



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

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Communicating Contested Geoscience: New Strategies for Public Engagement



Date: 20 June 2014

Venue: The Geological Society, Burlington House, London

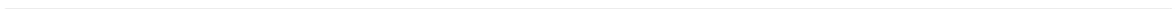
From shale gas exploration to the deep storage of radioactive waste, geological issues are increasingly relevant to the everyday lives of people and communities across the UK. Alongside the scientific and technical challenges, developing effective engagement strategies requires geoscientists to better appreciate the knowledge and concerns of the public, especially as the geological subsurface is an unknown realm to many people.

This one-day conference will bring together geoscientists from universities, industry and government alongside specialists in communication and public engagement, to explore the challenges of communicating contested geological issues to the wider public.

The meeting will focus principally on three current and pressing societal concerns in the UK:

1. Radioactive Waste Disposal
2. Shale Gas / Fracking
3. Carbon Capture and Storage

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Membership

Professional Stamp for Chartered Geologists

Following requests from a number of Chartered Geologists for a Professional Chartered Stamp, we are now pleased to offer a self-inking CGeol stamp, which can be used to indicate professional status on documents, drawings and letters.

The cost of the self-inking stamp will be £40 including postage. We hope it will be widely used by CGeols on all business correspondence to raise the profile of the qualification among clients and other geologists.



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Library and Information Services

Library Event: 'Geology at the Western Front' Restaging Lt Col Tannatt Edgeworth David's WW1 Lecture



Date: 10 July 2014

Venue: The Geological Society, Burlington House, London

The Library is delighted to invite you to a special event to mark the centenary of the start of the First World War.

In the Upper Library at Burlington House we will restage a lecture, 'Geology at the Western Front', given by Lt Col Tannatt Edgeworth David on 26 February 1919, before his return to Australia to be officially demobilised. Until recently the contents of the lecture were unknown and it was thought that the War Office had denied permission for it to be published. A few months ago, however, the handwritten notes to David's lecture were rediscovered tucked into a box in the Library.

The restaged lecture will be delivered by Colonel Edward P. F. Rose, this year's Sue Tyler Friedman Medallist, at 6.30pm. As was the custom for Ordinary Meetings during the First World War, tea will be served half an hour before.

Tickets for this special evening cost £5 and spaces are limited to 40 people. To register please email library@geolsoc.org.uk

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Our New Picture Library

The Library has launched its own Picture Library in order to showcase the Geological Society's rich collection of drawings, prints, maps and book illustrations.

Whether it is Mount Vesuvius erupting in 1794, the fossil discoveries of Mary Anning or even the world's largest pearl, the Library's unrivalled collections cover all aspects of Earth sciences. More images will be added on a regular basis, so keep checking back to see what's new.



[Visit the Picture Library](#)

Contact: library@geolsoc.org.uk

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Online Access to *Nature*



We are pleased to announce that we have arranged offsite access to *Nature* for Fellows of the Society. *Nature* is the leading weekly international journal of science and the world's most highly cited interdisciplinary science journal.

All papers from 2010 onwards are available to view, download and read using 'Athens authentication'. If you have not already signed up for an Athens log-in please download an Offsite Access Application form from our Virtual Library and we will send you details.

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

[Visit the Virtual Library for more information](#)
[Download an application form to access Nature](#)

Contact: library@geolsoc.org.uk

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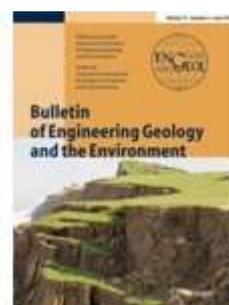
Online Papers - Quantitative Analysis of Landslide Risk

Bulletin of Engineering Geology and the Environment Vol.73 No.2 contains results from the EU FP7 project 'Living with landslide risk in Europe: assessment, effects of global change, and risk management strategies' (or [SafeLand](#)). It examines harmonisation and development of procedures for quantifying landslide risk at different scales, looks into uncertainties, landslide susceptibility and frequency, vulnerability of elements at risk, and identification of hotspots in Europe with higher levels of landslide hazard and risk.

