A selection of publications recently added to the Library. The majority of these publications may be borrowed by Fellows or employees of Corporate Affiliates of the Geological Society who are resident in the U.K. and Ireland. For details of availability of any item please apply to the Library.

**Library News**

The Society appointed Fabienne Michaud as Library and Information Services Manager in October 2012. See *Geoscientist*; 22(11), December 2012

**Books and Journal Special issues**

**The 7th European Conference on Mineralogy and Spectroscopy, [Potsdam, 2011].**
Koch-Müller, M. (ed.)
(European journal of mineralogy; 24 (5))
A selection of papers presented at "ECMS 2011 ... September 4-7th, 2011 at the German Research Centre for Geosciences (GFZ) ... [Potsdam, Germany." - Preface.
*Location: [Serial]*

**12th International Symposium on Water-Rock Interaction (WRI-13): [selected papers].**
Torres-Alvarado, Ignacio S. (ed.) ; Birkle, Peter (ed.) ; Harmon, Russell S. (ed.)
(Applied geochemistry; 27 (9))
Selected papers from "The 13th Water-Rock Interaction meeting (WRI-13) ... held from August 16 to 20, 2010, in Guanajuato, Mexico." - Preface.
*Location: [Serial]*

**Application of seismic geomorphology to continental-slope and base-of-slope systems: case studies from seafloor and near-seafloor analogues [CD-ROM].**
Prather, Bradford E. [et al.] (eds.)
[Tulsa, Okla.]: SEPM (Society for Sedimentary Geology), 2012.
(SEPM special publication; 99)
"This book is available online at [www.sepmonline.org](http://www.sepmonline.org) as an open access publication sponsored by Shell." - Container.
*Location: [Serial]*

**Applied hydrogeology of fractured rocks. - 2nd ed.**
Singhal, B. B. S. ; Gupta, Ravi P.
*Location: 556.3 SIN*

**Atlas of Australian and New Zealand hydrocarbon seals: worldwide analogs for cap rocks and intraformational barriers in clastic depositional settings.**
Daniel, Richard (Ric) (ed.) ; Kaldi, John (ed.)
(AAPG studies in geology; 60)
*Location: [Serial]*
The continental drift controversy. Vol. 1: Wegener and the early debate.
Frankel, Henry R.
Location: 551.242.11(091) FRA

The continental drift controversy. Vol. 2: Paleomagnetism and confirmation of drift.
Frankel, Henry R.
Location: 551.242.11(091) FRA

Frankel, Henry R.
Location: 551.242.11(091) FRA

The continental drift controversy. Vol. 4: Evolution into plate tectonics.
Frankel, Henry R.
Location: 551.242.11(091) FRA

Contributions from the 10th International Conference on Gas in Marine Sediments, Listvyanka (Russia), 6-11 September 2010.
De Batist, Marc (ed.) ; Khlystov, Oleg (ed.)
(Geo-marine letters; 32 (5/6))
Location: [Serial]

Alves, Tiago M. [et al.] (convenors)
([Abstracts of papers from meetings held in/sponsored by the Geological Society (London) [Unpublished]])
Location: [Serial]

Belopolsky, Andréi V. [et al.] (convenors)
([Abstracts of papers from meetings held in/sponsored by the Geological Society (London) [Unpublished]])
Meeting organised by the Petroleum Group.; Two additional abstracts inserted at end. Available online at http://www.geolsoc.org.uk/gsl/groups/specialist/petroleum/pgresources
Location: [Serial]

Engineering and environmental geology of Granada and its metropolitan area (Spain)
Chacon, José [et al.]
(Environmental & engineering geoscience; 18 (3))
Location: [Serial]

The environment and chronology of the earliest occupation of north-west Europe: current knowledge, problems and new research directions.
MacDonald, Katherine (ed.) ; Roebroeks, Wil (ed.)
(Quaternary international; 271)
Papers arising from "... an international conference held in the University of Leiden in 2009 ... ." - Editorial.
Location: [Serial]

Evolution of fossil ecosystems. - 2nd ed.
Selden, Paul A. ; Nudds, John R.
Location: 56 SEL

The fallen sky : an intimate history of shooting stars.
Cokinos, Christopher
Donated by Dr. Ted Nield.
Location: 552.6(091) COK

Geochemical atlas of Cyprus.
Cohen, David [et al.] (eds.)
Published for the "Geological Survey Department ... Cyprus." - Verso t.p. : Geological map, periodic table & lithologic groups chart on endpapers. ; Donated by Prof. A. Lord.
Location: 550.84(564.3) COH [Oversized Books]

