

EVALUATION OF NERC CENTRES 2013

RESEARCH EXCELLENCE SUBMISSION: BRITISH GEOLOGICAL SURVEY

Research outputs submitted by eligible staff. Some staff submitted less than 4 as they were eligible for a reduction (e.g. part-time, long periods of leave)

23 outputs are not listed as they are confidential documents

Surname	First name	Output type	Title	Volume title	Article number	Volume number	Issue number	Year	Publisher/other relevant info	End
Akhurst	Maxine C	Research report for external body	Opportunities for CO2 storage around Scotland – an integrated strategic research study					2009	Scottish Centre for Carbon Storage	
Akhurst	Maxine C	Research report for external body	Progressing Scotland's CO2 storage opportunities – March 2011.					2011	Scottish Carbon Capture & Storage	
Akhurst	Maxine C	Journal article	Trophic structure and spatial distribution of macrofaunas in the Hurlet and Index limestones (Carboniferous: upper Viséan and lower Serpukhovian) of Ayrshire, Scotland.	Scottish Journal of Geology		46	2	2010		
Akhurst	Maxine C	Journal article	A high-resolution aeromagnetic dataset over central Ayrshire: insights into the concealed geology.	Scottish Journal of Geology		45	1	2009		
Aldiss	Donald T	Journal article	Benefits of a 3D geological model for major tunnelling works: an example from Farringdon, east-central London, UK.	Quarterly Journal of Engineering Geology and Hydrogeology		45	4	2012		
Aldiss	Donald T	Journal article	Geological mapping of the Late Cretaceous Chalk Group of southern England: a specialised application of landform interpretation.	Proceedings of the Geologists' Association		123	5	2012		
Aldiss	Donald T	Research report for external body	Absolute Fixing of Tide Gauge Benchmarks and Land Levels: the BGS contribution to a report on a study of the London and Thames estuary region.			CR/07/043 N		2007	BGS Commissioned Report	
Aldiss	Donald T	Research report for external body	The stratigraphical framework for the Palaeogene successions of the London Basin, UK.			OR/12/004		2012	BGS Open File Report	
Allen	David J	Journal article	Interaction between groundwater, the hyporheic zone and a Chalk stream: a case study from the River Lambourn, UK	Hydrogeology Journal		18	5	2010		
Allen	David J	Chapter in book	The vulnerability paradox for hard fractured Lower Palaeozoic and Precambrian rocks.	Groundwater vulnerability assessment and mapping				2007	Taylor & Francis	
Allen	David J	Journal article	Examining geological controls on baseflow index (BFI) using regression analysis: an illustration from the Thames Basin, UK.	Journal of Hydrology		373	1 & 2	2009		
Allen	David J								CONFIDENTIAL OUTPUT	
Ambrose	Keith	Digital or visual media	1:50 000 Leicester. England and Wales Sheet 156. Bedrock and Superficial Deposits					2007	ISBN: 978-075183473-4	
Ambrose	Keith	Authored book	Exploring the Landscape of the National Forest. A walkers' map and guide to the landscape and natural environment of the National Forest.					2012	BGS	
Ambrose	Keith	Journal article	Using integrated near-surface geophysical surveys to aid mapping and interpretation of geology in an alluvial landscape within a 3D soil-geology framework	Near Surface Geophysics		9		2011		
Ambrose	Keith	Authored book	Geology of the Nottingham district : memoir for 1:50 000 geological sheet 126 (England and Wales).					2009	BGS memoir	
Auton	Clive A	Journal article	Microstructures in subglacial and proglacial sediments: understanding faults, folds and fabrics, and the influence of water on the style of deformation.	Quaternary Science Reviews		26	11-12	2007		

Auton	Clive A	Journal article	Microtextural analysis of glacially deformed bedrock: Implications for inheritance of preferred clast orientations within diamictites.	Journal of Quaternary Science		23	3	2008	
Auton	Clive A	Journal article	Switching flow patterns within the last ice sheet in northern Scotland.	Scottish Journal of Geology		47	2	2011	
Auton	Clive A	Journal article	Multidisciplinary characterisation and modelling of a small upland catchment in Scotland.	Quaestiones Geographicae		27	A/2	2010	
Baker	Garry R	Research data sets and databases	Corporate Spatial Data Infrastructure / Geological Object Store					2008-2012	http://www.bgs.ac.uk/data/home.html
Baker	Garry R	Website content	OneGeology-Europe - EU project					2010/11	http://onegeology-europe.brgm.fr/geoportal/viewer.jsp
Baker	Garry R	Website content	VOGRIPA web site and database systems					2011/12	http://www.bgs.ac.uk/vogripa/index.cfm
Baker	Garry R	Software	iGeology3D - augmented reality app					2012	http://www.bgs.ac.uk/igeology/3D.html
Balson	Peter S	Journal article	Isotopic evidence of cool winter conditions in the mid-Piacenzian (Pliocene) of the southern North Sea Basin	Palaeogeography, Palaeoclimatology, Palaeoecology		309	1-2	2011	
Balson	Peter S	Journal article	Capturing coastal geomorphological change within regional integrated assessment : an outcome-driven fuzzy logic approach	Journal of Coastal Research		26	5	2010	
Banks	Vanessa Jane	Chapter in book	Hydrogeological significance of secondary terrestrial carbonate deposits.	Hydrogeology – A Global Perspective				2012	Intech Publishing
Banks	Vanessa Jane	Journal article	Review of tufa deposition and palaeohydrological conditions in the White Peak, Derbyshire, UK: Implications for Quaternary landscape evolution	Proceedings of the Geologists' Association		123	1	2012	
Banks	Vanessa Jane	Journal article	Synoptic monitoring as an approach to discriminating between point and diffuse source contributions to zinc loads in mining impacted catchments.	Journal of Environmental Monitoring		12	9	2010	
Banks	Vanessa Jane	Journal article	Investigation of stratigraphical influences on the limestone hydrogeology of the Wye catchment, Derbyshire.	Quarterly Journal of Engineering Geology and Hydrogeology		42	2	2009	
Baptie	Brian J	Journal article	Seismogenesis and state of stress in the UK.	Tectonophysics		482	1-4	2010	
Baptie	Brian J	Journal article	Lava dome collapse detected using passive seismic interferometry.	Geophysical Research Letters		37	19	2010	
Baptie	Brian J	Journal article	Source parameters for the 28 April 2007 Mw 4.0 earthquake in Folkestone, United Kingdom.	Bulletin of the Seismological Society of America		99	3	2008	
Baptie	Brian J	Journal article	Seismic interferometry and ambient noise tomography in the British Isles.	Proceedings of the Geologists' Association		123	1	2012	
Barron	Arthur J M	Research report for external body	Stratigraphical framework for the Middle Jurassic strata of Great Britain and the adjoining continental shelf.			RR/11/06		2012	British Geological Survey Research Report
Barron	Arthur J M	Authored book	Geology of the Bath district.					2011	British Geological Survey
Barron	Arthur J M	Authored book	Geology of the Bedford district.					2010	British Geological Survey
Barron	Arthur J M	Digital or visual media	Wellingborough. England and Wales Geological Sheet 186. Bedrock and Superficial Deposits. 1:50 000.					2007	ISBN: 978-0751834468
Barron	Hugh F	Journal article	Upper Llandover–Wenlock (Silurian) palynology of the Pentland Hills inliers, Midland Valley of Scotland.	Scottish Journal of Geology		44	2	2008	

Barron	Hugh F	Journal article	Valuing Geodiversity and Geoconservation: Developing a More Strategic Ecosystem Approach	Scottish Geographical Journal		128		2012	
Barron	Hugh F	Journal article	Engaging with geodiversity – why it matters.	Proceedings of the Geologists' Association		123	1	2012	
Barron	Hugh F	Research report for external body	London's Foundations: protecting the geodiversity of the capital.	The London Plan (Spatial Development Strategy for Greater London) London Plan Implementation Report				2009	Mayor of London
Bateman	Keith	Journal article	CO2-porewater-rock reactions - Large-scale column experiment (Big RIG II).	Energy Procedia		4		2011	
Bateman	Keith	Research report for external body	Microbial effects on transport processes (BioTran) : experimental methodologies and results (April 2007 - March 2008)	British Geological Survey Open File Report No. OR/08/057				2008	http://nora.nerc.ac.uk/4518/
Bateman	Keith								CONFIDENTIAL OUTPUT
Bateman	Keith								CONFIDENTIAL OUTPUT
Bateson	Luke	Journal article	The application of remote-sensing techniques to monitor CO2-storage sites for surface leakage: Method development and testing at Latera (Italy) where naturally produced CO2 is leaking to the atmosphere	International Journal of Greenhouse Gas Control		2	3	2008	
Bateson	Luke	Journal article	Reservoir-scale CO2-fluid rock interactions: Preliminary results from field investigations in the Paradox Basin, Southeast Utah.	Energy Procedia		4	n/a	2011	
Bateson	Luke	Research report for external body	PANGEO: Deliverable 3.5: Production Manual; Version 1. Bateson, L, Cuevas, M., Crosetto, M., Cigna, F., Schijf, M., Evans, H, British Geological Survey Open Report OR/12/053.					2012	European Commission, Research Executive Agency
Bateson	Luke	Research report for external body	TERRAFIRMA USER GUIDE. A guide to the use and understanding of Persistent Scatterer Interferometry in the detection and monitoring of terrain-motion					2010	European Space Agency
Beamish	David	Journal article	The application of spatial derivatives to non-potential field data.	Geophysical Prospecting		60	2	2012	
Beamish	David	Journal article	Aeromagnetic data in the UK: a study of the information content of baseline and modern surveys across Anglesey, North Wales	Geophysical Journal International		184	1	2011	
Beamish	David	Journal article	High spatial resolution observations of 137Cs in northern Britain and Ireland from airborne geophysical data	Journal of Environmental Radioactivity		101	9	2010	
Beamish	David	Journal article	Regional conductivity data used to reassess Lower Palaeozoic structure in the Northern Ireland sector of the Southern Uplands–Down-Longford terrane	Journal of the Geological Society of London		167	4	2010	
Bee	Emma J	Research report for external body	Investigating the influence of settlement pattern and morphology on the sterilisation of shallow coal resources.		CR/10/043 N			2011	Department For Communities and Local Government
Bee	Emma J	Digital or visual media	Mineral Resources Map of the Central Belt of Scotland and accompanying guide.					2008	ISBN: 978 0 7559 619 8
Bee	Emma J	Research report for external body	An evaluation of decisions for aggregates working in designated areas since the introduction of Mineral Planning Policy Statement 1 (England).					2010	Department for Environment, Food and Rural Affairs
Bee	Emma J	Research report for external body	An evidence based approach to predicting the future supply of aggregate resources in England.					2011	Department for Environment, Food and Rural Affairs
Beggan	Ciaran	Journal article	Interpolation of externally-caused magnetic fields over large sparse arrays using Spherical Elementary Current Systems	Annales Geophysicae		28	n/a	2010	
Beggan	Ciaran	Journal article	Forecasting change of the magnetic field using core surface flows and Ensemble Kalman filtering	Geophysical Research Letters		36	18	2009	

Beggan	Ciaran	Journal article	Biased residuals of core flow models from satellite-derived 'virtual observatories'	Geophysical Journal International		177	2	2009	
Beggan	Ciaran	Journal article	Generation of 100-year geomagnetically induced current scenarios	Space Weather		10	4	2012	
Bentham	Michelle Sarah	Journal article	Carbon dioxide capture and storage scenarios: A case study of the East Midlands and Yorkshire (UK).	International Journal of Global Energy Issues		31	(3/4)	2009	
Bentham	Michelle Sarah	Research report for external body	Assesment of the potential for geological storage of CO2 for the island of Ireland					2008	Sustainable Energies Ireland
Bentham	Michelle Sarah								CONFIDENTIAL OUTPUT
Bloodworth	Andrew J	Journal article	Digging the backyard: mining and quarrying in the UK and their impact on future land use	Land Use Policy	317-325	265		2009	
Bloodworth	Andrew J	Journal article	The future of the global minerals and metals sector : issues and challenges out to 2050	Geosciences: BRGM's journal for a sustainable Earth	90-97	15		2012	
Bloomfield	John P	Journal article	An early warning system for groundwater flooding in the Chalk	Quarterly Journal of Engineering Geology and Hydrogeology		43	2	2010	
Bloomfield	John P	Journal article	Identifying non-stationary groundwater level responses to North Atlantic ocean-atmosphere teleconnection patterns using wavelet coherence	Hydrogeology Journal		19	6	2011	
Bloomfield	John P	Journal article	Robust evidence for random fractal scaling of groundwater levels in unconfined aquifers	Journal of Hydrology		393	3-4	2010	
Bloomfield	John P	Journal article	Linking North Atlantic ocean-atmosphere teleconnection patterns and hydrogeological responses in temperate groundwater systems	Hydrological Processes		23	21	2009	
Bradwell	Tom	Journal article	The northern sector of the last British Ice Sheet: maximum extent and demise.	Earth Science Reviews		88	3-4	2008	
Bradwell	Tom	Journal article	Dynamic cycles, ice streams and their impact on the extent, chronology and deglaciation of the last British-Irish Ice Sheet.	Quaternary Science Reviews		28	7-8	2009	
Bradwell	Tom	Journal article	Geomorphological signature and flow dynamics of The Minch palaeo-ice stream, NW Scotland.	Journal of Quaternary Science		22	6	2007	
Bradwell	Tom	Journal article	Ice caps existed throughout the Lateglacial Interstadial in northern Scotland.	Journal of Quaternary Science		23	5	2008	
Breward	Neil	Journal article	Arsenic and presumed resistate trace element geochemistry of the Lincolnshire (UK) sedimentary ironstones, revealed by a regional geochemical survey using soil, water and stream sediment sampling	Applied Geochemistry		22	9	2007	
Breward	Neil	Journal article	Regional geochemical comparisons from the Lower Palaeozoic, Southern Uplands–Down-Longford terrane in Northern Ireland and Scotland	Scottish Journal of Geology		47	1	2011	
Breward	Neil	Chapter in book	Sources of Anthropogenic contamination in the Urban Environment	Mapping the Chemical Environment of Urban areas.		Chapter 8		2012	Wiley-Blackwell
Breward	Neil	Journal article	The importance of inorganic carbon in soil carbon databases. and stock estimates: a case study from England	Soil Use and Management		27	3	2011	
Busby	Jonathan P	Journal article	Initial geological conditions before installing ground source heat pump systems	Quarterly Journal of Engineering Geology and Hydrogeology		42		2009	
Busby	Jonathan P	Journal article	A GIS for planning electrical earthing.	Quarterly Journal of Engineering Geology and Hydrogeology		45	3	2012	