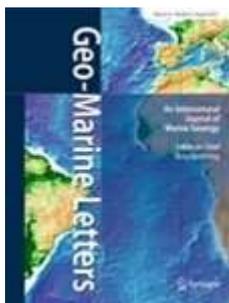
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Online Papers - Gas in Marine Sediments



Geo-Marine Letters Vol.34 No.2-3 contains selected contributions from the 11th Gas in Marine Sediments International Conference. These cover fluid seepage dynamics, mud volcanoes, and pockmarks. Geographic regions covered include the Caspian Sea, Lake Baikal, the French Atlantic, the Baltic Sea, the Norwegian margin, the Hikurangi margin of New Zealand, offshore southern California, and the Chile forearc.

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Online Papers - APEX II: Arctic Palaeoclimate and its Extremes

Quaternary Science Reviews Vol.92 contains a suite of articles marking the completion of the APEX program. Collectively they provide a state-of-the-art record of current knowledge regarding Arctic Quaternary environmental change.

The editors aim to review progress achieved under the PONAM-QUEEN-APEX programs and highlight the main scientific challenges that they have left us with.

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Events

President's Day and AGM 2014



Date: 4 June 2014

Venue: The Geological Society, Burlington House, London

Earlier in the year, the Society announced the winners of its medals and funds 2014. [View the full list of winners on our website.](#)

The Awards will be presented at President's Day, which will begin with the Annual General Meeting followed by a buffet lunch with the award winners. After the Awards ceremony, the four senior medallists will give a short talk on their subject.

All Fellows are welcome to attend the afternoon events of President's Day for which there is no charge. Lunch with the Award winners is by ticket only at £27.50 per head. If you are a Fellow and would like to bring a guest to the lunch, please mention when registering.

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Hydrogeology & WASH: What Can Hydrogeologists Contribute to Safe Water Supply and Poverty Reduction?

Date: 5 June 2014

Venue: The Geological Society, Burlington House, London

Groundwater plays a key role in the provision of reliable water supplies in many less-developed regions of the world. Due to its complexity, a detailed understanding of the groundwater environment is often required to ensure that resources are exploited in a safe, sustainable and cost-effective way.

This one day meeting aims to promote links and discussion between experts from the groundwater community and those actively involved in the delivery of Water, Sanitation and Health Engineering (WASH) projects. The conference is organised by Hydrogeologists Without Borders UK, the International Association of Hydrogeologists and the Hydrogeological Group.

[Visit the website for more information](#)

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The London Lectures: Geology in Space: Meteorites and Cosmic Dust



Date: 18 June 2014

Venue: The Geological Society, Burlington House, London

The next London Lecture will be by Dr Matthew Genge of Imperial College London. The Lecture will be repeated at 3 and 6pm.

The ballot for entry is now closed, but you can watch the lecture online as a webcast.

[Visit the website for more information](#)

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Sustainable Resource Development in the Himalaya

Date: 24-26 June 2014

Venue: The Grand Dragon Hotel, Leh, Ladakh, India

The rich and varied resources of the Himalaya hold the promise of enormous opportunities for local communities and the nations to which they belong. Yet unless these resources are developed sustainably, they also have the potential to do great damage to people and environments. Geoscience holds the key to understanding these resources, and their effective and responsible development.



To explore relevant geoscience research and identify lessons for sustainable resource development, the Geological Society and the Institute of Energy Research & Training, University of Jammu are holding a three-day conference in collaboration with local partner organisations.

[Visit the website for more information](#)

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Call for Abstracts: IMCET2015: The 24th International Mining Congress and Exhibition of Turkey



Date: 14-17 April 2015

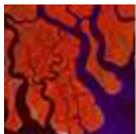
Venue: Antalya, Turkey: Venue to be confirmed

Deadline for Abstracts: 8 September 2014

The International Mining Congress and Exhibition of Turkey, which has been organized biannually since 1969, is the most important mining event of Turkey, reaching over 1000 participants and bringing together academics, engineers, managers, consultants, decision makers, policy makers, investors, industry specialists, buyers and suppliers from all over the World.

