



Centre for Research in Environment & Society

Research Report 2009

Authored Books

Davies, R. 2009. *Afrikaners in the New South Africa: Identity Politics in a Globalised Economy* London: IB Tauris. 200pp. ISBN 978 1 84511 785 6

Rallings, C. Thrasher, M. & G Borisyuk, *The 2009 Local Elections Handbook*, Plymouth: LGC Elections Centre.

Rallings, C.& Thrasher, M. *British Electoral Facts*, London: Biteback, 2009

Chapters in Books

Brayshay M. 2009. Capitalism and Division of Labor. In Kitchin R, Thrift N (eds) *International Encyclopedia of Human Geography*, Volume 1, Oxford: Elsevier, pp. 390-401.

Compston, H. & Bailey, I. 2009. How can we build political support for action on climate change in western democracies? In Giddens, A., Latham, S. & Liddle, R. (eds) *Building a low-carbon future: the politics of climate change*, London: Policy Network, pp. 53-63.

Docherty, I. & Shaw, J. 2009. Transport: governance. In Thrift, N. & Kitchin, R. (eds) *International Encyclopaedia of Human Geography*. Elsevier Science, Oxford, vol. 4, pp. 615-21.

Essex, S. & Chalkley, B. 2009. Mega-sporting events in urban and regional policy: a history of the Winter Olympics, In Page, S. & Connell, J. (eds) *Event Tourism: Critical Concepts*, Routledge, London, Chapter 32, ISBN 978-0-415-47517-4.

Essex, S. & Chalkley, B. 2009. Olympic Games: catalyst of urban change, in Page, S. & Connell, J. (Eds.) *Event Tourism: Critical Concepts*, Routledge, London, Chapter 34, ISBN 978-0-415-47517-4.

Fyfe, R & Adams, H. 2009. The past, present and future of palaeoenvironmental research in North Devon. In: Green, T (ed). *Bronze Age to Bottle Seals: glimpses of the archaeology and history of North Devon*. Barnstaple, Museum of Barnstaple and North Devon. pp. 47-50

Gehrels, R. 2009. Rising sea levels as an indicator of global change. In: Letcher, T. (ed.), *Climate Change: Observed Impacts on Planet Earth*, Amsterdam, Elsevier, ISBN 978-0-444-53301-2, pp. 325-336.

Letherby, G. & Shaw, J. 2009. Dear diary: auto/biography, respect and mobility. In Vaninni, P. (ed.) *Routes less travelled: the cultures of alternative mobilities*. Ashgate, Aldershot, pp. 111-126.

Mather, A.E. 2009. Tectonic setting and landscape development. In Woodward, J. (ed). *The Physical Geography of the Mediterranean*. Oxford University Press. ISBN-13:978-0-19-926803-0. pp. 5-32.

Powel, B. 2009. A clash of norms: normative power and democracy promotion in Tunisia, in Michelle Pace and Peter Seeberg (eds), *The European Union's Democratization Agenda in the Mediterranean*, London: Routledge, pp.193-214.

Rahman, S. & Hasan, M.K. 2009. Wheat in Bangladesh: yield growth, production performance and determinants. In Davis, S. & Evan, G. (eds) *Soybean and Wheat Crops: Growth*,

Fertilization and Yield. New York: Nova Science Publishers, Inc. ISBN: 978-1-60741-173-4, pp. 203-223.

Rahman, S. 2009. Land use change in Bangladesh agriculture: trends in productivity, diversity and self-sufficiency (1973-2006). In Denman, A.C. & Penrod, O.M. (eds) *Land Use Policy*. New York: Nova Science Publishers, Inc. ISBN: 978-1-60741-435-3, pp. 201-215.

Rahman, S. 2009. Impact of soil fertility on rice productivity and efficiency: a case study from Bangladesh. In Lucero, D.P. & Boggs, J.E. (eds) *Soil fertility*. New York: Nova Science Publishers, Inc. ISBN: 978-1-60741-466-7, pp. 35–50.