Busby	Jonathan P	Journal article	The measured shallow temperature field in Britain.	Quarterly Journal of Engineering Geology and Hydrogeology		44		2011	
Busby	Jonathan P	Journal article	An assessment of the ability to derive regional resistivity maps from geological mapping data	Quarterly Journal of Engineering Geology and Hydrogeology		44	3	2011	
Butcher	Andrew	Journal article	The Evaluation of Brine Prospects and the Requirement for Modifications to Filing Standards.	Economic Geology		106	7	2011	
Butcher	Andrew	Journal article	Water Level Monitoring Pressure Transducers—A Need for Industry-Wide Standards	Ground Water Monitoring & Remediation		31	4	2011	
Butcher	Andrew	Journal article	Tracing groundwater flow and sources of organic carbon in sandstone aquifers using fluorescence properties of dissolved organic matter (DOM)	Hydrological Processes		23	12	2008	
Butcher	Andrew	Conference contribution	Hydrogeochemistry of Aquifer Storage and Recovery in the Lower Greensand (London, UK) for seasonal and drought public supply.	Management of Aquifer Recharge for sustainability: Proceedings of the 6th International Symposium on Managed Artificial Recharge of Groundwater ISMAR6, Phoenix, Arizona, USA		6		2007	ISBN: 0-9788283-9-9
Campbell	Seumas D G	Journal article	Volcanic-plutonic connections in a tilted nested caldera complex in Hong Kong.	Geochemistry, Geophysics, Geosystems	Q01006	13	1	2012	
Campbell	Seumas D G	Journal article	3D geological models and their hydrogeological applications : supporting urban development : a case study in Glasgow-Clyde, UK.	Zeitschrift der Deutschen Gesellschaft für Geowissenschaften		161	2	2010	
Campbell	Seumas D G	Journal article	High precision U-Pb zircon ages for Mesozoic igneous rocks from Hong Kong.	Journal of Asian Earth Sciences		43	1	2012	
Campbell	Seumas D G	Conference contribution	Building on geological models : the vision of an environmental modelling platform	Three-dimension Workshops for 2009, Geological Society of America Annual Meeting, Portland, Oregon, 2009		n/a	n/a	2009	
Carney	John N	Journal article	Lithostratigraphy, sedimentation and evolution of the Volta Basin in Ghana.	Precambrian Research		183	4	2010	
Carney	John N	Journal article	A striated, far travelled clast of rhyolitic tuff from Thames river deposits at Ardleigh, Essex, England: evidence for early Middle Pleistocene glaciation in the Thames catchment.	Netherlands Journal of Geosciences		89	2	2010	
Carney	John N	Journal article	New information on Neoproterozoic-Cambrian geology and the Triassic unconformity around Groby, southern Charnwood Forest, UK	Proceedings of the Yorkshire Geological Society		59	1	2012	
Cave	Mark R	Journal article	Determination of the Bioaccessibility of Chromium in Glasgow Soil and the Implications for Human Health Risk Assessment	Science of the Total Environment		409	2	2010	
Cave	Mark R	Journal article	Comparison of batch mode and dynamic physiologically based bioaccessibility tests for PAHs in soil samples	Environmental Science And Technology		44	7	2010	
Cave	Mark R	Journal article	A lead isotopic study of the human bioaccessibility of lead in urban soils from Glasgow, Scotland	Science of the Total Environment		409	23	2011	
Cave	Mark R	Chapter in book	Oral Bioavailability in Dealing with Contaminated Sites (From Theory towards Practical Application)	Dealing with Contaminated Sites (From Theory towards Practical Application)				2011	Springer
Chadwick	Roland Andrew	Edited book	Best Practice for the Storage of CO2 in Saline Aquifers.					2008	NERC

Chadwick	Roland Andrew	Conference contribution	History - matching flow simulations and time-lapse seismic data from the Sleipner CO2 plume.	Petroleum Geology: From Mature Basins to New Frontiers - Proceedings of the 7th Petroleum Geology Conference		7	n/a	2010	ISBN: 978-1-86239-298-4
Chadwick	Roland Andrew	Journal article	Modelling Carbon-Dioxide Accumulation at Sleipner: Implications for Underground Carbon Storage.	Earth and Planetary Science Letters		255	1	2007	
Chadwick	Roland Andrew	Journal article	Flow processes and pressure evolution in aquifers during the injection of supercritical CO2 as a greenhouse gas mitigation measure.	Petroleum GeoScience		15	1	2009	
Chambers	Jonathan E	Journal article	Mineshaft imaging using surface and crosshole 3D electrical resistivity tomography : a case history from the East Pennine Coalfield, UK	Journal of Applied Geophysics	324-337	62	4	2007	
Chambers	Jonathan E	Journal article	Bedrock detection beneath river terrace deposits using three-dimensional electrical resistivity tomography	Geomorphology		177-178	n/a	2012	
Chambers	Jonathan E	Journal article	Hydrogeophysical imaging of deposit heterogeneity and groundwater chemistry changes during DNAPL source zone bioremediation	Journal of Contaminant Hydrology		118	1-2	2010	
Chambers	Jonathan E	Journal article	Fast computation of optimized electrode arrays for 2D resistivity surveys	Computers and Geosciences		36	11	2010	
Chapman	Mark	Journal article	Unified theory for global and squirt flow in porous media	Geophysics		74	2	2009	
Chapman	Mark	Journal article	Modelling the effect of multiple sets of meso-scale fractures in porous rock on frequency anisotropy	Geophysics		74	6	2009	
Chapman	Mark	Journal article	Observations of fluid-dependent shear-wave splitting in synthetic porous rocks with aligned penny-shaped fractures	Geophysical Prospecting		59	1	2011	
Chapman	Mark	Journal article	Experimental verification of the fracture density and shear-wave splitting relationship using synthetic silica cemented sandstones with a controlled crack geometry	Geophysical Prospecting		60	3	2012	
Chenery	Simon R N	Journal article	Soil-plant interactions and the uptake of Pb at abandoned mining sites in the Rookhope catchment of the N. Pennines, UK - A Pb isotope study	Science of the Total Environment		433		2012	
Chenery	Simon R N	Journal article	The British Final Magdalenian: Society, settlement and raw material movements revealed through LA-ICP-MS trace element analysis of diagnostic artefacts	Quaternary International		272-273		2010	
Chenery	Simon R N	Journal article	The distribution of depleted uranium contamination in Colonie, NY, USA	Science of the Total Environment		408	2	2009	
Chenery	Simon R N	Journal article	Regional lead isotope study of a polluted river catchment: River Wear, Northern England, UK	Science of the Total Environment		407	17	2009	
Clarke	Ellen	Journal article	Resolving issues concerning Eskdalemuir geomagnetic hourly values	Annales Geophysicae		29	2	2011	
Clarke	Ellen	Journal article	First steps towards K indices from the South Atlantic observatories: Port Stanley observatory	Data Science Journal		10	n/a	2011	
Clarke	Ellen								CONFIDENTIAL OUTPUT
Clarke	Ellen								CONFIDENTIAL OUTPUT
Condon	Daniel	Journal article	238U/235U systematics in terrestrial U-bearing minerals	Science		335	1610	2012	
Condon	Daniel	Journal article	Isotopic composition (238U/235U) of some commonly used uranium reference materials.	Geochimica et Cosmochimica Acta		74	24	2011	
Condon	Daniel	Journal article	Constraints on the numerical age of the Paleocene-Eocene boundary	Geochemistry, Geophysics, Geosystems	Q0AA17	12	6	2011	

Condon	Daniel	Journal article	Geochronologic constraints on the chronostratigraphic framework of the Neoproterozoic Hufg Supergroup, Sultanate of Oman	American Journal of Science		307		2007	
Cooper	Anthony H	Journal article	Identification, prediction and mitigation of sinkhole hazards in evaporite karst areas	Environmental Geology		53	5	2008	
Cooper	Anthony H	Journal article	The GIS approach to evaporite karst geohazards in Great Britain.	Environmental Geology		53	5	2008	
Cooper	Anthony H	Journal article	The classification, recording, databasing and use of information about building damage caused by subsidence and landslides.	Quarterly Journal of Engineering Geology and Hydrogeology		41	3	2008	
Cooper	Anthony H	Journal article	The use of karst geomorphology for planning, hazard avoidance and development in Great Britain.	Geomorphology		134	1-2		
Cooper	Mark R	Journal article	Age constraints and geochemistry of the Ordovician Tyrone Igneous Complex, Northern Ireland: implications for the Grampian orogeny.	Journal of the Geological Society of London		168	4	2011	
Cooper	Mark R	Journal article	Palaeogene Alpine tectonics and Icelandic plume-related magmatism and deformation in Ireland	Journal of the Geological Society of London		169	1	2012	
Cooper	Mark R	Journal article	Intrusion history of the Portrush Sill, County Antrim, Northern Ireland: evidence for rapid emplacement and high-temperature contact metamorphism.	Geological Magazine		149	1	2011	
Cooper	Mark R	Journal article	Episodic arc-ophiolite emplacement and the growth of continental margins: Late accretion in the Northern Irish sector of the Grampian-Taconic orogeny accretion in the Northern Irish sector of the Grampian-Taconic orogeny	Bulletin of the Geological Society of America		124		2012	
Cotterill	Carol Jacqueline	Journal article	Geometry and slip rate of the Aigion fault, a young normal fault system in the western Gulf of Corinth	Geology		35	4	2007	
Cotterill	Carol Jacqueline	Conference contribution	Proceedings IODP, 325			325		2011	
Cotterill	Carol Jacqueline	Conference contribution	Dogger Bank – A Geo Challenge.	Investigation and Geotechnics, Integrated Geotechnologies – Present and Future				2012	ISBN: 9 06940 53 2
Cotterill	Carol Jacqueline	Research report for external body	East Coast Regional Environmental Characterisation					2011	Marine Aggregate Levy Sustainability Fund
Cuss	Robert James	Journal article	Observations of heterogeneous pore pressure distributions in clay-rich materials	Mineralogical Magazine	245-259	76	8	2012	
Cuss	Robert James	Journal article	The role of stress history on the flow of fluids through fractures	Mineralogical Magazine	295-307	76	8	2012	
Cuss	Robert James	Confidential report (for external body)	Desk Based Study and Literature Review of Diapirism in Plastic Clays and an analysis of the Critical state of Boom Clay .	Technical Report	CR/11/012 N			2011	
Cuss	Robert James	Research report for external body	Large scale gas injection test (Lasgit) performed at the Äspö Hard Rock Laboratory. Summary report 2008	Svensk Kärnbränslehantering AB (SKB) Technical Report				2010	Svensk Kärnbränslehantering AB, Stockholm, Sweden.
Dai	Heng Chang	Journal article	A practical approach to compensate for diodic effects of PS converted waves	Leading Edge		29	11	2010	

Dai	Heng Chang	Journal article	Effect of errors in the migration velocity model of PS-converted waves on travelttime accuracy in prestack Kirchhoff time migration in weak <u>anisotropic media</u>	Geophysics		73	5	2008	
Dai	Heng Chang	Journal article	Velocity model updating in prestack Kirchhoff time migration for PS <u>converted waves: Part I - theory</u>	Geophysical Prospecting		55	4	2007	
Dai	Heng Chang	Journal article	Imaging beneath gas clouds using 3D prestack Kirchhoff time migration of <u>PS-converted waves : a case study from the North Sea.</u>	Leading Edge		26	4	2007	
Darling	William G	Journal article	The weathering and element fluxes from active volcanoes to the oceans: a <u>Montserrat case study.</u>	Bulletin of Volcanology	207-222	73	3	2011	
Darling	William G	Journal article	Conceptual model of recharge to southeastern Badain Jaran Desert <u>groundwater and lakes from environmental tracers.</u>	Applied Geochemistry		23	12	2008	
Darling	William G	Journal article	Groundwater nitrogen composition and transformation within a moorland <u>catchment, mid-Wales.</u>	Science of the Total Environment		390	1	2008	
Darling	William G	Journal article	The isotope hydrology of quaternary climate change	Journal of Human Evolution		60	4	2011	
Davies	Jeffrey	Journal article	The bailer test: a short effect pumping test for assessing borehole success	Hydrogeology Journal	4861	16	6	2008	
Davies	Jeffrey	Journal article	A critical overview of transboundary aquifers shared by South Africa.	Hydrogeology Journal	4862	16	6	2008	
Davies	Jeffrey	Journal article	Improving access to southern Africa's groundwater "grey data".	Hydrogeology Journal	17074	19	6	2011	
Davies	Jeffrey	Journal article	Identifying transboundary aquifers in need of international resource management in the Southern African Development Community region.	Hydrogeology Journal		n/a	n/a	2012	
Ellis	Michael Alexander	Journal article	Extraordinary denudation in the Sichuan Basin: insights from low-temperature thermochronology adjacent to the eastern margin of the <u>Tibetan Plateau</u>	Journal of Geophysical Research		113	B4	2008	
Ellis	Michael Alexander	Journal article	Active tectonics of the Beichuan and Pengguan faults at the eastern margin of the <u>Tibetan Plateau</u>	Tectonics		26	4	2007	
Ellis	Michael Alexander	Journal article	A topographic fingerprint to distinguish alluvial fan formative processes	Geomorphology		88	34-45	2007	
Ellis	Michael Alexander	Journal article	The spatial variation of weathering and soil depth across a Triassic <u>sandstone outcrop</u>	Earth Surface Processes and Landforms		36	5		
Ellison	Richard A	Journal article	Engineering geological characterisation of the Barzaman Formation, with reference to <u>coastal Dubai, UAE.</u>	Bulletin of Engineering Geology and the Environment		71	1		
Ellison	Richard A	Journal article	Dolomite cementation and recrystallisation of sedimentary breccias along the Musandam Platform margin (United Arab Emirates).	Journal of Geochemical Exploration		106			
Ellison	Richard A								CONFIDENTIAL OUTPUT
Ellison	Richard A								CONFIDENTIAL OUTPUT
Entwisle	David C	Research report for <u>external body</u>	National GIS Thematic Layer: Glacial Till	BGS	BGS Open Report <u>IR/10/041</u>			2010	http://nora.nerc.ac.uk/21121/
Entwisle	David C	Journal article	Property attribution of 3D geological models in the Thames Gateway, London: new ways of visualising geoscientific information	Bulletin of Engineering Geology and the Environment		68	1	2009	
Entwisle	David C	Authored book	NA to BS EN 1997-2:2007: UK National Annex to Eurocode 7. <u>Geotechnical design. Ground investigation and testing</u>					2009	British Standards Institute
Entwisle	David C	Research data sets and <u>databases</u>	National Geotechnical Properties Database					2012	