Scientific, technical and social issues will be dealt with during the sessions over four days, and the latest technological products and developments in the mining industry will be on view in the exhibition area. Delegates are invited to submit abstracts through the conference website.

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Education & Careers

The Glossop Award: A Call to All Young Engineering Geologists & Geo-Environmentalists

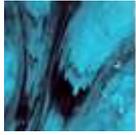
The Glossop Award is a prestigious award made annually to an outstanding young engineering geologist or geo-environmentalist.

The winner will receive up to £150 for a Geological Society Special Publication of their choice, or attendance at a training course or field meeting supported or run by the Engineering Group. The successful candidate will present their work at the Glossop Meeting in November.

Detailed guidance for Candidates is available on the Website.

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Groups & Networks

Hong Kong Regional Group: Structural Controls & Contributions to Orogenic Lode-Gold Deposits



Date: 4 June 2014

Venue: The Mariners Club, Middle Road, Tsim Sha Tsui, Hong Kong

Structural thinking is always the first priority in studying the mineral deposits of a deformed region. As one of the 'richest' areas of the world, the Neoproterozoic southern Abitibi greenstone belt is well known for its lithological complexity, polyphase deformation, extensive hydrothermal alteration, and spatial association with world-class orogenic gold deposits.

This talk by Dr. Jason J. Zhang will include a Case Study of the Young-Davidson Mine, Southern Abitibi Subprovince of Canada.

[Visit the website for more information](#)
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Yorkshire Regional Group: Ogden Reservoir Field Trip

Date: 07 June 2014

Venue: Ogden Reservoir, Halifax

This trip is for all those interested in the oldest known clay core dam, with a talk from Andrew Hobson of Yorkshire Water on the great restoration works undertaken.

We will visit the site and surrounding geological features over a 3 mile walk. To participate please contact Chris Evans.

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South West Regional Group: In-Situ Remediation of PCE Contamination on a Site at Little Hulton, Manchester



Date: 10 June 2014

Venue: The Cowick Barton, Exeter EX2 9HF

In the early 1980s a delivery spill of Tetrachloroethene (PCE) occurred at an industrial dry cleaning facility near Manchester. Most of the spill was captured by hardcover and within surface drainage but up to 2 tonnes was estimated to have entered the made ground and clay soils beneath the yard and factory, to depths of 10 m BGL.

The lecture will discuss the remediation work carried out by Hyder Consulting and Regenesis, who won a [Brownfield Briefing Award](#) for 'Best In-Situ Remedial Treatment'.

[Visit the website for more information](#)
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Engineering & Hydrogeology Groups: Groundwater Management in Construction

Date: 11 June 2014

Venue: The Geological Society, Burlington House, London

This one day meeting aims to promote links and discussion between experts from the groundwater and engineering communities. Effective groundwater management is increasingly recognised as an essential part of construction.



The key objectives of the meeting are to:

1. highlight some specific challenges associated with groundwater in construction
2. bring hydrogeologists and geotechnical, civil and construction engineers together to share and discuss experiences and challenges and how these have been overcome
3. highlight recent experience from practitioners within the construction, engineering and groundwater communities and facilitate discussion on how best to bring specialists and experts together.

[Visit the website for more information](#)

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Other News:

New Publications Distributed by the Publishing House

Rite in the Rain Geological Field Book with GSL Logo



Published by Rite in the Rain
£22.99

This All-Weather Bound Book comes equipped with 20 helpful geological reference pages, standard and metric rulers and numbered pages. It has 160 pages (80 sheets) 4 3/4" x 7 1/2" sewn in pages. A photo scale and ruler are included. This is a Fabrikoid Cover book. Classic Case Bound yet very durable. Now available with printed GSL logo.