Sheppard, S. ; Cranfield, L.
Location: 55(954/955) SHE

The geological setting of the lead mines of the Hucklow, Eyam, Stoney Middleton and Longstone Edge area, Derbyshire.
Ford, Trevor D.
(Mining history: bulletin of the Peak District Mines Historical Society; 18 (1))
" ... Supplement to Mercian Geologist Voume 18, part 1, 2012." - Cover & caption title.
Location: 622.344(425.1) FOR
Geology in the Oceania region: special issue for the 34 IGC [International Geological Congress], Brisbane, Australia, 5-10 August 2012.
Scott, Keith M. (ed.) ; Jell, Peter A. (ed.)
(Episodes; 35 (1))
Available online at http://www.episodes.co.in/contents/2012/march/v35n1.pdf (Sept 2012)
Location: [Serial]

Geology of the Dinantian outlier near Corwen, North Wales.
Davies, J. R. (Jeremy R.) ; Riley, N. J. (Nicholas J.)
(Commissioned report. British Geological Survey; CR/03/125N)
Location: 55(429.32) DAV

Google Earth and virtual visualizations in geoscience education and research.
Whitmeyer, Steven J. [et al.] (eds.)
(Special paper. Geological Society of America; 492)
Papers arising from a Penrose Conference "... held onsite at the Google Inc. headquarters in Mountain View, California (https://sites.google.com/site/gepenrose/) in January 2011." - Intro.
Location: [Serial]

The great fossil enigma: the search for the conodont animal.
Knell, Simon J.
Donated by the publisher.
Location: 56.016.3 KNE

Health & hydrogeology: understanding the impacts of groundwater on people, Wednesday 7 November 2012, Burlington House, London: [programme and abstracts].
Dow. Louise (convenor) ; Jones, David A. (convenor) ; Neale, Simon (convenor)
([Abstracts of papers from meetings held in/sponsored by the Geological Society (London) [Unpublished]])
Includes the "... 2012 National Groundwater Association (USA) Darcy Lecture given by Professor S. Majid Hassanizadeh ... ." - Foreword.
Location: [Serial]

The hydrology and geochemistry of Yucca Mountain and vicinity, southern Nevada and California.
Stuckless, John S. (ed.)
(Memoir. Geological Society of America; 209)
Location: [Serial]

International Conference on the Cambrian Explosion: proceedings.
Johnston, Paul A. (ed.) ; Johnston, Kimberley J. (ed.)
(Palaeontographica Canadiana; 31)
"... [twelve] contributions arising from the International Conference on the Cambrian Explosion: Charles Walcott and the Discovery of the Burgess Shale held in Banff, Alberta, August 3-8, 2009 ... [being] the centennial of Walcott's discovery of the Burgess Shale in 1909 ... ." - Preface.
Location: [Serial]

An introduction to applied and environmental geophysics. - 2nd ed.
Reynolds, John M.
Previous ed. 1997.
Location: 550.83 REY

Iridium & the K/T boundary.
McCall, G. J. H.
[South Cerney, Cirencester]: [The author], 2012.
"Unpublished monograph, objective literature search." - T.p. ; Donated by the author.
Location: Available on request

Landslides: types, mechanisms and modeling.
Clague, John J. (ed.) ; Stead, Douglas (ed.)
Location: 624.131.543 CLA

Lacombat, Frédéric (ed.) ; Mol, Dick (ed.)
(Quaternary international; 276/277)
"... the second set of articles arising from the proceedings of the Vth International Conference on Mammoths and their Relatives ... [held 30 August to 4 September 2010]." - Editorial.
Location: [Serial]

Meteorite movement in Antarctica and climate change.
McCall, G. J. H.
[South Cerney, Cirencester]: [The author], 2011.
Originally "... submitted as a poster to the 74th Meteoritical Society Meeting at Greenwich in August 2011." - [Intro.]
Location: Available on request

Microbial mats in siliciclastic depositional systems through time.
Noffke, Nora (ed.) ; Chafetz, Henry (ed.)
Tulsa, Okla.: SEPM (Society for Sedimentary Geology), 2012.
(SEPM special publication; 101)
"This volume is based on presentations made at the 'Microbial Mats in Sandy Deposits (Archean to Today)'

- 3-
Location: [Serial]

The million death quake: the science of predicting Earth's deadliest natural disaster.
Musson, Roger M. W.
Location: 550.34 MUS