Evans	David J	Journal article	First account of resistivity borehole micro-imaging (FMI) to assess the sedimentology and structure of the Preesall Halite, NW England: implications for gas storage and CCS caprock assessments.	Journal of the Geological Society of London		169	5	2012	
Evans	David J	Chapter in book	A review of underground fuel storage problems and putting risk into perspective with other areas of the energy supply chain	Geological Society Special Publication: Underground Gas Storage: Worldwide Experiences and Future Development in the UK and Europe		313		2009	Geological Society
Evans	David J	Journal article	The present and future use of 'land' below ground	Land Use Policy		265		2009	
Evans	David J	Research report for external body	An appraisal of underground gas storage technologies and incidents, for the development of risk assessment methodology					2008	HMSO Norwich
Evans	Jane A	Journal article	Spatial variations in biosphere Sr-87/Sr-86 in Britain.	Journal of the Geological Society of London		167	1	2010	
Evans	Jane A	Journal article	Brewing and stewing: the effect of cultural mediation on the oxygen isotope composition of ingested fluids and the implications for human provenance studies.	Journal of Analytical Atomic Spectroscopy		27		2012	
Evans	Jane A	Journal article	Resolving archaeological populations with Sr-isotope mixing models	Applied Geochemistry		22	7	2007	
Evans	Jane A	Journal article	Evidence for long-term averaging of strontium in bovine enamel using TIMS and LA-MC-ICPMS <u>strontium isotope intra-molar profiles</u>	Environmental Archaeology		15	1	2008	
Everest	Jeremy Duncan	Journal article	The deglacial history of NW Alexander Island, Antarctica, from surface exposure dating.	Quaternary Research		77	2	2012	
Everest	Jeremy Duncan	Journal article	First cosmogenic ¹⁰ Be age constraint on the timing of Younger Dryas glaciation and ice cap thickness, western Scottish Highlands	Journal of Quaternary Science		22	8	2007	
Everest	Jeremy Duncan	Journal article	Lichenometry on Adelaide Island, Antarctic Peninsula : size-frequency studies, growth rates and snowpatches.	Geografiska Annaler (Series A)		92	1	2010	
Everest	Jeremy Duncan	Journal article	Pre-Late Devensian high-arctic marine deposits in SW Scotland	Scottish Journal of Geology		46	1	2009	
Farrant	Andrew R	Journal article	Role of sediment in speleogenesis; sedimentation and paragenesis.	Geomorphology		134	1	2011	
Farrant	Andrew R	Journal article	An analysis of Cotswold topography: insights into the landscape response to denudational isostasy.	Journal of the Geological Society of London		165	1	2008	
Farrant	Andrew R								CONFIDENTIAL OUTPUT
Farrant	Andrew R								CONFIDENTIAL OUTPUT
Flight	Deirdre M A	Journal article	The geochemistry of Niobium and its distribution and relative mobility in agricultural soils of Europe	Geochemistry: Environment, Exploration, Analysis (GEEA)		12	4	2012	
Flight	Deirdre M A	Chapter in book	Soil geochemical baselines in the UK: The G-BASE project	Mapping the Chemical Environment of Urban Areas		Chapter 13		2012	Wiley-Blackwell
Flight	Deirdre M A	Journal article	From chemical risk assessment to environmental quality management: The challenge for soil protection	Environmental Science And Technology		45	1	2011	
Ford	Jonathan Richard	Journal article	Humans as major geological and geomorphological agents in the Anthropocene: the significance of artificial ground in Great Britain	Philosophical Transactions Of The Royal Society A: Mathematical, Physical And Engineering Sciences		369	1938	2011	

Ford	Jonathan Richard	Journal article	New insights from 3D geological models of aquifer and seal rocks at analogue CO2 storage sites in Lincolnshire and eastern Scotland, UK.	Proceedings of the Yorkshire Geological Society		59	1	2012	
Ford	Jonathan Richard	Journal article	Geological 3D modelling: scientific discovery and enhanced understanding of the subsurface, with examples from the UK.	Zeitschrift der Deutschen Gesellschaft für Geowissenschaften		161	2	2010	
Ford	Jonathan Richard	Authored book	Geology of the Selby district : a brief explanation of the geological map Sheet 71 Selby.					2009	British Geological Survey / NERC
Fordyce	Fiona M	Journal article	A health risk assessment for fluoride in Central Europe.	Environmental Geochemistry and Health. Special Issue Medical Geology in Developing Counties		29	2	2007	
Fordyce	Fiona M	Journal article	An initial study to assess the use of geological parent materials to predict the Se concentration in overlying soils and in five staple foodstuffs produced on them in Scotland	Science of the Total Environment		408	22	2010	
Fordyce	Fiona M	Chapter in book	Contamination	The State of Scotland's Soil		Chapter 2		2011	Natural Scotland
Foster	Claire	Journal article	The national landslide database of Great Britain: development, evolution and applications.	Environmental Earth Sciences		66	3	2012	
Foster	Claire	Journal article	Landslide research at the British Geological Survey: capture, storage and interpretation on a national and site-specific scale:	Acta geologica sinica English edition		83	5	2009	
Foster	Claire	Journal article	Tier-based approaches for landslide susceptibility assessment in Europe.	Landslides		Online First		2012	
Foster	Claire	Journal article	Landslide management in the UK: the problem of managing hazards in a low risk environment.	Landslides		Online First		2012	
Gatliff	Robert W	Journal article	British Ice Sheet dynamics inferred from North Atlantic ice rafted debris records spanning the last 175,000 years	Journal of Quaternary Science		25	4	2010	
Gatliff	Robert W	Research report for external body	Sedimentary Processes and Morphology: Chapter in Feeder report to the assessment of the UK seas.	Charting Progress - Ocean Processes feeder report Section 3.8 Sedimentary Process and Morphology				2010	DEFRA
Gatliff	Robert W	Journal article	CO ₂ - mineral reaction in a natural analogue for CO ₂ storage - implications for modelling	Journal of Sedimentary Research		79	7	2009	
Gatliff	Robert W	Journal article	Cenozoic Exhumation in the Southern British Isles	Geology		36	5	2008	
Giles	Jeremy Raymond Alan	Research report for external body	Data and research for environmental applications and models (DREAM)	BGS Open Report OR/10/020				2010	BGS
Giles	Jeremy Raymond Alan	Edited book	Elevation Models for Geoscience					2010	Geological Society of London
Giles	Jeremy Raymond Alan	Chapter in book	Geoscience metadata - No pain, no gain	Societal challenges and geoinformatics				2011	Geological Society of America
Giles	Jeremy Raymond Alan	Research data sets and databases	Onshore Borehole Scans online					2010	BGS
Gillespie	Martin R	Journal article	A cryptic record of magma mixing in diorites revealed by high-precision SIMS oxygen isotope analysis of zircons.	Earth and Planetary Science Letters		269		2008	
Gillespie	Martin R	Journal article	Do S-type granites commonly sample infracrustal sources? : new results from an integrated O, U-Pb and Hf isotope study of zircon.	Contributions to Mineralogy and Petrology		160	1	2010	

Gillespie	Martin R	Research report for external body	British Geological Survey Scheme for classifying discontinuities and fillings.					2011	BGS/NERC
Gillespie	Martin R	Journal article	Scottish Landform Examples: The Cairngorms – A Pre-glacial Upland Granite Landscape.	Scottish Geographical Journal		n/a (online only)	n/a (online only)	2012	
Goody	Daren C	Journal article	The significance of colloids in the transport of pesticides through Chalk	Science of the Total Environment		385	1-3	2007	
Goody	Daren C	Journal article	Assessing the applicability of global CFC and SF6 input functions to groundwater dating in the UK	Science of the Total Environment		387	1-3	2007	
Goody	Daren C	Journal article	Using environmental tracers to assess the extent of river-groundwater interaction in a quarried area of the English Chalk	Applied Geochemistry		25	7	2010	
Goody	Daren C	Journal article	A rapid method for determining apparent diffusion coefficients in Chalk and other consolidated porous media	Journal of Hydrology		343	1-2	2007	
Goodenough	Kathryn Mary	Journal article	Architecture of the Oman-UAE ophiolite: evidence for a multi-phase magmatic history	Arabian Journal of Geosciences		3	4	2010	
Goodenough	Kathryn Mary	Journal article	Post-collisional magmatism in the central East Africa Orogen: the Maevarano Suite of north Madagascar	Lithos		116		2010	
Goodenough	Kathryn Mary	Journal article	Timing of regional deformation and development of the Moine Thrust Zone in the Scottish Caledonides: constraints from the U-Pb geochronology of alkaline intrusions	Journal of the Geological Society of London		168	1	2011	
Goodenough	Kathryn Mary	Chapter in book	The Laxford Shear Zone: an end-Archaean terrane boundary?	Continental Tectonics and Mountain Building		Special Publication 335		2010	Geological Society of London
Gunn	Andrew G	Journal article	Platinum-group elements in Ordovician Ni-Cu sulfide prospects in northeast Scotland	The Canadian Mineralogist		45	2	2007	
Gunn	Andrew G	Journal article	Geophysical modelling of the Molopo Farms Complex in southern Botswana: implications for its emplacement within the ~2 Ga large igneous provinces of southern and central Africa	South African Journal of Geology		113	4	2010	
Gunn	Andrew G	Journal article	Chromite and PGE in the Logar Ophiolite Complex, Afghanistan	Applied Earth Science (Trans. Instrn. Min. Metall. B)		118	2	2009	
Gunn	Andrew G	Website content	Mineral Profile: Platinum					2009	http://www.bgs.ac.uk/downloads/start.cfm?id=1401
Gunn	David A	Journal article	Remote thermal infrared surveying to detect abandoned mineshafts in former mining areas.	Quarterly Journal of Engineering Geology and Hydrogeology		41	3	2008	
Gunn	David A	Journal article	Short pulse multi-frequency phase-based time delay estimation.	Journal of the Acoustical Society of America		127	1	2010	
Gunn	David A	Journal article	Refraction microtremor (ReMi) to determine the shear wave velocity structure about a mineshaft.	Quarterly Journal of Engineering Geology and Hydrogeology		44	2	2008	
Gunn	David A	Journal article	Comparison of surface wave techniques to estimate shear wave velocity in a sand and gravel sequence: Holme-Pierrepont, Nottingham, UK.	Quarterly Journal of Engineering Geology and Hydrogeology		45	2	2012	
Hards	Victoria L	Journal article	Shaken, but not stirred : the 2004 eruption of the Tristan da Cunha volcano.	Shima : The International Journal of Research into Island Cultures		3	1	2009	
Hards	Victoria L	Journal article	Seismic characterization of pyroclastic flow activity at Soufriere Hills Volcano, Montserrat, 8 January 2007.	Natural Hazards and Earth System Sciences		7	4	2007	
Hards	Victoria L	Journal article	Natural emissions of CO2 from the geosphere and their bearing on the geological storage of carbon dioxide.	Energy		32	7	2007	

Hards	Victoria L	Journal article	Magma hybridisation and diffusive exchange recorded in heterogeneous glasses from Soufriere Hills Volcano, Montserrat.	Geophysical Research Letters		37	19	2010	
Harrington	Jon F	Journal article	Gas flow in Callovo-Oxfordian Clay (COx): Results from laboratory and field-scale measurements	Mineralogical Magazine	pp 441-456	76	8	2012	
Harrington	Jon F	Journal article	Evidence for gas-induced pathways in clay using a nanoparticle injection technique	Mineralogical Magazine	pp 465-474	76	8	2012	
Harrington	Jon F	Research report for external body	Hydraulic conductivity and specific storage of bentonite following prolonged thermal exposure					2011	Svensk Kärnbränslehantering AB
Harrington	Jon F	Journal article	Swelling and osmotic flow in a potential host rock	Physics and Chemistry of the Earth		32		2007	
Harrison	Matthew	Research data sets and databases	GeoSure - Six Natural Ground Stability Data Layers					2009	British Geological Survey
Harrison	Matthew	Research report for external body	INSPIRE (Infrastructure for Spatial Information in Europe) Data Specification on Natural Risk Zones Implementing Rules (Legal Text) and Guidelines					2012	European Commission
Harrison	Matthew	Research report for external body	Scottish Road Network Landslides Study: Implementation					2008	Transport Scotland
Harrison	Matthew	Journal article	The relationship between shrink-swell occurrence and climate in south-east England	Proceedings of the Geologists' Association		123	4	2012	
Heaton	Timothy H E	Journal article	An isotope study of the sources of nitrate in Malta's groundwater	Journal of Hydrology		414-415		2012	
Heaton	Timothy H E	Journal article	Dominance of biologically produced nitrate in upland waters of Great Britain indicated by stable isotopes	Biogeochemistry				2011	
Heaton	Timothy H E	Journal article	Using d15N and d18O to evaluate the sources and pathways of NO3- in rainfall event discharge from drained agricultural grassland lysimeters at high temporal resolutions.	Rapid Communications in Mass Spectrometry		22	11	2008	
Heaton	Timothy H E	Journal article	Chemical weathering and solute export by meltwater in a maritime Antarctic glacier basin	Biogeochemistry		98		2010	
Hobbs	Peter R N	Research report for external body	Use of 'UKCIP08 scenarios' to determine the potential impact of climate change on the pressures/threats to soils in England and Wales. Defra Project SP0571					2009	Defra
Hobbs	Peter R N	Research report for external body	Engineering geology of British rocks and soils : Lias Group	BGS Open Report OR/12/032				2012	BGS
Hobbs	Peter R N	Conference contribution	The relevance of lithostratigraphy in the assessment and investigation of engineering ground conditions in UK mudstones.	Proceedings of the 15th European Conference on Soil Mechanics and Geotechnical Engineering				2011	ISBN: 978-1-60750-801-4 (online) 978-1-60750-800-7 (print)
Hobbs	Peter R N	Research report for external body	Slope dynamics project report : Norfolk Coast (2000 - 2006)	BGS Open Report OR/08/018				2008	BGS
Holloway	Samuel	Journal article	CO2 storage capacity estimation: Issues and development of standards	International Journal of Greenhouse Gas Control		1	1	2007	
Holloway	Samuel	Journal article	CO2 storage capacity estimation: Methodology and gaps.	International Journal of Greenhouse Gas Control		1	4	2007	
Holloway	Samuel	Journal article	Storage capacity and containment issues for carbon dioxide capture and geological storage on the UK Continental Shelf	Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy		223	3	2009	