[Visit the website for more information](#)

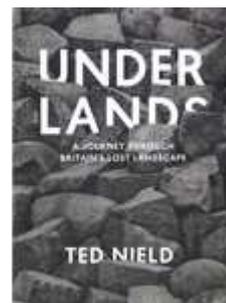
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Underlands: A Journey Through Britain's Lost Landscape

By Ted Nield

Published by Granta, distributed by GSL

List price £20



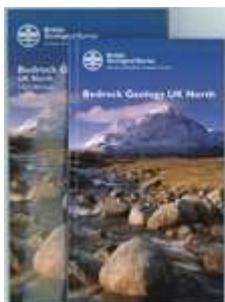
Not so long ago, our roads, buildings, gravestones and monuments were built from local rock, our cities were powered by coal from Welsh mines, and our lamps were lit with paraffin from Scottish shale. At the height of the empire, British stone travelled across the world to India and China, Sri Lanka and Argentina, Singapore and South Africa. There were thousands of mines, quarries, slag heaps and brick pits across the British Isles. We live among the remnants of those times - our older cities are built from Bath limestone, or Aberdeen granite - but for the most part our mines are gone, our buildings are no longer local, and the flow of stone travels east to west.

Spurred on by the erasure of history and industry, Ted Nield journeyed across this buried landscape: from the small Welsh village where his mining ancestors were born and died, to Swansea, Aberdeen, East Lothian, Surrey and Dorset. Delving into the history and geology of this forgotten Britain, and into his ancestors' connection with its rocks, Nield unearths the veins of coal, stone, oil, rock and clay that make up the country beneath our feet, exploring what the loss of kinship between past and present means for Britain and the rest of the world today.

[Visit the website for more information](#)

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Bedrock Geology UK North - Booklet and Map



By P. Stone

Published by the British Geological Survey, distributed by GSL

List price £15

This book and map pack contains the Bedrock Geology UK North book and a copy of the folded North map in a clear wallet.

The book guides the interpretation of the 1:625 000 scale Bedrock Geology UK North map, covering Scotland, Northern Ireland, the Isle of Man and part of northern England. The book describes the rocks and

their origin, from the ancient Lewisian gneisses of north-west Scotland to the distinctive landforms left by the last glaciation.

[Visit the website for more information](#)

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Bedrock Geology UK South - Booklet and Map

By A. A. Jackson

Published by the British Geological Survey, distributed by GSL

List price £15

This book and map pack contains the Bedrock Geology UK South book and a copy of the folded South map in a clear wallet.

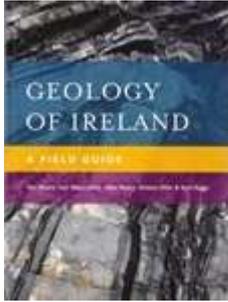
The book guides the interpretation of the 1:625 000 scale Bedrock Geology UK South map, covering England and Wales. This book accompanies the map, and describes the rocks and their origin, from the scattered remnants of ancient volcanoes to Cenozoic clays and gravels.



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Geology of Ireland: A Field Guide



By Pat Meere, Ivor MacCarthy, John Reavy, Alistair Allen & Ken Higgs
Published by The Collins Press, distributed by GSL
List price £17.99

active volcanoes.

Studying geology in the field will draw anyone curious about how our planet works into the field time and time again. Ireland is endowed with a spectacular variety of geology. The rocks that make up the island of Ireland offer a unique window into a 2-billion-year history, a history which includes almost all types of geological settings, including sedimentary basins, shallow tropical seas, high mountain ranges and

Seventeen field areas are described, showing how to venture into the field to explore the classic sites of Irish geology. Most excursions are on or near the coast and the variety of landscapes reflects the diversity of geology. Emphasis is placed on understanding processes that operated in the geological past to produce today's rocks. Detailed 'step-by-step' itineraries are provided and the material is presented in a manner accessible to the non-specialist.

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