Mima mounds: the case for polygenesis and bioturbation.
Horwath Burnham, Jennifer L., 1975- (ed.) ; Johnson, Donald L. (Donald Lee) (ed.)
(Special paper. Geological Society of America; 490)
Papers arising from "... a symposium titled: "The origin of Mima mounds and similar micro-relief features: multidisciplinary perspectives," and an associated ... field trip, both held at the Geological Society of America Annual Meetings [sic], Houston, Texas, 4-9 October 2008." - Intro.
Location: [Serial]

Mineral exploration and mining essentials.
Stevens, Robert
Port Coquitlam, B.C.: Pakawau Geomanagement Inc., 2010.
Location: 553 STE

Fairchild, Ian [et al.] (convenors)
([Abstracts of papers from meetings held in/sponsored by the Geological Society (London) [Unpublished]])
Meeting convened by the Mineral Deposits Studies Group.
Location: [Serial]

Operations Geology Workshop, Friday 5 October 2012, Kings College Conference Centre, University of Aberdeen: programme and abstract volume.
Archer, Stuart [et al.] (convenors)
([Abstracts of papers from meetings held in/sponsored by the Geological Society (London) [Unpublished]])
Location: [Serial]

Pages of stone: Grand Canyon and the plateau country.
Chronic, Halka
"Published simultaneously in [Leicester] Great Britain by Cordee ... " - Verso t.p. ; Second ed. published 2004. ; Donated by Ted Nield.
Location: 55(788/793) CHR

Huuse, Mads [et al.] (convenors)
([Abstracts of papers from meetings held in/sponsored by the Geological Society (London) [Unpublished]])
At head of title: PETEX 2012.
Location: [Serial]

PGCE 2012: Petroleum Geology Conference & Exhibition, 23-24 April 2012, Kuala Lumpur [Convention Centre], Malaysia: [programme and extended abstracts].
(Warta geologi: newsletter of the Geological Society of Malaysia; 38 (2))
"... co-organised by the Geological Society of Malaysia [Persatuan Geologi Malaysia] and PETRONAS." - [Intro.]
Location: [Serial]

The Phanerozoic of Egypt: a geodynamic approach. - 2nd ed.
Issawi, Bahay [et al.]
(Special publication. Egyptian Mineral Resources Authority; 81)
Location: [Serial]

Iliopoulos, George [et al.] (eds.)
(Palaeobiodiversity and palaeoenvironments; 92 (2))
"... eight papers that were presented ... during the 9th Annual Meeting of the EAVP held at the Natural History Museum of Crete ... in Heraklion, Crete Island from 14th to 19th June 2012 [sic, i.e. 2011]." - Editorial.
Location: [Serial]

Proceedings of the 16th Extractive Industry Geology Conference, held at the University of Portsmouth, 8th - 11th September 2010.
Hunger, Emily (ed.) ; Walton, Geoffrey (ed.)
Donated by the publisher.
Location: 553.5/.9 EXT

Container title. ; Donated by Michael Welland.
Location: CD 174


Donated by Michael Welland.

Location: CD 175


Fiedler, Bärbel (comp.)


Location: Available on request

Seismic imaging of continents and their margins: new research at the confluence of active and passive seismology.

Rawlinson, Nicholas (ed.) ; Goleby, Bruce (ed.)


(Tectonophysics; 572/573)

Papers arising from "The 14th international symposium on "Deep seismic profiling of the continents and their margins" (aka. Seismix 2010) [which] was held between August 29 and September 3 ... in Cairns, northeast Australia." - Editorial.

Location: [Serial]

Shale reservoirs: giant resources for the 21st century.

Breyer, J. A. (ed.)


(AAPG memoir; 97)

Volume contains extended abstracts. Full papers are contained on the CD-ROM.

Location: [Serial]

Snowball Earth: the story of the great global catastrophe that spawned life as we know it.

Walker, Gabrielle


Donated by Dr. A. Grindrod

Location: 551.583 WAL

Special issue : Chaos and geodynamics: mélanges,melange forming processes and their significance in the geological record.

Dilek, Yildirim [et al.] (eds.)


(Tectonophysics; 568/569)

Papers arising from "... a series of scientific sessions ... convened at the GSA Global Meeting, 'Tectonic Crossroads'. held in Ankara , Turkey in October 2010, the European Geosciences Union General Assembly in Vienna, Austria in May 2010 and the American Geophysical Union Fall Meeting in San Francisco, California, in December 2011." - Preface.

Location: [Serial]

Special issue on marine rapid environmental/climatic change in the Cretaceous greenhouse world.