Holloway	Samuel	Conference contribution	The Energy Technologies Institute's UK CO2 Storage Appraisal Project (UKSAP).	Proceedings of the SPE Offshore Europe Oil and Gas Conference and Exhibition, Aberdeen, UK, 6–8 September 2011.		n/a	n/a	2011	
Hopson	Peter M	Research report for external body	A stratigraphical framework for the Lower Cretaceous of England.	Research Report of the British Geological Survey		RR/08/03		2008	British Geological Survey
Hopson	Peter M	Journal article	The geological history of the Isle of Wight: An overview of the 'diamond in Britain's geological crown.	Proceedings of the Geologists' Association		122	5	2011	
Hopson	Peter M	Journal article	The Lower Albian (Lower Cretaceous) Monk's Bay Sandstone Formation (formerly the Carstone) of the Isle of Wight : its distribution, litho- and bio-stratigraphy.	Proceedings of the Geologists' Association		122	5	2011	
Hopson	Peter M	Digital or visual media	Devizes. England and Wales Sheet 282 . Bedrock and Superficial Deposits. 1:50 000.			n/a	n/a	2008	ISBN: 978-0-7518-3559-5 and 978-0-7518-3560-1
Horstwood	Matthew Simon Anthony	Journal article	A new approach to single shot laser ablation analysis and its application to in situ Pb/U geochronology	Journal of Analytical Atomic Spectroscopy		24		2009	
Horstwood	Matthew Simon Anthony	Journal article	Determination of Sr isotopes in calcium phosphates using laser ablation inductively coupled plasma mass spectrometry and their application to archaeological tooth enamel	Geochimica et Cosmochimica Acta		72		2008	
Horstwood	Matthew Simon Anthony	Journal article	Plešovice zircon—a new natural reference material for U–Pb and Hf isotopic microanalysis	Chemical Geology		249		2008	
Horstwood	Matthew Simon Anthony	Journal article	The use of heavy mineral correlation for determining the source of impact ejecta: A Manicouagan distal ejecta case study	Earth and Planetary Science Letters		285		2009	
Hough	Edward	Digital or visual media	Preston 1:50 000 scale bedrock geological map		1:50 000 Scale Geology Series map			2012	ISBN: 978-075183642-4
Hough	Edward	Research report for external body	Ground conditions in central Manchester and Salford : the use of the 3D geoscientific model as a basis for decision support in the built environment		RR/10/006			2010	British Geological Survey Research Report
Hough	Edward	Authored book	Geology of the Barnsley district- a brief explanation of the geological map					2007	NERC/BGS
Hough	Edward	Conference contribution	A geological reappraisal of the Preesall Saltfield, Lancashire, United Kingdom: recognizing geological factors relevant to gas storage	Solution Mining Research Institute Fall 2011 Technical Conference		Fall 2011	Fall 2011	2011	
Howard	Andrew S	Journal article	Developing a geoscience knowledge framework for a national geological survey organisation.	Computers and Geosciences		35	4	2009	
Howard	Andrew S	Authored book	A formational framework for the Mercia Mudstone Group (Triassic) of England and Wales.	RR/08/004				2008	NERC BGS
Howe	Michael Peter Alfred	Journal article	New data on the Brufflat Formation and the Llandoverly/ Wenlock transition in the Oslo Region, Norway.	Norwegian Journal of Geology		91		2012	

Howe	Michael Peter Alfred	Research data sets and databases	GB/3D Type Fossils Online database.					2012	BGS
Howe	Michael Peter Alfred	Journal article	GrapEl – a simple spreadsheet application for managing and disseminating graptolite biozonal range chart data.	Proceedings of the Yorkshire Geological Society		58	4	2011	
Howe	Michael Peter Alfred	Journal article	New perspectives on the globally important Ediacaran fossil discoveries in Charnwood Forest, UK: Harley's 1848 prequel to Ford (1958).	Proceedings of the Yorkshire Geological Society		59		2012	
Hughes	Andrew G	Journal article	Integrated environmental modeling: A vision and roadmap for the future	Environmental Modelling and Software	3-23	39	1	Published online 2012	
Hughes	Andrew G	Chapter in book	How to get your model results used; a guide to stakeholder engagement	Groundwater resources modelling; a case study from the UK				2012	Geological Society of London
Hughes	Andrew G	Journal article	Evaluation of distributed recharge in an upland semi-arid karst system: the West Bank Mountain Aquifer, Middle East	Hydrogeology Journal		16	5	2008	
Hughes	Andrew G	Journal article	Effects of CO2 injection on shallow groundwater resources: a hypothetical case study in the Sherwood Sandstone aquifer, UK	International Journal of Greenhouse Gas Control		11	1	2012	
Hughes	Richard A	Chapter in book	Geoscience data and derived spatial information: societal impacts and benefits, and relevance to geological surveys and agencies.	Societal challenges and geoinformatics Special Paper 482				2011	Geological Society of America
Hughes	Richard A	Chapter in book	It's not your data, it's everyone's: the benefits of a corporate approach to scientific information.	Geoinformatics. Cyberinfrastructure for the Solid Earth Sciences				2011	Cambridge University Press
Humpage	Adrian J	Digital or visual media	England and Wales Sheet 167 Dudley.					2012	ISBN: 978-0-7518-3602-8
Humpage	Adrian J	Digital or visual media	The mineral resources maps of Wales.			OR/10/032		2010	http://www.bgs.ac.uk/mineralsuk/planning/resource.html#MRW
Humpage	Adrian J	Chapter in book	Climate change and evolution of landslide hazard at Nefyn Bay, North Wales.	Landslides and Climate Change: Challenges and Solutions - Proceedings of the International Conference on Landslides and Climate Change				2007	Taylor & Francis
Humpage	Adrian J	Authored book	Geology of the Manchester district, a brief explanation of England and Wales sheet 85.					2012	BGS
Izquierdo	Maria	Journal article	Soil-plant interactions and the uptake of Pb at abandoned mining sites in the Rookhope catchment of the N. Pennines, UK - A Pb isotope study	Science of the Total Environment		433		2012	
Izquierdo	Maria	Journal article	Sources, lability and solubility of Pb in alluvial soils of the River Trent catchment, U.K	Science of the Total Environment		433		2012	
Jackson	Christopher R	Journal article	Modelling the effects of climate change and its uncertainty on UK Chalk groundwater resources from an ensemble of global climate model projections	Journal of Hydrology		399	1-2	2011	
Jackson	Christopher R	Journal article	Potential impacts of climate change on groundwater supplies to the Doñana wetland, Spain	Wetlands		31	5	2011	
Jackson	Christopher R	Journal article	Simulation of the spatio-temporal extent of groundwater flooding using statistical methods of hydrograph classification and lumped parameter models	Hydrological Processes		25	12	2011	

Jackson	Christopher R	Research data sets and databases	Future Flows Hydrology Data					2012	http://www.bgs.ac.uk/research/groundwater/change/FutureFlows/sites.html
Jackson	Ian	Chapter in book	OneGeology : from concept to global project	Geoinformatics. Cyberinfrastructure for the Solid Earth Sciences				2011	Cambridge University Press
Jackson	Peter D	Conference contribution	Electrical resistivity tomography for earthwork condition appraisal	Geologically Active: Proceedings of the 11th IAEG Congress. Auckland, New Zealand, 5-10 September 2010				2010	ISBN: 978-0-415-60034-7
Jackson	Peter D	Conference contribution	An investigation of the exponent (m) in Archie's equation: Comparing numerical modelling with laboratory data: towards characterising disturbed samples from the Cascadia Margin: IODP Expedition 311	Proceedings of the 49th Annual Symposium, SPWLA, Edinburgh, 25-28th May 2008				2008	
James	James William Ceri	Research report for external body	The Eastern English Channel Marine Habitat Map			139		2007	CEFAS
James	James William Ceri	Research report for external body	The South Coast Regional Environmental Characterisation			OR/09/051		2010	BGS
James	James William Ceri	Research report for external body	The MALS synthesis study in the central and eastern English Channel			OR/11/001		2011	BGS
James	James William Ceri	Chapter in book	Sand Wave Field: The OBel Sands, Bristol Channel, UK	Seafloor geomorphology as benthic habitat : GeoHAB atlas of seafloor geomorphic features and benthic habitats				2012	Elsevier
Johnson	Christopher C	Research report for external body	Normal background concentrations (NBCs) of contaminants in English soils: Final project report			CR/12/035 N		2012	Defra
Johnson	Christopher C	Edited book	Mapping the Chemical Environment of Urban Areas					2011	Wiley-Blackwell
Johnson	Christopher C	Journal article	Factors controlling the distribution of selenium in the environment and their impact on health and nutrition	Proceedings of the Nutrition Society		69	1	2010	
Johnson	Christopher C								CONFIDENTIAL OUTPUT
Johnson	Howard	Chapter in book	The effects of Cenozoic compression within the Faroe-Shetland Basin and adjacent areas.	The Nature and Origin of Compression in Passive Margins		306		2008	Geological Society, London.
Johnson	Howard	Confidential report (for external body)	Cenozoic pre- and post-breakup compression in the Faroe-Shetland area, within the context of the NE Atlantic					2011	

Johnson	Howard	Conference contribution	Timing, controls and consequences of compression in the Rockall–Faroë area of the NE Atlantic Margin.	Petroleum Geology: From Mature Basins to New Frontiers— Proceedings of the 7th Petroleum Geology Conference - Unconventional Hydrocarbons Resources Session		7		2010	
Johnson	Howard	Chapter in book	Unconventional Hydrocarbon Resources	Petroleum Geology: From Mature Basins to New Frontiers— Proceedings of the 7th Petroleum Geology Conference				2010	Geological Society, London.
Jones	David G	Journal article	Effects of elevated CO2 concentrations on the vegetation and microbial populations at a terrestrial CO2 vent at Laacher See, Germany	International Journal of Greenhouse Gas Control		5	4	2011	
Jones	David G	Journal article	New and established techniques for surface gas monitoring at onshore CO2 storage sites	Energy Procedia		1	1	2009	
Jones	David G	Journal article	Changing patterns of radionuclide distribution in Irish Sea subtidal sediments	Journal of Environmental Radioactivity		96		2007	
Jones	David G	Confidential report (for external body)	Measurement, Monitoring & Verification of CO2 Storage: UK Requirements - Final Report (Vol 1 and 2)			CR/10/030		2010	
Jordan	Colm	Journal article	Pattern and timing of retreat of the last British-Irish Ice Sheet	Quaternary Science Reviews		44		2012	
Jordan	Colm	Research report for external body	Geological Map of the Volta River and Keta basins, Ghana (2009), Government of Ghana, Geological Survey Department	BGS Commissioned Report CR/09/02				2009	European Development Fund to the Government of Ghana
Jordan	Colm	Journal article	Subglacial bedforms of the last British Ice Sheet	Journal of Maps		6	1	2010	
Jordan	Colm	Software	BGS•SIGMAmobile - a world-leading system for digital field data capture during geological mapping and in other geoscience fieldwork					2010	http://www.bgs.ac.uk/research/sigma/home.html
Kemp	Simon J	Journal article	Polyphase low-grade metamorphism of the Ingletton Group, northern England, U.K.: A case study of metamorphic inversion in a mudrock succession.	Geological Magazine		146	2	2009	
Kemp	Simon J	Journal article	Responses of soil clay mineralogy in the Rothamsted Classical experiments in relation to changing management practice and land use.	Geoderma		153	1-2	2009	
Kemp	Simon J								CONFIDENTIAL OUTPUT
Kemp	Simon J								CONFIDENTIAL OUTPUT
Kender	Sev	Journal article	Marine and terrestrial environmental changes in NW Europe preceding carbon release at the Paleocene-Eocene transition	Earth and Planetary Science Letters		353-354	n/a	2012	
Kender	Sev	Journal article	Isotopic and palynological evidence for a new Early Jurassic environmental perturbation	Palaeogeography, Palaeoclimatology, Palaeoecology		available on-line only	n/a	2012	
Kender	Sev	Journal article	Middle Miocene oxygen minimum zone expansion offshore West Africa: evidence for global cooling precursor events	Geology		37	8	2009	

Kender	Sev	Journal article	Shifting ocean carbonate chemistry during the Eocene-Oligocene climate transition: implications for deep ocean Mg/Ca paleothermometry	Paleoceanography	PA4219	25	4	2010	
Kerridge	David J	Journal article	An investigation into techniques for isolating noise in observatory data.	Data Science Journal		10		2011	
Kerridge	David J	Journal article	Magnetic observatories in the 21st Century : an endangered species?	Publications of the Institute of Geophysics, Polish Academy of Sciences		C-99	398	2007	
Kessler	Holger	Journal article	The capture and dissemination of integrated 3D geospatial knowledge at the British Geological Survey using GSI3D software and methodology .	Computers & Geoscience		35	6	2009	
Kessler	Holger	Software	GSI3D software and methodology (developed initially by Dr. Sobisch (INSIGHT GmbH) and lately by Holger Kessler, Steve Mathers, Ben Wood, Jenny Richardson, Tanya Richmond and Paul Williamson (BGS)					2008-2012	http://www.gsi3d.org/
Kessler	Holger	Journal article	Using integrated near-surface geophysical surveys to aid mapping and interpretation of geology in an alluvial landscape within a 3D soil-geology framework.	Near Surface Geophysics		9	1	2011	
Kessler	Holger	Software	LithoFrame Viewer and BGS web-based geological model viewer (Groundhog)					2007-12	http://www.bgs.ac.uk/services/3Dgeology/lithoframeSamples.html
Key	Roger M	Chapter in book	Polyphase Neoproterozoic orogenesis within the East Africa-Antarctica Orogenic Belt in central and northern Madagascar	The Formation and Evolution of Africa: A synopsis of 3.8 Ga of Earth History		357		2011	Geological Society of London Special Publication
Key	Roger M	Chapter in book	Two Mesoarchaean Terranes in the Reguibat Shield of NW Mauritania	The Boundaries of the West African Craton.		297		2008	Geological Society of London Special Publication
Key	Roger M	Journal article	Revised lithostratigraphy of the Mesozoic-Cenozoic succession of the onshore Rovuma Basin, northern coastal Mozambique	South African Journal of Geology		111	1	2008	
Key	Roger M	Journal article	Investigating high zircon concentrations in the fine fraction of stream sediments draining the Pan-African Dahomeyan Terrane in Nigeria.	Applied geochemistry		27	8	2012	
Kimbell	Geoffrey S	Journal article	Three-dimensional gravity and magnetic modelling of the Irish sector of the NE Atlantic margin	Tectonophysics		486	1-4	2010	
Kimbell	Geoffrey S	Journal article	The North Pennine batholith (Weardale Granite) of northern England: new data on its age and form	Proceedings of the Yorkshire Geological Society		58	2	2010	
Kimbell	Geoffrey S								CONFIDENTIAL OUTPUT
Kingdon	Andrew	Journal article	First account of resistivity borehole micro-imaging (FMI) to assess the sedimentology and structure of the Preesall Halite, NW England: implications for gas storage and wider applications in CCS caprock assessment	Journal of the Geological Society of London		169	5	2012	
Kingdon	Andrew	Journal article	The measured shallow temperature field in Britain.	Quarterly Journal of Engineering Geology and Hydrogeology		44	3	2011	
Kingdon	Andrew	Research data sets and databases	The National Geophysical Log Data Archive ("Recall") database					2012	http://www.bgs.ac.uk/discoverymetadata/13603163.html
Kingdon	Andrew	Research report for external body	Interpretation and modelling: geology, to support the development of an Integrated Site Descriptive Model.					2011	Nuclear Decommissioning Agency