Rallings C. & Thrasher, M. 2009. The North East referendum: result and public reaction, in M. Sandford (ed.) *The Northern Veto*. Manchester: Manchester University Press, pp.53-71.

Roberts, N., Eastwood, W. & Carolan, J. 2009. Palaeolimnological investigations in Paphlagonia. In Matthews, R. & Glatz, C. (eds) *At the edge of Empires: Project Paphlagonia. Regional survey in north-central Turkey*, British Institute at Ankara monograph 44, pp.64-73

Roberts, N. & Reed, J.M. 2009. Mediterranean lakes, wetlands and Holocene environmental change. In Woodward, J. (ed.) *The Physical Geography of the Mediterranean*. Oxford University Press, pp. 255-286.

Schafer, N. & Yarwood, R. 2009. Involving young people as researchers: uncovering multiple power relations among youths. In van Blerk, L. & Kesby, M. (eds) *Doing Children's Geographies*. Routledge, London, pp.114-129

Shaw, J. & Docherty, I. 2009. Railways. In Thrift, N. & Kitchin, R. (eds) *International Encyclopaedia of Human Geography*. Elsevier Science, Oxford, vol. 9, pp. 91-99.

Walsh, R.P.D. & Blake W.H. 2009. The tropical rain forest zone. In Slaymaker, O. Spencer, T. & Embleton-Hamann (eds) *Geomorphology and global environmental change*. Cambridge University Press. ISBN-13: 9780521878128

Wilson, G.A. 2009. Post-productivist and multifunctional agriculture. In Kitchin, R. & N. Thrift (eds) *The international encyclopaedia of human geography*. London: Elsevier, pp. 379-386.

Refereed journal articles

Adams, H. & Fyfe, R. M, 2009. Sustainable conservation and management of the historic environment record in upland peat: a view from Exmoor. *Transactions of the Devonshire Association*. 141, 39-60.

Agarwal, S., Rahman, S. and Errington, A. 2009. Measuring the determinants of relative economic performance of rural areas. *Journal of Rural Studies*, Vol. 25(3): 309-321. doi:10.1016/j.jrurstud.2009.02.003 [ISSN: 0743-0167]

Asadullah, M.N. & Rahman, S. 2009. Farm productivity and efficiency in rural Bangladesh: the role of education revisited. *Applied Economics*, 41(1): 17–33. doi: 10.1080/0003684060101925 [ISSN: 0003-6846].

Bailey, I. & Ditty, C. 2009. Energy markets, capital inertia and economic instrument impacts. *Climate policy*. 9 (1), 22-39, ISSN 1469-3063.