Hu, Xiumian (ed.) ; Wargreich, Michael (ed.) ; Yilmaz, Ismail Omer (ed.)


(Cretaceous research; 38)

Papers arising from "The final workshop of IGCP 555 [which] was held during the Geological Society of America annual meeting in Denver, Colorado, U.S.A. ... [and the] GSA Pardee session ... "Rapid Environmental/Climate Change in the Cretaceous Greenhouse World". - p.1.

Location: [Serial]

Special issue: A-type granites and related rocks through time: [papers presented at the] "International Conference on A-type Granites and Related Rocks through Time", August 2010, Helsinki, Finland.

Dall'Agnol, Roberto (ed.) ; Frost, Carol D. (ed.) ; Rämö, O. Tapani (ed.)


(Lithos; 151)

"[This issue] represents the final scientific contribution of the collaborative project [IGCP 510]" - Editorial.

Location: [Serial]

Special issue: Coastal change during the Late Quaternary.

Sloss, Craig R. [et al.] (eds.)


(Quaternary science reviews; 54)

Papers arising from "The inaugural meeting of IGCP588 - Preparing for Coastal change, [which] was held at the University of Hong Kong from November 30 - December 4, 2010 in conjunction with INQUA Project 1001 - Quaternary Coastal Change and Records of Extreme Marine Inundation on Coastal Environments." - Intro.

Location: [Serial]

Special issue: Earth rotation.

Gross, Richard. (ed.) ; Schuh, Harald (ed.) ; Huang, Cheng-Li (ed.)


(Journal of geodynamics; 62)

Selected papers from " ... a workshop on "Observing and Understanding Earth Rotation" that was held at the Shanghai Astronomical Observatory ... during October 25-28, 2010. ... and other [invited] contributions." - Preface. ; Workshop jointly organized by "The Global Geodetic Observing System (GGOS) of the International Association of Geodesy (IAG) and Commission 19 (Rotation of the Earth) of the International Astronomical Union (IAU) ... " - Preface.

Location: [Serial]

Special issue: Peralkaline rocks and carbonatites with special reference to the East African Rift.

Markl, Gregor (ed.) ; Marks, Michael A. W. (ed.) ; Zaitsev, Anatoly N. (ed.)


(Lithos; 152)
"Outcome of the PERALK-CARB2011 Workshop at Tübingen University, Germany (16-18 June 2011)" - T.p. Location: [Serial]

Molina, José F. [et al.] (eds.) Amsterdam; London: Elsevier, 2012. (Lithos; 153) Location: [Serial]

Special issue: Taphonomic processes in terrestrial and marine environments.
Wuttke, Michael (ed.) ; Reisdorf, Achim G. (ed.) Heidelberg: Springer, 2012. (Palaeobiodiversity and palaeoenvironments; 92 (1)) Location: [Serial]

Special issue: The 2010-2011 Canterbury earthquake sequence.

Special issue: Upper Palaeozoic reef complexes and carbonate platforms.

Special section on borehole geophysics.
Alfaraj, Mohammed N. (ed.) Oxford: Wiley-Blackwell, 2012. (Geophysical prospecting; 60 (6)) "Papers "... selected from the first-ever international workshop on borehole geophysics, that was organized by the EAGE in January 2011 in Istanbul, Turkey." - Intro. Location: [Serial]

Supplement: Near-surface electromagnetic induction.

Sustainable development and management of the shallow subsurface.

Taphonomic approaches in archaeology: current topics and methods from southern South America.
Massigoge, Agustina (ed.) ; González, Mariela E. (ed.) Amsterdam; London: Elsevier, 2012. (Quaternary international; 278) "This volume ... contains a selection of papers presented at the symposium "Taphonomic approaches in zooarchaeology and bioarchaeology: current problems and methods", organized during the II Congreso Nacional de Zooarqueología Argentina, held by the Facultad de Ciencias Sociales de la Universidad Nacional del Centro de la Provincia de Buenos Aires (May 2011, Olavarría, Argentina)." - Editorial. Location: [Serial]

Thematic issue: Radiolarian biochronology as a key to tectono-stratigraphic reconstructions.


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Author: Topley, William, 1841-1894
Title: The geology of the Weald: (parts of the counties of Kent, Surrey, Sussex and Hants.)
Publ. Details: London: H.M.S.O., 1875
Note: Topley's own copy, donated by Topley's great-grandson Keith Topley
Restoration Price: £240.00

Transactions of the Malvern Naturalists' Field Club 1853-70
Publ. Details: Worcester: Holl & Darke, 1870
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