Kirby	Gary A	Journal article	Results of geophysical monitoring over a "leaking" natural analogue site in Italy	Energy Procedia		1	1	2008	
Kirby	Gary A	Journal article	Reservoir-scale CO ₂ - fluid rock interactions: Preliminary results from field investigations in the Paradox Basin, Southeast Utah	Energy Procedia		4		2009	
Kirby	Gary A	Confidential report (for external body)	Interpretative review of the relationship between the migration of injected CO ₂ , pressure changes and opening of fractures in the subsurface at Krechba (In Salah)					2011	
Kirby	Gary A	Journal article	New insights into the structure and evolution of the Isle of Wight monocline	Proceedings of the Geologists Association		122		2011	
Krabbendam	Maarten	Journal article	A fluvial origin for the Neoproterozoic Morar Group, NW Scotland; implications for Torridon - Morar group correlation and the Grenville Orogen Foreland Basin.	Journal of the Geological Society of London		165	1	2008	
Krabbendam	Maarten	Chapter in book	Lateral variations and linkages in thrust geometry: the Traligill Transverse Zone, Assynt Culmination, Moine Thrust Belt, NW Scotland.	Continental Tectonics and Mountain Building: The Legacy of Peach and Horne. Geological Society. London, Special Publication		335		2010	Geological Society
Krabbendam	Maarten	Journal article	Glacial erosion and bedrock properties in NW Scotland: Abrasion and plucking, hardness and joint spacing.	Geomorphology		130		2011	
Krabbendam	Maarten	Journal article	Lateral plucking as a mechanism for elongate erosional glacial bedforms: explaining megagrooves in Britain and Canada.	Earth Surface Processes and Landforms		36	10	2011	
Kuras	Oliver	Journal article	Monitoring hydraulic processes with automated time-lapse electrical resistivity tomography (ALERT)	Comptes Rendus Geoscience		341	10-11	2009	
Kuras	Oliver	Journal article	Characterization of seawater intrusion using 2D electrical imaging	Near Surface Geophysics		7	5-6	2009	
Kuras	Oliver	Journal article	Capacitive resistivity imaging with towed arrays	Journal of Environmental and Engineering Geophysics		12	3	2007	
Kuras	Oliver	Journal article	Three-dimensional geophysical anatomy of an active landslide in Lias Group mudrocks, Cleveland Basin, UK	Geomorphology		125	4	2011	
Lapworth	Daniel J	Journal article	Understanding groundwater, surface water and hyporheic zone biogeochemical processes in a Chalk catchment using fluorescence properties of dissolved and colloidal organic matter	Journal of Geophysical Research	G00F02	114	G3	2009	
Lapworth	Daniel J	Journal article	Geochemical mapping using stream sediments in west-central Nigeria : implications for environmental studies and mineral exploration in West Africa	Applied Geochemistry		27	6	2012	
Lapworth	Daniel J	Journal article	Quality measures for soil surveys by lognormal kriging.	Geoderma		173-174	March 2012	2012	
Lapworth	Daniel J	Journal article	Quantification of natural DOM from UV absorption at two wavelengths	Environmental Chemistry		6	6	2009	
Lark	Richard Murray	Journal article	Spatially nested sampling schemes for spatial variance components: scope for their optimization	Computers and Geosciences		37	10	2011	
Lark	Richard Murray	Journal article	Sampling procedures for throughfall monitoring: A simulation study	Water Resources Research		46	n/a	2010	
Lark	Richard Murray	Journal article	Spatial monitoring of a non-stationary soil property: Phosphorus in a Florida water conservation area	European Journal of Soil Science		60	5	2009	
Lark	Richard Murray	Journal article	Optimized sample schemes for geostatistical surveys	Mathematical Geology		39	1	2007	
Lawley	Russell S	Research data sets and databases	National Soil Parent Material Model					2010	http://www.bgs.ac.uk/products/onshore/soilPM.html

Lawley	Russell S	Research data sets and databases	Superficial Deposit Thickness Model						2009	http://www.bgs.ac.uk/products/onshore/superficialThickness.html
Lawley	Russell S	Website content	NERC Soil Portal						2011	www.bgs.ac.uk/nercsoilportal
Lawley	Russell S	Research data sets and databases	DiGMapGB:PLUS						2012	http://www.bgs.ac.uk/products/digitalmaps/DiGMapGB-plus/home.html
Lawrence	David J D	Chapter in book	Defining the store : geological interpretation and storage modelling.	CO2 aquifer storage site evaluation and monitoring : understanding the challenges of CO2 storage : results of the CASSEM Project					2012	Scottish Carbon Capture and Storage
Lawrence	David J D	Research report for external body	Northumberland National Park Geodiversity Audit and Action Plan.	CASSEM Project CR/07/037N					2007	British Geological Survey
Lawrence	David J D	Edited book	Geology of the Rothbury district : a brief explanation of the geological map Sheet 9 Rothbury.						2011	British Geological Survey
Lawrence	David J D	Chapter in book	British Regional Geology. Northern England. 5th edition						2010	British Geological Survey
Laxton	John L	Journal article	Steps toward Grid-based geological survey: Suggestions for a systems framework of models, ontologies, and workflows	Geosphere		3	5		2007	
Laxton	John L	Journal article	Semantics, ontologies and eScience for the geosciences	Computers & Geosciences		35	4		2009	
Laxton	John L	Journal article	Geological applications using geospatial standards - an example from OneGeology-Europe and GeoSciML.	International Journal of Digital Earth		3	Supp. 1		2010	
Laxton	John L	Chapter in book	Developing and implementing international geoscience standards - A domestic perspective	Geological Society of America Special Paper: Societal challenges and geoinformatics		482			2011	Geological Society of America
Lee	Jonathan	Journal article	Progressive soft sediment deformation within a subglacial shear zone- a hybrid mosaic-pervasive deformation model for Middle Pleistocene glaciotectionised sediments from eastern England.	Quaternary Science Reviews		27	13-14		2008	
Lee	Jonathan	Journal article	Possible ice-rafted erratics in late Early to early Middle Pleistocene shallow marine and coastal deposits in northeast Norfolk, UK.	Proceedings of the Geologists Association		122	3		2011	
Lee	Jonathan	Journal article	Pronounced warmth during early Middle Pleistocene interglacials: investigating the Mid-Bruhnes Event in the British terrestrial sequence.	Earth Science Reviews		103	3-4		2010	
Lee	Jonathan	Journal article	Patterns of preglacial sedimentation and glaciotectionic deformation within early Middle Pleistocene deposits at Sidestrand, north Norfolk UK	Proceedings of the Geologists Association		120	1		2009	
Leng	Melanie J	Journal article	Seasonality in equatorial climate over the last 25 k.y. revealed by oxygen isotope records from Mount Kilimanjaro.	Geology		39	12		2011	
Leng	Melanie J	Journal article	Towards an understanding of Late Quaternary variations in the continental biogeochemical cycle of silicon: multi-isotope and sediment-flux data for Lake Rutundu, Mt. Kenya, East Africa, since 38ka BP.	Journal of Quaternary Science		23	4		2008	

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Leng	Melanie J	Journal article	Oceanic, atmospheric and ice-sheet forcing of South East Atlantic Ocean productivity and South African monsoon intensity during MIS-12 to 10.	Quaternary Science Reviews		29		2010	
Leng	Melanie J	Journal article	Diatom silicon isotopes as a proxy for silicic acid utilisation: a Southern Ocean core top calibration.	Geochimica et Cosmochimica Acta		96		2012	
Leslie	Alexander Graham	Chapter in book	Foreland propagating Caledonian thrust systems in East Greenland.	The Greenland Caledonides: Evolution of the Northeast Margin of Laurentia		Memoir 202		2008	Geological Society of America
Leslie	Alexander Graham	Chapter in book	Laurentian margin evolution and the Caledonian orogeny – a template for Scotland and East Greenland.	The Greenland Caledonides: Evolution of the Northeast Margin of Laurentia		Memoir 202		2008	Geological Society of America
Leslie	Alexander Graham	Chapter in book	Regional-scale lateral variation and linkage in ductile thrust architecture: the Oykel Transverse Zone, and mullions, in the Moine Nappe, NW Scotland.	Continental Tectonics and Mountain Building: the Legacy of Peach and Horne		Special publication No. 335		2010	Geological Society of London
Leslie	Alexander Graham								CONFIDENTIAL OUTPUT
Leslie	Alick Bruce	Journal article	Building stone databases in the UK : a practical resource for conservation.	Engineering Geology		115	3	2010	
Leslie	Alick Bruce	Journal article	Structure of the Culm Basin : rapid mapping of the Tiverton Sheet and the latest Variscan inversion in Devon.	Proceedings of the Ussher Society		11	4	2008	
Leslie	Alick Bruce	Journal article	Mapping of Quaternary solifluction deposits in southwest England: a tool for planners and the prediction of natural geohazards	Quaternary International		167-168		2007	
Leslie	Alick Bruce	Journal article	A short history of the use of lime as a building material beyond Europe and North America.	Journal of Architectural Heritage		6	2	2011	
Li	Xiang Y	Journal article	Seismic reservoir characterization: How can multicomponent data help?	Journal of Geophysics and Engineering		8	2	2011	
Li	Xiang Y	Journal article	Modelling and analysis of attenuation anisotropy in multi-azimuth VSP data from the Clair field	Geophysical Prospecting		55	5	2007	
Li	Xiang Y	Journal article	Frequency-dependent AVO attribute: Theory and example	First Break		30	6	2012	
Li	Xiang Y	Journal article	Fractures in sandstone reservoirs with ultra-low permeability: A case study of the upper Triassic Yanchang formation in the Ordos basin, China	AAPG Bulletin		93	4	2009	
Long	David	Journal article	Semi-automated characterisation of seabed pockmarks in the central North Sea	Near Surface Geophysics		10	4	2012	
Long	David	Journal article	Evidence for current-controlled morphology along the western slope of Hatton Bank (Rockall Plateau, NE Atlantic Ocean)	Geo-Marine Letters		30	2	2010	
Long	David	Journal article	3D seismic evidence of internal structure within Tampen Slide deposits on the North Sea Fan: are chaotic deposits that chaotic?	Journal of the Geological Society of London		167		2010	
Long	David	Journal article	Cold-water coral reef frameworks, megafaunal communities and evidence for coral carbonate mounds on the Hatton Bank, north east Atlantic	Facies		54	3	2008	
Lott	Graham K	Website content	Strategic Stone Study, England.	English Heritage county building stone atlases				2012	http://www.bgs.ac.uk/mineralsuk/mines/stones/EH_atlases.html
Lott	Graham K	Chapter in book	Chapter 10 - Jurassic.	Petroleum geological atlas of the southern Permian Basin area (SPBA)				2010	European Association of Geoscientists and Engineers
Lott	Graham K	Journal article	The use of local stone in the buildings of the Isle of Wight.	Proceedings of the Geologists' Association		122		2011	

Loughlin	Susan C	Journal article	Growth of the lava dome and extrusion rates at Soufriere Hills Volcano Montserrat, West Indies, 2005-8.	Geophysical Research Letters	L00E08	37	1	2010	
Loughlin	Susan C	Journal article	An overview of lava dome evolution, dome collapse and cyclicity at Soufriere Hills Volcano, Montserrat, 2005-2007.	Geophysical Research Letters	L00E16	37	1	2010	
Loughlin	Susan C	Journal article	Distal deposition of tephra from the Eyjafjallajökull 2010 summit eruption.	Journal of Geophysical Research		117	B6	2012	
Loughlin	Susan C	Journal article	Future developments in modelling and monitoring volcanic ash clouds: outcomes from the first IAVCEI-WMO workshop on Ash Dispersal Forecast and Civil Aviation.	Bulletin of Volcanology		74	1	2011	
Lockett	Richard Rayner	Journal article	Volcanic seismicity at Montserrat, a comparison between the 2005 dome growth episode and earlier dome growth.	Journal of Volcanology and Geothermal Research		177	4	2008	
Lockett	Richard Rayner	Journal article	Seismic monitoring of the Soufriere Hills Volcano, Montserrat.	Seismological Research Letters		78	2	2007	
Lockett	Richard Rayner	Journal article	A Tsunami Warning System for the North Atlantic	Orfeus Newsletter		8	1	2008	
Lockett	Richard Rayner	Journal article	Submarine pyroclastic deposits formed during the 20th May 2006 dome collapse of the Soufriere Hills Volcano, Montserrat	Bulletin of Volcanology		74	2	2012	
Ludden	John Nicholas	Journal article	Isotopic portrayal of the Earth's upper mantle flow field.	Nature		447		2007	
Ludden	John Nicholas	Chapter in book	Timing and duration of Palaeoproterozoic events producing ore-bearing layered intrusions of the Baltic Shield : metallogenic, petrological and geodynamic implications.	Palaeoproterozoic supercontinents and global evolution		323			Geological Society of London Special Publication
Ludden	John Nicholas	Journal article	Hf-Nd input flux in the Izu-Mariana subduction zone and recycling of subducted material in the mantle.	G - Cubed		10	1	2009	
Ludden	John Nicholas	Journal article	Sulfur isotope evidence for microbial sulfate reduction in altered oceanic basalts at ODP Site 801.	Earth and Planetary Science Letters		268		2008	
Lusty	Paul Alan James	Journal article	Atypical Gold Mineralization in an Orogenic Setting— The Bohaun Deposit, Western Irish Caledonides	Economic Geology		106	3	2011	
Lusty	Paul Alan James	Journal article	Reconnaissance-Scale Prospectivity Analysis for Gold Mineralisation in the Southern Uplands-Down-Longford Terrane, Northern Ireland	Natural Resources Research		21	3	2012	
Lusty	Paul Alan James	Journal article	Gold potential of the Dalradian rocks of northwest Northern Ireland: prospectivity analysis using Tellus data	Applied Earth Science (Trans. Inst. Min. Metall. B)		118	41002	2009	
Lusty	Paul Alan James	Website content	Rare Earth Elements Mineral Profile					2011	http://www.bgs.ac.uk/downloads/start.cfm?id=1638
MacDonald	Alan M	Journal article	Quantitative maps of groundwater resources in Africa	Environmental Research Letters	24009	7	2	2012	
MacDonald	Alan M	Journal article	Relating in situ hydraulic conductivity, particle size and relative density of superficial deposits in a heterogeneous catchment.	Journal of Hydrology		434-435	1	2012	
MacDonald	Alan M	Journal article	Water supply and health	PLoS Medicine		7	11	2010	
MacDonald	Alan M	Chapter in book	Potential impact of climate change on improved and unimproved water supplies in Africa	Sustainable Water				2011	Royal Society of Chemistry
Macdonald	David	Journal article	What impact will climate change have on rural groundwater supplies in Africa?	Hydrological Sciences Journal	690-703	54	4	2009	
Macdonald	David	Journal article	Groundwater flooding within an urbanised flood plain	Journal of Flood Risk Management		5	1	2012	
Macdonald	David	Journal article	Convergent radial tracing of viral and solute transport in Gneiss Saprolite	Ground Water		48	2	2009	

