into that sector.

[Visit the website for more information](#)

Email: [Naomi Newbold](#)

The Mars Science Laboratory Mission: Curiosity Rover's Exploration of

Gales Crater

Shell London Lectures 2013

Date: 9 October 2013

Venue: The Geological Society, London

The next Shell London lecture, 'The Mars Science Laboratory Mission: Curiosity Rover's Exploration of Gales Crater' will be delivered by Sanjeev Gupta (Imperial College) on 9 October.

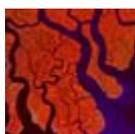


The lecture will be given twice on the same day, once at 3pm and then at 6pm. Entry to the lectures is free to all, but by ticket only, places are allocated on a ballot basis.

[Visit the website for more information](#)

Email: [Naomi Newbold](mailto:Naomi.Newbold@geological-society.org)

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Education & Careers

Earth Science Week 2013



Date: 7 - 13 October

Venue: Multiple venues

This year's Earth Science Week will take place on 7 - 13 October. With a theme of 'Geology Outside', we hope to encourage a greater appreciation of the geology that exists on our

doorsteps in the UK - whether you live in the city or the countryside.

Regional and national events will be running throughout the week, culminating in a great geology walk on Saturday 12th - we hope as many people as possible will join us! Walks can be self guided, using material which will be made available on our website, or you can participate in one of many walks which are being organised by our Regional Groups.

[Visit the website for more information](#)

Email: [Earth Science Week](mailto:Earth.Science.Week@geological-society.org)

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Policy & Media

Carbon Capture and Storage Inquiry



The House of Commons Energy and Climate Change Committee has launched an inquiry into Carbon Capture and Storage (CCS).

The International Energy Agency has suggested that CCS could deliver a fifth of the CO₂ emissions reductions needed by 2050 if implemented extensively and quickly. The inquiry aims to explore the potential benefits of CCS and the barriers to development.

The Society, together with the Petroleum Exploration Society of Great Britain, has put forward a written submission: full details on the terms of reference and the Society's submission can be viewed online.

[Visit the website for more information](#)

Email: [Policy](#)

Shale Gas Resources

In light of the high level of public interest and media coverage of shale gas over the summer, the Geological Society has gathered together public statements and resources it has issued on this topic over the last fifteen months. You can read them on our [Policy and Media Resources page](#).

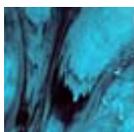
The President of the Geological Society, David Shilston, also responded to an editorial leader in the Guardian which put debates over shale gas in the broader context of the UK's energy policy. [Read the article](#). His letter, highlighting our continuing dependence on fossil fuels (whether or not we extract shale gas) and the urgency of implementing carbon capture and storage, can be read on the [Guardian website](#).



[Visit the website for more information](#)

Email: [Policy](#)

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Groups & Networks

North West Regional Group: A Journey to Burgess Shales



Date: 26 September 2013

Venue: Beswick Lecture Theatre, Chester University

The North West Regional Group is hosting a joint lecture with the North Wales Geology Association titled 'A Journey to Burgess Shales'.

The Burgess Shale was discovered as the result of two decisions. The first was Canadian Pacific Railway chose to run their line through the Rockies via Kicking Horse Pass; the second was that the Geological Survey of Canada sent their most experienced geologist, Richard McConnell, to map the geology on either side of the line.

This talk will illustrate some of the history of the site and an overview of the fossils and how they changed the way the evolution of animal life of the Cambrian Period is understood and interpreted.

[Visit the website for more information](#)

Email: [Nik Reynolds](mailto:Nik.Reynolds@chester.ac.uk)

West Midlands Regional Group: Dudley Rock and Fossil Festival 2013

Date 28-29 September 2013

Venue: Dudley Museum & Art Gallery, 3 Priory Street

The West Midlands Regional Group is taking part in the Dudley Rock and Fossil Festival 2013. The evening will include presentation of awards for the Photographic Competition 2013.



[Visit the website for more information](#)

Email: [Daniel Welch](mailto:Daniel.Welch@westmidlandsregionalgroup.org.uk)

South Wales Regional Group: Shake Rattle and Ground Role



Date: 1 October 2013

Venue: Main Building, Cardiff University, Cardiff

In 2010 and 2011 a sequence of earthquakes rattled the historic city of Christchurch in New Zealand. Though generally well prepared for earthquakes, this city's infrastructure was not designed to withstand such strong shaking, which resulted in the loss of 183 lives.

This talk will revisit the events to unravel how the geological foundations of the city contributed to such violent shaking and ask 'What is the future for Christchurch now?'

[Visit the website for more information](#)

Email: [South Wales Regional Group](mailto:SouthWalesRegionalGroup@cardiff.ac.uk)

South West Regional Group: ProGeo 2013 - Physical and Contaminant Hydrogeology

Date: 11 October 2013
Venue: Lakeside, Roadford Lake Country Park, Devon

ProGeo is the flagship event for the South West Regional Group. In 2011 we celebrated 10 years of providing an excellent CPD opportunity for colleagues in the region. This year the topic will be "Hydrogeology".



There is an early payment discount for delegates who are members of the Geological Society and who make their application and payment by 20 September 2013.

[Visit the website for more information](#)

Email: [Jonathan King](#)

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