Macdonald	David	Research data sets and databases	Groundwater flooding susceptibility dataset						2010	http://www.bgs.ac.uk/products/hydrogeology/groundwaterFlooding.html
Macmillan	Susan	Research report for external body	The US/UK World Magnetic Model for 2010-2015	NOAA Technical Report NESDIS/NGDC					2010	US National Oceanographic and Atmospheric Administration
Macmillan	Susan	Journal article	Long-term trends in geomagnetic daily variation	Earth, Planets and Space	391-395	59	5		2007	
Macmillan	Susan	Journal article	Confidence Limits Associated With Values of the Earth's Magnetic Field used for Directional Drilling	SPE Drilling & Completion		25	2		2010	http://www.terrapub.co.jp/journals/EPS/pdf/2010/6210/62100737.pdf
Macmillan	Susan	Journal article	The BGS magnetic field candidate models for the 11th generation IGRF	Earth, Planets and Space		62	10		2010	
Mankelaw	Joseph M	Research report for external body	Aggregate resource alternatives: Options for future aggregate minerals supply in England.	OR/08/025					2008	Department for Environment, Food and Rural Affairs through the Aggregates Strategic Research Programme of the Aggregates Levy Sustainability Fund managed by Minerals Industry Research Organisation
Mankelaw	Joseph M	Digital or visual media	Mineral Resources Map of Northern Ireland.						2012	
Mankelaw	Joseph M	Research report for external body	Evaluation of Minerals Policy Statements.						2011	Department for Communities and Local Government.
Mankelaw	Joseph M	Conference contribution	Assessing the carbon footprint of transporting primary aggregates.	Proceedings of the 15th Extractive Industry Geology Conference.					2010	ISBN: 978 0 9552 3462 0
Mansour	Majdi	Journal article	Pumping test analysis using a layered cylindrical grid numerical model in a complex, heterogeneous Chalk Aquifer.	Journal of Hydrology		401	1-2		2011	
Mansour	Majdi	Journal article	Grid refinement in Cartesian coordinates for groundwater flow models using the divergence theorem and Taylor's series.	Ground Water		51	1		2012	
Marsh	Stuart	Journal article	Multi-decadal glacier surface lowering in the Antarctic Peninsula	Geophysical Research Letters		39	19		2012	
Marsh	Stuart	Journal article	Assessment of glacier volume change using ASTER-based surface matching of historical photography	IEEE Transactions on Geoscience and Remote Sensing		47	7		2009	
Marsh	Stuart	Journal article	A robust surface matching technique for coastal geohazard assessment and management	ISPRS Journal of Photogrammetry and Remote Sensing		63	5		2008	

Marsh	Stuart	Software	GeoVisionary version 1.1, released Spring 2012: specialist software for high-resolution visualisation of very large volumes of spatial data from multiple sources at scales from sub-continental to national to local, supporting virtual fieldwork.					2012	http://www.virtalis.com/geo-visionary/geoscience.php
Mathers	Stephen J	Software	GSI3D Software					2007-12	http://www.gsi3d.org/
Mathers	Stephen J	Edited book	Synopsis of Current Three-dimensional Geological Mapping and Modelling in Geological Survey Organisations.	Synopsis of Current Three-dimensional Geological Mapping and Modelling in Geological Survey Organisations			578	2011	Illinois State Geological Survey, Champaign, IL
Mathers	Stephen J	Chapter in book	Geology	Handbook of Geoinformatics (p. 857-886)				2012	Springer Verlag, Berlin, Heidelberg
Mathers	Stephen J	Digital or visual media	Geological Map Sheets 224 & 242 Colchester & Brightlingsea (Superficial & Bedrock).					2010	ISBN: 978-0-7518-3592-2
Maurice	Louise	Journal article	Evidence of the dependence of groundwater resources on extreme rainfall in East Africa	Nature Climate Change	1731	published online only		2012	
Maurice	Louise	Journal article	Geolocators reveal migration and pre-breeding behaviour of the critically endangered balearic shearwater <i>Puffinus mauretanicus</i>	PLoS one	e33753	7	3	2012	
Maurice	Louise	Journal article	Catchment Scale tracer testing from karstic features in a porous limestone.	Journal of Hydrology		389	1-2	2010	
Maurice	Louise	Journal article	A tracer methodology for identifying ambient flow in boreholes	Ground Water		49	2	2011	
McCormac	Michael	Research report for external body	3D modelling and characterisation (section 3.3 of report)	Progressing Scotland's CO2 storage opportunities				2011	Scottish Carbon Capture & Storage (SCCS) and Scottish Government
McCormac	Michael	Chapter in book	Chapter 5; Devonian and Chapter 6; Carboniferous	British Regional Geology; Northern England Fifth Edition				2010	British Geological Survey
McCormac	Michael								CONFIDENTIAL OUTPUT
McCormac	Michael								CONFIDENTIAL OUTPUT
McEvoy	Fiona Mary	Journal article	Aggregates in England—Economic contribution and environmental cost of indigenous supply.	Resources Policy		36	4	2011	
McEvoy	Fiona Mary	Research report for external body	A guide to mineral safeguarding in England.					2007	Department for Environment, Food and Rural Affairs
McInroy	David Burns	Conference contribution	Proceedings of the Integrated Ocean Drilling Program Volume 313 Expedition Reports NEW JERSEY SHALLOW SHELF. Expedition 313 of the mission-specific drilling platform from and to Atlantic City, New Jersey (USA) Sites M0027–M0029 20 April 2009	Proceedings of the Integrated Ocean Drilling Program		313		2010	

McInroy	David Burns	Conference contribution	Proceedings of the Integrated Ocean Drilling Program Volume 310 Expedition Reports TAHITI SEA LEVEL Expedition 310 of the mission-specific drilling platform from and to Papeete, Tahiti, French Polynesia Sites M0005–M0026 6 October–16 November 2005	Proceedings of the Integrated Ocean Drilling Program		310		2007	
McInroy	David Burns	Journal article	IODP Expedition 310 reconstructs sea level, climatic, and environmental changes in the South Pacific during the last deglaciation	Scientific Drilling		5		2007	
McInroy	David Burns	Journal article	The New Jersey margin scientific drilling project (IODP Expedition 313): <u>untangling the record of global and local sea-level changes.</u>	Scientific Drilling		10			
Meldrum	Philip	Journal article	High-resolution electrical resistivity tomography monitoring of a tracer test in a confined aquifer	Journal of Applied Geophysics		70	4	2010	
Meldrum	Philip	Journal article	Automated monitoring of coastal aquifers with electrical resistivity tomography	Near Surface Geophysics		7	5-6	2009	
Meldrum	Philip	Journal article	Measurement and inversion schemes for single borehole-to-surface electrical resistivity tomography surveys	Journal of Geophysics and Engineering		8	4	2011	
Meldrum	Philip	Patent	Systems and methods for resistivity measurement					2009	United States Patent 7492168
Merritt	Jonathan	Journal article	Timing of glacier response to Younger Dryas climatic cooling in Scotland	Global and Planetary Change		79		2010	
Merritt	Jonathan	Journal article	Glaciodynamics of the central sector of the last British–Irish Ice Sheet in Northern England	Quaternary Science Reviews		111		2012	
Merritt	Jonathan	Journal article	A new Quaternary and Neogene Lithostratigraphical Framework for Great Britain and the Isle of Man	Proceedings of the Geologists' Association		123	5	2012	
Merritt	Jonathan	Journal article	Evidence for multiphase water-escape during rafting of shelly marine sediments at Clava, Inverness-shire, NE Scotland	Quaternary Science Reviews		27		2008	
Millar	Ian L	Journal article	Combined U-Pb geochronology and Hf isotope geochemistry of detrital zircons from Early Palaeozoic sediments, Ellsworth Whitmore Mountains Block, Antarctica	Bulletin of the Geological Society of America		119	3	2007	
Millar	Ian L	Journal article	The magma source at Mount Etna volcano: perspectives from the Hf isotope composition of historic and recent lavas.	Chemical Geology		281	3-4	2011	
Millar	Ian L	Journal article	Geochronology, geochemistry and petrogenesis of rhyodacite lavas in eastern Jamaica: A new adakite subgroup analogous to early Archaean continental crust?	Chemical Geology		276	3-4	2010	
Millar	Ian L	Journal article	Do Cenozoic analogues support a plate tectonic origin for the Earth's earliest continental crust?	Geology		38	6	2010	
Millward	David	Journal article	Key factors controlling graphite deposition in volcanic settings: an example of a self-organized critical system	Journal of the Geological Society of London		169	3	2012	
Millward	David	Journal article	The graphite deposit at Borrowdale (UK): a catastrophic mineralising event associated with Ordovician magmatism.	Geochimica et Cosmochimica Acta		74	8	2010	
Millward	David	Journal article	Graphite morphologies from the Borrowdale deposit (NW England, UK): Raman and SIMS data.	Contributions to Mineralogy and petrology		158	1	2009	
Millward	David	Journal article	Palaeoecological and possible evolutionary effects of early Namurian (Serpukhovian, Carboniferous) glacioeustatic cyclicity.	Journal of the Geological Society of London		165	6	2008	
Milodowski	Antoni E	Research report for external body	Cyprus Natural Analogue Project (CNAP). Phase III Final Report. , 290pp.	Posiva Working Report	2011-77			2011	Posiva Oy.

Milodowski	Antoni E	Journal article	A natural analogue study of CO ₂ -cement interaction: Carbonation of calcium silicate hydrate-bearing rocks from Northern Ireland	Energy Procedia	pp 5235-5242	4	GHGT-10	2011	
Milodowski	Antoni E	Research report for external body	Mineralogical investigations of the interaction between iron corrosion products and bentonite from the NF-PRO Experiments (Phase 1). 56pp.					2009	Svensk Kärnbränslehantering AB (SKB)
Milodowski	Antoni E	Research report for external body	The Analogue Cement Zone					2011	Nuclear Decommissioning Authority (NDA)
Molyneux	Stewart G	Journal article	Acritarch (marine microphytoplankton) diversity in an Early Ordovician deep-water setting (the Skiddaw Group, northern England): implications for the relationship between sea-level change and phytoplankton diversity.	Palaeogeography, Palaeoclimatology, Palaeoecology		275	1-4	2009	
Molyneux	Stewart G	Journal article	A revised sedimentary and biostratigraphical architecture for the Type Llandovery area, Central Wales.	Geological Magazine		published online		2012	
Molyneux	Stewart G	Chapter in book	The Eo-Cimmerian (Late? Triassic) orogeny in North Iran.	South Caspian to Central Iran Basins				2009	The Geological Society
Molyneux	Stewart G	Authored book	A revised correlation of the Cambrian rocks in the British Isles.					2011	Geological Society of London Special Report
Monaghan	Alison A	Journal article	Static and Dynamic Estimates of CO ₂ -Storage Capacity in Two Saline Formations in the UK.	SPE Journal	SPE-131609-PA	17	4	2012	
Monaghan	Alison A	Journal article	Controls on Structural Styles, Basin Development and Petroleum Prospectivity in the Midland Valley of Scotland.	Marine and Petroleum Geology		25	10	2008	
Musson	Roger M W	Journal article	PSHA validated by quasi observational means.	Seismological Research Letters		83	1	2012	
Musson	Roger M W	Journal article	Objective assessment of source models for seismic hazard studies : with a worked example from UK data.	Bulletin of Earthquake Engineering		10	2	2012	
Musson	Roger M W	Journal article	The comparison of macroseismic intensity scales	Journal of Seismology		14	2	2010	
Musson	Roger M W	Journal article	Ground motion and probabilistic hazard.	Bulletin of Earthquake Engineering		7	3	2009	
Naden	Jonathan	Journal article	Lithological mapping of the Troodos ophiolite, Cyprus, using airborne LiDAR topographic data	Remote Sensing of Environment		114	4	2010	
Naden	Jonathan	Journal article	Numerical model to determine the composition of H ₂ O-NaCl-CaCl ₂ fluid inclusions based on microthermometric and microanalytical data	Geochimica et Cosmochimica Acta		75	1	2011	
Naden	Jonathan	Journal article	The petrogenesis of sodic island arc magmas at Savo volcano, Solomon Islands	Contributions to Mineralogy and Petrology		158	6	2009	
Naden	Jonathan	Journal article	Integrating airborne multispectral imagery and airborne LiDAR data for enhanced lithological mapping in vegetated terrain	Remote Sensing of Environment		115	1	2011	
Newell	Andrew J	Journal article	Calcretes, fluviolacustrine sediments and subsidence patterns in Permo-Triassic salt-walled minibasins of the south Urals, Russia	Sedimentology		59	5	2012	
Newell	Andrew J	Journal article	Preservation of exceptional vertebrate assemblages in Middle Permian fluviolacustrine mudstones of Kotel'nich, Russia: stratigraphy, sedimentology, and taphonomy.	Palaeogeography, Palaeoclimatology, Palaeoecology		319-320	1	2012	
Newell	Andrew J	Journal article	Some relationships between lithology, basin form and hydrology: a case study from the Thames basin, UK	Hydrological Processes		25	16	2011	
Newell	Andrew J	Journal article	Disruption of playa-lacustrine depositional systems at the Permo-Triassic boundary: evidence from Vyazniki and Gorokhovets on the Russian Platform	Journal of the Geological Society of London		167	4	2010	
Noble	Stephen R	Journal article	²³⁸ U/ ²³⁵ U systematics in terrestrial U-bearing minerals	Science		335	1610	2012	

Noble	Stephen R	Journal article	A high-precision U-Pb age constraint on the Rhynie Chert Konservat-Lagerstätte: time scale and other implications	Journal of the Geological Society of London		168		2011	
Noble	Stephen R	Journal article	Isotopic composition ($^{238}\text{U}/^{235}\text{U}$) of some commonly used uranium reference materials.	Geochimica et Cosmochimica Acta		74		2011	
Noble	Stephen R	Journal article	Evolving Pb isotope signatures of London Airborne Particulate Matter (PM10) - constraints from on-filter and solution-mode MC-ICP-MS.	Journal of Environmental Monitoring		10		2008	
Northmore	Kevin J	Journal article	On-Site Characterisation of Loessic Brickearth Deposits at Ospringe, Kent, UK	Proceedings of the ICE - Geotechnical Engineering		161	GE1	2008	
Northmore	Kevin J	Journal article	Methodology for creating national engineering geological maps of the UK	Quarterly Journal of Engineering Geology and Hydrogeology		45	3	2012	
Noy	David J	Journal article	Modelling large-scale carbon dioxide injection into the Bunter Sandstone in the UK Southern North Sea.	International Journal of Greenhouse Gas Control		9		2012	
Noy	David J	Journal article	Large scale gas injection test (Lasgit): Results from two gas injection tests	Physics and Chemistry of the Earth		36	17	2011	
Noy	David J	Chapter in book	Laboratory study of gas and water flow in the Nordland Shale, Sleipner, North Sea	AAPG Studies in Geology: Carbon dioxide sequestration in geological media – State of the science		59		2009	American Association of Petroleum Geologists
Noy	David J	Journal article	Swelling and osmotic flow in a potential host rock	Physics and Chemistry of the Earth		32		2007	
O Dochartaigh	Brighid E	Journal article	Determining groundwater degradation from irrigation in a desert-marginal area of northern China	Hydrogeology Journal		18	8	2010	
O Dochartaigh	Brighid E	Journal article	Mapping groundwater development costs for the transboundary Western Aquifer Basin, Palestine/Israel.	Hydrogeology Journal		17		2009	
O Dochartaigh	Brighid E	Journal article	Assessing the effectiveness of Scotland's groundwater nitrate monitoring network.	Quarterly Journal of Engineering Geology and Hydrogeology		40	4	2007	
O Dochartaigh	Brighid E	Research data sets and databases	Groundwater vulnerability map/dataset of Scotland, accompanied by report describing the development of the dataset and a guide for users					2011	http://nora.nerc.ac.uk/17084/1/OR11064.pdf
Palumbo-Roe	Barbara	Journal article	Lead mobilisation in the hyporheic zone and river bank sediments of a contaminated stream : contribution to diffuse pollution.	Journal of Soils and Sediments		12	10	2012	
Palumbo-Roe	Barbara	Journal article	Impact of gut passage and mucus secretion by the earthworm Lumbricus terrestris on mobility and speciation of arsenic in contaminated soil.	Journal of Hazardous Materials		197	1	2011	
Palumbo-Roe	Barbara	Journal article	Impact of the earthworm Lumbricus terrestris (L.) on As, Cu, Pb and Zn mobility and speciation in contaminated soils.	Environmental Pollution		159	3	2011	
Palumbo-Roe	Barbara	Journal article	Synoptic monitoring as an approach to discriminating between point and diffuse source contributions to zinc loads in mining impacted catchments.	Journal of Environmental Monitoring		12	9	2010	
Parrish	Randall	Journal article	Depleted uranium contamination by inhalation exposure and its detection after >25 years: implications for health assessment.	Science of the Total Environment		390		2008	
Parrish	Randall	Journal article	Mountain uplift and the glaciation of North America : a sensitivity study	Climates of the Past		6	5	2010	
Parrish	Randall	Journal article	Precise and accurate isotopic analysis of microscopic uranium-oxide grains using LA-MC-ICP-MS	Journal of Analytical Atomic Spectroscopy		24		2009	
Parrish	Randall	Journal article	The distribution of depleted uranium contamination in Colonie, NY, USA	Science of the Total Environment		408	2	2009	

Peach	Denis	Journal article	Flood Risk from Groundwater: Examples from a Chalk catchment in Southern England	Journal of Flood Risk Management		4	3	2011	
Peach	Denis	Journal article	Nitrate transport in Chalk catchments: Monitoring, Modelling and Policy implications	Environmental Science and Policy		11	2	2007	
Peach	Denis	Journal article	Characterising Groundwater-dominated lowland catchments: the UK Lowland Catchment Research Programme (LOCAR)	Hydrology and Earth System Sciences		11	1	2007	
Pearce	Jonathan M	Journal article	The application of remote-sensing techniques to monitor CO ₂ -storage sites for surface leakage: Method development and testing at Laterra (Italy) where naturally produced CO ₂ is leaking to the atmosphere	International Journal of Greenhouse Gas Control		2	3	2008	
Pearce	Jonathan M	Journal article	Chemistry of fluids from a natural analogue for a geological CO ₂ storage site (Montmiral, France): Lessons for CO ₂ -water-rock interaction assessment and monitoring	Applied Geochemistry		22	12	2007	
Pearce	Jonathan M	Journal article	Natural emissions of CO ₂ from the geosphere and their bearing on the geological storage of carbon dioxide	Energy		32	7	2007	
Pearce	Jonathan M	Journal article	Performance assessments for the geological storage of carbon dioxide: Learning from the radioactive waste disposal experience	International Journal of Greenhouse Gas Control		1	4	2007	
Pharaoh	Timothy C	Chapter in book	Petroleum Geological Atlas of the Southern Permian Basin Chapter 3 Tectonic Evolution	Petroleum Geological Atlas of the Southern Permian Basin				2010	EAGE
Pharaoh	Timothy C	Journal article	40Ar/39Ar constraints on the age of deformational fabrics in Charnwood Forest	Geological Magazine		145	5	2008	
Pharaoh	Timothy C	Chapter in book	Chapter 11: Variscan Tectonics	Geology of Central Europe				2008	Geological Society
Pharaoh	Timothy C	Chapter in book	Evidence of late Neoproterozoic glaciation in the Caledonides of NW Scandinavia	The Geological Record of Neoproterozoic Glaciations (Memoir)		36		2011	Geological Society
Phillips	Emrys R	Journal article	Micromorphological evidence for subglacial multiphase sedimentation and deformation during overpressurized fluid flow associated with hydrofracturing.	Boreas	published online			2012	
Phillips	Emrys R	Journal article	A new 'microstructural mapping' methodology for the identification and analysis of microfabrics within glacial sediments.	Quaternary Science Reviews		30	19-20	2010	
Phillips	Emrys R	Journal article	Progressive proglacial to subglacial deformation and syntectonic sedimentation at the margins of the Mid-Pleistocene British ice sheet: evidence from north Norfolk, UK.	Quaternary Science Reviews		27	19-20	2008	
Phillips	Emrys R	Journal article	Bedrock controls on subglacial landform distribution and geomorphological processes: Evidence from the Late Devensian Irish Sea Ice Stream.	Sedimentary Geology		232		2010	
Pitfield	Peter E J	Authored book	Mineral Information and Statistics for the BRIC countries.					2010	British Geological Survey
Pitfield	Peter E J	Authored book	Tungsten profile.					2011	BGS MineralsUK
Pitfield	Peter E J	Journal article	Provenance and tectonic significance of the Paleoproterozoic metasedimentary successions of central and northern Madagascar	Precambrian Research		189	1-2	2011	
Pitfield	Peter E J	Journal article	Geochemical signatures of stream sediments within the main geological domains and terranes of North and Central Madagascar	Applied Earth Science (Transactions of the Institution of Mining and Metallurgy B)		120	2	2012	

Powell	John H	Research report for external body	Managing Radioactive Waste Safely: Initial Geological Unsuitability Screening of west Cumbria.		CR/10/072 N			2010	West Cumbria Manageing Radioactive Waste Safely Partnership and Department of Energy and Climate Change
Powell	John H	Journal article	Jurassic sedimentation in the Cleveland Basin: a review.	Proceedings of the Yorkshire Geological Society		58	1	2010	
Powell	John H	Journal article	Evolution of Cretaceous to Eocene alluvial and carbonate platform sequences in central and south Jordan	GeoArabia - Gulf PetroLink		16	4	2011	
Powell	John H	Journal article	Are we now living in the Anthropocene?	GSA Today		18	2	2008	
Price	Simon James	Journal article	Humans as major geological and geomorphological agents in the Anthropocene: the significance of artificial ground in Great Britain	Philosophical Transactions Of The Royal Society A: Mathematical, Physical And Engineering Sciences		369	1938	2011	
Price	Simon James	Journal article	A proposed decision-making framework for a national infiltration SuDS map	Management of Environmental Quality		23	5	2012	
Price	Simon James								CONFIDENTIAL OUTPUT
Price	Simon James								CONFIDENTIAL OUTPUT
Quinn	Martyn F	Chapter in book	Permian and Triassic	Geology of the Faroe-Shetland Basin and adjacent areas				2011	BGS/Jardfeingi
Quinn	Martyn F	Chapter in book	Petroleum geology	Geology of the Faroe-Shetland Basin and adjacent areas				2011	BGS/Jardfeingi
Quinn	Martyn F	Authored book	Opportunities for CO ₂ Storage around Scotland - an integrated research study					2009	Scottish Centre for Carbon Storage
Quinn	Martyn F	Chapter in book	Petroleum and natural gas	United Kingdom Minerals Yearbook 2009				2010	BGS
Rawlins	Barry G	Journal article	Landscape-scale controls on the spatial distribution of caesium 137: A study based on an airborne geophysical survey across Northern Ireland	Earth Surface Processes and Landforms		36	2	2011	
Rawlins	Barry G	Journal article	Sampling and analytical plus subsampling variance components for five soil indicators observed at regional scale	European Journal of Soil Science		60	5	2009	
Rawlins	Barry G	Journal article	Airborne radiometric survey data and a DTM as covariates for regional scale mapping of soil organic carbon across Northern Ireland	European Journal of Soil Science		60	1	2009	
Rawlins	Barry G	Journal article	Controls on the phosphorus content of fine stream bed sediments in agricultural headwater catchments at the landscape-scale	Agriculture, Ecosystems & Environment		144	1	2011	
Rees	John G	Journal article	Integrated analysis of risks of coastal flooding and cliff erosion under scenarios of long term change	Climatic Change		95	1-2	2009	
Rees	John G	Journal article	Millennial to annual volume changes in the Humber Estuary.	Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences		463	2079	2007	
Reeves	Helen Jane	Chapter in book	The modelling and visualisation of digital geoscientific data as an aid to land-use planning in the urban environment, an example from the Thames Gateway	Communicating Environmental Geoscience, Special Publication		305		2008	Geological Society of London
Reeves	Helen Jane	Journal article	The 3D characterisation of the zone of human interaction and the sustainable use of underground space in urban and peri-urban environments: case studies from the UK.	Zeitschrift der Deutschen Gesellschaft fur Geowissenschaften		161	2	2010	

Richards	Philip C	Journal article	Rotation of the Falklands microplate after recognition of discrete Jurassic and Cretaceous dyke swarms	Petroleum Geoscience		15	3	2009	
Richards	Philip C	Journal article	Cretaceous dykes discovered in the Falkland Islands: implications for regional tectonics in the South Atlantic	Journal of the Geological Society of London		165		2008	
Richards	Philip C	Journal article	The three dimensional lithospheric structure of the Falkland Plateau region based on gravity modelling	Journal of the Geological Society of London		165		2008	
Richards	Philip C	Website content	www.falklands-oil.com						www.falklands-oil.com
Riding	James B	Journal article	Polar record of Early Jurassic massive carbon injection.	Earth and Planetary Science Letters	12	312	1-2	2011	
Riding	James B	Journal article	A Tortonian (Late Miocene, 11.61-7.25 Ma) global vegetation reconstruction.	Palaeogeography, Palaeoclimatology, Palaeoecology		300	1-4	2011	
Riding	James B	Journal article	A review of the chronostratigraphical ages of Middle Triassic to Late Jurassic dinoflagellate cyst biozones of the North West Shelf of Australia.	Review of Palaeobotany and Palynology		162	4	2010	
Riding	James B	Journal article	Global vegetation dynamics and latitudinal temperature gradients during the Mid to Late Miocene (15.97-5.33 Ma).	Earth-Science Reviews		112	1-2	2012	
Ritchie	James D	Edited book	Geology of the Faroe-Shetland Basin and adjacent areas.	Geology of the Faroe-Shetland Basin and adjacent areas.				2011	British Geological Survey, Keyworth, Nottingham and Jarðfeingi, Torshavn, Faroe Islands
Ritchie	James D	Chapter in book	Structure	Geology of the Faroe-Shetland Basin and adjacent areas.				2011	British Geological Survey, Keyworth, Nottingham and Jarðfeingi, Torshavn, Faroe Islands
Ritchie	James D	Chapter in book	Jurassic	Geology of the Faroe-Shetland Basin and adjacent areas.				2011	British Geological Survey, Keyworth, Nottingham and Jarðfeingi, Torshavn, Faroe Islands
Ritchie	James D	Chapter in book	Pre-Devonian	Geology of the Faroe-Shetland Basin and adjacent areas.				2011	British Geological Survey, Keyworth, Nottingham and Jarðfeingi, Torshavn, Faroe Islands
Robins	Nicholas S	Journal article	Adapting existing experience with aquifer vulnerability and groundwater protection for Africa.	Journal of African Earth Sciences		47	1	2007	
Robins	Nicholas S	Journal article	Ecohydrological 'Indicators of alteration' - a robust measure of change in dune slacks.	Ecohydrology		n/a	n/a	2012	
Robins	Nicholas S	Journal article	Groundwater flow in the Antrim Lava Group and Ulster White Limestone Formation, Northern Ireland	Quarterly Journal of Engineering Geology and Hydrogeology		44	1	2011	
Rochelle	Christopher A	Research report for external body	Gas hydrate stability in the vicinity of a deep geological repository for radioactive wastes: A scoping study. By: C.A. Rochelle and D. Long.			OR/08/073 (24p)		2008	British Geological Survey

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Rochelle	Christopher A	Chapter in book	Subsurface characterization and geological monitoring of the CO2 injection operation at Weyburn, Saskatchewan, Canada	Underground gas storage: Worldwide experiences and future development in the UK and Europe (Geological Society Special Publication)		313 (p225-254)		2009	Geological Society
Rochelle	Christopher A	Chapter in book	Mapping hydrate stability zones offshore Scotland	Sediment-hosted gas hydrates: new insights on natural and synthetic systems (Geological Society Special Publication)		319 (p81-91)		2009	Geological Society
Rochelle	Christopher A	Chapter in book	Can CO2 hydrate assist in the underground storage of carbon dioxide?	Sediment-hosted gas hydrates: new insights on natural and synthetic systems (Geological Society Special Publication)		319 (p171-183)		2009	Geological Society
Royse	Katherine R	Journal article	Geology of London, UK	Proceedings of the Geologists' Association		123	1	2012	
Royse	Katherine R	Journal article	The use of 3D geological models in the development of the conceptual groundwater model	Zeitschrift der Deutschen Gesellschaft für Geowissenschaften		161	2	2011	
Royse	Katherine R	Journal article	Combining numerical and cognitive 3D modelling approaches in order to determine the structure of the Chalk in the London Basin	Computers and Geosciences		36	4	2010	
Royse	Katherine R	Journal article	Chalk : its stratigraphy, structure and engineering geology in east London and the Thames Gateway	Quarterly Journal of Engineering Geology and Hydrogeology		44	4	2011	
Rushton	Jeremy Clive	Research report for external body	Cyprus Natural Analogue Project (CNAP). Phase III final report.	Possiva Working Report	2011-77			2012	Possiva OY
Rushton	Jeremy Clive	Journal article	Characterisation of Mine Waste: a case study of Frongoch Tailings. (A892)	Geochimica et Cosmochimica Acta		74	11 Sup 1	2010	
Rushton	Jeremy Clive								CONFIDENTIAL OUTPUT
Rushton	Jeremy Clive								CONFIDENTIAL OUTPUT
Sargeant	Susanne Lucy	Journal article	Lg wave attenuation in Britain.	Geophysical Journal International		179	3	2009	
Sargeant	Susanne Lucy	Journal article	Ground-motion difference between two moderate-size intraplate earthquakes in the United Kingdom.	Bulletin of the Seismological Society of America		100	4	2010	
Sargeant	Susanne Lucy	Journal article	Observations from the Folkestone, UK, earthquake of 28 April 2007.	Seismological Research Letters		79	5	2008	
Schofield	David I	Journal article	U-Pb dating and Sm-Nd isotopic analysis of granitic rocks from the Tiris Complex: New constraints on key events in the evolution of the Reguibat Shield, Mauritania.	Precambrian Research		204-205		2012	
Schofield	David I	Journal article	Cambrian successions of the Meguma Terrane, Nova Scotia, and Harlech Dome, North Wales: Dispersed fragments of a peri-Gondwanan basin?	Journal of the Geological Society of London		168	1	2011	
Schofield	David I	Journal article	Geological evolution of the Antongil Craton, NE Madagascar	Precambrian Research		182	3	2010	
Schofield	David I	Journal article	New U-Pb and Rb-Sr constraints on pre-Acadian tectonism in North Wales	Journal of the Geological Society of London		165	5	2008	

Shaw	Richard P	Journal article	The Present and future use of 'land' below ground	Journal of Land Use Policy	15 pp S302 to S316	265		2009	
Shaw	Richard P	Journal article	The Kayelekera uranium deposit, northern Malawi : past exploration activities, economic geology and decay series disequilibrium	Transactions of the Institution of Mining and Metallurgy Section B Applied Earth Science	pp55-67	116	2	2007	
Shaw	Richard P	Research report for external body	Interpretation and Modelling: Geology, to support the development of an Integrated Site Descriptive Model					2011	Nuclear Decommissioning Authority (NDA)
Shaw	Richard P	Journal article	The Cressbrook Dale Lava and Litton Tuff, between Longstone and Hucklow Edges, Derbyshire	Mercian Geologist		17	4	2011	
Smedley	Pauline	Journal article	A survey of the inorganic chemistry of bottled mineral waters from the British Isles	Applied Geochemistry		25	12	2010	
Smedley	Pauline	Research report for external body	Molybdenum in British drinking water: a review of sources and occurrence and a reconnaissance survey of concentrations	OR/08/051				2008	British Geological Survey
Smedley	Pauline	Journal article	Arsenic in groundwater from mineralised Proterozoic basement rocks of Burkina Faso	Applied Geochemistry		22	5	2007	
Smedley	Pauline	Chapter in book	Arsenic in groundwater and sediments from La Pampa Province, Argentina	Natural Arsenic in Groundwaters of Latin America				2008	CRC Press
Smith	Kevin	Journal article	The Fasadale Fault: A tectonic link between the Cenozoic volcanic centres of Rum and Ardnamurchan, Scotland, revealed by multibeam survey	Scottish Journal of Geology		48		2012	
Smith	Kevin	Chapter in book	The search for a Carboniferous petroleum system beneath the Central North sea	Petroleum Geology: From Mature Basins to New Frontiers - Proceedings of the 7th Petroleum Geology Conference				2010	Geological Society
Smith	Kevin	Conference contribution	Enhancing the prospectivity of the Wyville Thomson Ridge	Proceedings of the 2nd Faroese Exploration Conference.				2009	ISBN: 978-99918-65-24-9
Smith	Kevin	Chapter in book	Zechstein	Petroleum Geological Atlas of the Southern Permian Basin Area				2010	European Association of Geoscientists and Engineers (EAGE)
Smith	Martin	Edited book	CO2 aquifer storage site evaluation and monitoring: understanding the challenges of CO2 storage: results of the CASSEM project					2011	Scottish Carbon Capture and Storage
Smith	Martin	Digital or visual media	Nairn 84E Scotland Sheet 84E Bedrock. 1: 50 000 Geology Series.					2012	ISBN: 978-0-7518-3631-8
Smith	Nigel J P	Chapter in book	UK data and analysis for shale gas prospectivity.	Petroleum Geology: from mature basins to new frontiers – Proceedings of the 7th Petroleum Geology Conference		7		2011	Geological Society
Smith	Nigel J P	Research report for external body	The unconventional hydrocarbon resources of Britain's onshore basins - shale gas.					2010	DECC
Smith	Nigel J P	Research report for external body	The unconventional hydrocarbon resources of Britain's onshore basins- coalbed methane.					2010	DECC

Smith	Nigel J P	Research report for external body	Commons Select Committee Call for evidence on the 'Impact of Shale Gas on Energy Markets'	Impact of Shale Gas on Energy markets					2012	House of Commons
Stephenson	Michael H	Journal article	Northern England Serpukhovian (early Namurian) farfield responses to southern hemisphere glaciation	Journal of the Geological Society of London		167	6		2010	
Stephenson	Michael H	Journal article	Crustaceans from bitumen clast in Carboniferous glacial diamictite extend fossil record of copepods	Nature Communications		1	50		2010	
Stephenson	Michael H	Journal article	Abrupt environmental and climatic change during the deposition of the Early Permian Haushi limestone, Oman	Palaeogeography, Palaeoclimatology, Palaeoecology		270			2008	
Stephenson	Michael H	Journal article	Correlation of the Al Khlat Formation in the Mukhaizna field, Oman, based on a new downhole, cuttings-based palynostratigraphic biozonation	GeoArabia		13	3		2008	
Stevenson	Alan G	Edited book	Petroleum Geological Atlas of the Southern Permian Basin area.	Petroleum Geological Atlas of the Southern Permian Basin area.					2010	European Association of Geoscientists and Engineers (EAGE)
Stevenson	Alan G	Journal article	The northern sector of the last British Ice Sheet: maximum extent and demise	Earth-Science Reviews		88			2008	
Stevenson	Alan G	Website content	Marine Environmental Mapping Programme website						2012	www.maremap.ac.uk
Stevenson	Alan G	Website content	EMODNET geological maps of NW European seas						2011	http://onegeology-europe.brgm.fr/geoportal/viewer.jsp
Stewart	Heather Ann	Journal article	The timing and significance of gully incision on the eastern flank of the Faroe-Shetland Channel and its impact on seafloor infrastructure.	Near Surface Geophysics		10	4		2012	
Stewart	Heather Ann	Journal article	When the species is also a habitat : comparing the predictively modelled distributions of Lophelia pertusa and the reef habitat it forms.	Biological Conservation		144	11		2011	
Stewart	Heather Ann	Research report for external body	Understanding the marine environment - seabed habitat investigations of the Dogger Bank offshore draft SAC	JNCC 429					2009	Joint Nature Conservation Committee
Stewart	Heather Ann	Journal article	Spatial prediction of seabed sediment texture classes by cokriging from a legacy database of point observations	Sedimentary Geology		281	15		2012	
Stoker	Martyn S	Journal article	Eocene post-rift tectonostratigraphy of the Rockall Plateau, Atlantic margin of NW Britain: Linking early spreading tectonics and passive margin response.	Marine and Petroleum Geology		30	1		2012	
Stoker	Martyn S	Journal article	Cenozoic post-rift sedimentation off Northwest Britain: Recording the detritus of episodic uplift on a passive continental margin.	Geology		38	7		2010	
Stoker	Martyn S	Journal article	Lateglacial ice-cap dynamics in NW Scotland: evidence from the fjords of the Summer Isles region	Quaternary Science Reviews		28			2009	
Stoker	Martyn S	Journal article	Lateglacial-Holocene shoreface progradation offshore eastern Scotland: a response to climatic and coastal hydrographic change	Boreas		38			2009	
Stuart	Marianne E	Journal article	Screening for long-term trends in groundwater nitrate monitoring data	Quarterly Journal of Engineering Geology and Hydrogeology		40	4		2007	
Stuart	Marianne E	Journal article	Groundwater residence time and movement in the Maltese islands : a geochemical approach	Applied Geochemistry		25	5		2010	
Stuart	Marianne E	Journal article	An isotope study of the sources of nitrate in Malta's groundwater	Journal of Hydrology		414-415	11		2012	

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Stuart	Marianne E	Journal article	Prediction of the arrival of peak nitrate concentrations at the water table at the regional scale in Great Britain	Hydrological Processes		26	2	2012	
Styles	Michael T	Journal article	Silicified serpentinite - a residuum of a Tertiary paleo-weathering surface in the United Arab Emirates.	Geological Magazine	published online only			2012	
Styles	Michael T	Journal article	Architecture of the Oman–UAE ophiolite: evidence for a multi-phase magmatic history	Arabian Journal of Geoscience		3	4	2010	
Styles	Michael T	Journal article	Tectonic discrimination of peridotites using fO ₂ -Cr# diagram Ga-Ti-Fe ³⁺ systematics in chrome-spinel	Chemical Geology		261	3	2009	
Styles	Michael T	Journal article	The identification and testing of a method for mercury-free gold processing for artisanal and small-scale gold miners in Ghana	International Journal of Environment and Pollution		41	3	2010	
Tappin	David R	Journal article	Coastal changes from the impact of the 2011 Tōhoku-oki tsunami in the Sendai area: interpretations of time series satellite images and videos.	Sedimentary Geology				2012	
Tappin	David R	Journal article	Submarine Mass Failures as tsunami sources - their climate control.	Philosophical Transactions Of The Royal Society A: Mathematical, Physical And Engineering Sciences		368	1919	2010	
Tappin	David R	Chapter in book	Mass Transport Events and Their Tsunami Hazard	Submarine Mass Movements and Their Consequences				2010	Springer Science
Tappin	David R	Journal article	The Papua New Guinea tsunami, 1998: anatomy of a catastrophic event, Natural Hazards and Earth System Science	Natural Hazards and Earth System Science		8		2008	
Thomas	Christopher W	Journal article	Lithostratigraphy, sedimentation and evolution of the Volta Basin in Ghana.	Precambrian Research		183	4	2010	
Thomas	Christopher W	Journal article	A composite C-isotope profile for the Neoproterozoic Dalradian Supergroup of Scotland and Ireland	Journal of the Geological Society of London		166	5	2009	
Thomas	Robert James	Journal article	Post-collisional high-grade metamorphism, orogenic collapse and differential cooling in NE Mozambique	The Journal of Geology		120	5	2012	
Thomas	Robert James	Journal article	The Mecubúri and Alto Benfica Groups, NE Mozambique: aids to unravelling ca.1 Ga and 0.5 Ga events in the East African Orogen	Precambrian Research		178		2010	
Thomas	Robert James	Journal article	Geological Evolution of the Neoproterozoic Bemarivo Belt, northern Madagascar	Precambrian Research		172		2009	
Thomas	Robert James								CONFIDENTIAL OUTPUT
Thomson	Alan W P	Journal article	Present day challenges in understanding the geomagnetic hazard to national power grids	Advances in Space Research		45	9	2010	
Thomson	Alan W P	Journal article	A Novel Weighting Method for Satellite Magnetic Data and a New Global Magnetic Field Model	Geophysical Journal International		181	1	2010	
Thomson	Alan W P	Journal article	An improved geomagnetic data selection algorithm for global geomagnetic field modelling	Geophysical Journal International		169	3	2007	
Thomson	Alan W P	Journal article	Quantifying extreme behaviour in geomagnetic activity	Space Weather	S10001	9	10	2011	
Tye	Andrew Mark	Journal article	The role of peri-glacial active layer development in determining soil-regolith thickness across a Triassic sandstone outcrop in the UK	Earth Surface Processes and Landforms		37	9	2012	
Vane	Christopher Howard	Journal article	Polycyclic aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs) in sediments from the Mersey Estuary, U.K.	Science of the Total Environment		374	1	2007	
Vane	Christopher Howard	Journal article	Stable carbon isotopes as sea-level indicators in salt marshes, North Carolina, USA	The Holocene		20	4	2010	
Vane	Christopher Howard	Journal article	Sedimentary record of sewage pollution using faecal markers in contrasting peri-urban shallow lakes	Science of the Total Environment		409	2	2010	

Vane	Christopher Howard	Journal article	Chemical Signatures of the Anthropocene in the Clyde Estuary, UK: Sediment hosted Pb, 207/206Pb, total petroleum hydrocarbon, Polyaromatic Hydrocarbon (PAH) and Polychlorinated Biphenyl (PCB) Pollution Records	Philosophical Transactions Of The Royal Society A: Mathematical, Physical And Engineering Sciences		369	1938	2011	
Vincent	Ceri Jayne	Research report for external body	A Regional Assessment of the Potential for CO2 storage in the Indian Subcontinent.	IEA GHG R&D Programme Report No. 2008/2, May 2008.				2008	IEA Greenhouse Gas R&D Programme
Vincent	Ceri Jayne	Journal article	Thermal and burial history modelling in the Midlothian-Leven Syncline in the Midland Valley of Scotland using BasinMod and HotPot.	Scottish Journal of Geology		46	2	2010	
Vincent	Ceri Jayne	Journal article	A geological storage option for CO2 in the Bohaiwan Basin, East China?	Energy Procedia		4		2011	
Ward	Robert S	Journal article	A parameter sensitivity analysis of two Chalk tracer test	Quarterly Journal of Engineering Geology and Hydrogeology		42	2	2009	
Ward	Robert S	Chapter in book	Groundwater Monitoring in the Policy Context	Groundwater Science and Policy: An International Overview				2008	Royal Society of Chemistry
Ward	Robert S	Other	WFD CIS Guidance Document No. 18 - Guidance on Groundwater Status and Trend Assessment. Common Implementation Strategy for the Water Framework Directive (2000/60/EC)					2009	https://circabc.europa.eu/sd/a/ff303ad4-8783-43d3-989a-55b65ca03afc/Guidance_document_N%C2%B018.pdf
Ward	Robert S	Journal article	Report on EU guidance on groundwater monitoring developed under the common implementation strategy of the water framework directive	Journal of Environmental Monitoring		9	11	2007	
Waters	Colin N	Journal article	Nature and timing of Late Mississippian to Mid Pennsylvanian glacio-eustatic sea-level changes of the Pennine Basin, UK.	Journal of the Geological Society of London		169	1	2012	
Waters	Colin N	Authored book	A Revised Correlation of Carboniferous Rocks in the British Isles.			26		2011	Geological Society, London Special Report
Waters	Colin N	Journal article	Regional evolution of a fluviodeltaic cyclic succession in the Marsdenian (Late Namurian Stage, Pennsylvanian) of the Central Pennine Basin, UK.	Proceedings of the Yorkshire Geological Society		57	1	2008	
Waters	Colin N	Research report for external body	Managing Radioactive Waste Safely: Initial Geological Unsuitability Screening of west Cumbria.	British Geological Survey Research Report			CR/10/072	2010	http://nora.nerc.ac.uk/15505/
Watts	Michael James	Journal article	Quantitative Arsenic speciation in two species of earthworms from a former mine site	Journal of Environmental Monitoring		10	6	2008	
Watts	Michael James	Journal article	Human toenails as a biomarker of exposure to elevated environmental arsenic	Journal of Environmental Monitoring		11	3	2009	
Watts	Michael James	Journal article	Risk of dietary magnesium deficiency is low in most African countries based on food supply data	Plant and Soil		Published online only		2012	
Watts	Michael James	Journal article	Field Based speciation of arsenic in UK and Argentinean water samples	Environmental Geochemistry and Health		32	6	2010	
West	Julia Mary	Journal article	Comparison of microbiological influences on the transport properties of intact mudstone and sandstone and its relevance to the geological disposal of radioactive waste.	Mineralogical Magazine	pp 387 - 396	76	8	2012	

West	Julia Mary	Chapter in book	Environmental Issues in the Geological Disposal of Carbon Dioxide and Radioactive Waste.	Geological Disposal of Carbon Dioxide and Radioactive Waste: A Comparative assessment.		44		2011	Springer Dordrecht
West	Julia Mary	Other	Written evidence by the British Geological Survey (NERC) to the House of Commons Select Committee inquiry on Energy risks and the public.	Devil's bargain? Energy Risks and the public. First Report of Session 2012-13				2012	ISBN 978 0 215 04670 3
West	Julia Mary	Chapter in book	Building confidence in the safe disposal of radioactive waste. In: Deep geological disposal of radioactive waste'. Editors: W. A. Alexander and L. McKinley.	Radioactivity in the Environment		9		2007	Elsevier
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