- Bailey, I. & Maresh, S. 2009. Scales and networks of neoliberal climate governance: regulation, industry non-state actors and the implementation of the European Union emissions trading scheme. *Transactions of the Institute of British Geographers*, 34 (4), 445-461, ISSN 0020-2754.
- Bailey, I. & Wilson, G.A. 2009. Theorising transitional pathways in response to climate change: technocentrism, ecocentrism and the carbon economy. *Environment and Planning A* 41: 2324-2341. ISSN 0308-518X
- Blake, W. H., Wallbrink P. J. & Droppo I.G. 2009. Sediment aggregation and implications for water quality in wildfire-affected river basins. *Marine and Freshwater Research*. 60, 653–659. ISSN: 13231650
- Blake WH, Wallbrink PJ, Wilkinson S, Humphreys GS, Doerr SH, Shakebsy RA, Tomkins K. 2009. Deriving hillslope sediment budgets in wildfire-affected forests using fallout radionuclide tracers. *Geomorphology*. 104, 105-116. ISSN 0169-555X
- Bristow, G. Farrington, J. Shaw, J. & Richardson, T. 2009. Developing an integrated appraisal methodology: the Accessibility Policy Assessment Tool. *Environment and Planning. A* 41 (1) pp. 48-62.
- Brockington, D. 2009. It's About The Benefits: Choice Environments, Ideological Proximity, and Individual Participation in 28 Democracies. *Party Politics*, 15:4:435-454. ISSN: 13540688 EISSN: 14603683
- Cotton, D. Bailey, I. Warren, M. & Bissell, S. 2009. Revolutions and second-best solutions: education for sustainable development in higher education. *Studies in Higher Education*. ISSN 0307-5079.
- Docherty, I. Shaw, J. Knowles, R. & MacKinnon, D. 2009. Connecting for Competitiveness: the future of transport in UK city regions. *Public Money and Management* 29 (5) pp. 321-328.
- Evenstar, L.A. Hartley, A.J. Stuart, F.M. Mather, A.E. Rice, C.M. Chong, G. 2009. Multiphase development of the Atacama Planation Surface recorded by cosmogenic He-3 exposure ages: Implications for uplift and Cenozoic climate change in western South America. *Geology*, 37 (1): 27-30 ISSN: 0091-761
- Fyfe, R. M. de Beaulieu, J-L. Binney, H. Bradshaw, R. H. W. Brewer, S. Le Flao, A. Finsinger, W. Gaillard, M-J. Giesecke, T. Gil-Romera, G. Grimm, E. C. Huntley, B. Kunes, P. Kuhl, N. Leydet, M. Lotter, A. F. Tarasov, P. E. & Tonkov, S. 2009. The European Pollen Database: past efforts and current activities. *Vegetation History and Archaeobotany* 18, 417-424.
- Hart, A.B., Griffiths, J.S. and Mather, A.E. 2009. Some limitations in the interpretation of vertical stereo photographic images for a landslide investigation. *Quarterly Journal of Engineering Geology and Hydrogeology*, 42: 21-30 ISSN: 1470-9236
- Hodder, R. 2009. Political interference in the Philippine civil service. *Environment and Planning C: Government and Policy*, 27: 766-782
- Hodder, R. 2009. Orientalism and the study of the Philippine polity. *Geography Compass*, 3: 1-14

- Masselink, G., Cointre, L., Williams, J., Gehrels, R. and Blake, W. 2009. Tide-driven dune migration and sediment transport on an intertidal shoal in a shallow estuary in Devon, UK. *Marine Geology* 262, 82-95. ISSN 0025-3227.
- Middleton, J. 2009. Stepping in Time: Walking, time and space in the city. *Environment and Planning A*, Vol. 41, No. 8, pp. 1943–1961. ISSN 0308-518X print: 1472-3409 online.
- Milne, G.A., Gehrels, W.R., Hughes, C.W. and Tamisiea, M.E. 2009. Identifying the causes of sea-level change. *Nature Geoscience*, 2, 471-478. ISSN 1752-0894. doi:10.1038/NGEO544.
- Murrall, S. and Bailey, I. 2009. Policy learning in UK renewable energy policy: a methodology. *Energy*, EN0, 1–9, ISSN: 1751-4223.
- Powel, B. 2009. A clash of norms: normative power and democracy promotion in Tunisia, *Democratization*, 16(1), 193-214.
- Powel, B. 2009. The stability syndrome: EU and US democracy promotion in Tunisia' *Journal of North African Studies*, 14(1), 57-73.
- Rahman, S. 2009. Whether crop diversification is a desired strategy for agricultural growth in Bangladesh. *Food Policy*, Vol. 34(4): 340-349. doi:10.1016/j.foodpol.2009.02.004 [ISSN: 0306-9192].
- Rahman, S., Wiboonpongse, A., Sriboonchitta, S. & Chaovanapoonphol, Y. 2009. Production efficiency of Jasmine rice farmers in northern and northeastern Thailand. *Journal of Agricultural Economics*, Vol. 60(2): 419-435. doi: 10.1111/j.1477-9552.2008.00198.x [ISSN: 0021-857x]
- Rahman, S. & Rahman, M. 2009. Impact of land fragmentation and resource ownership on productivity and efficiency: the case of rice producers in Bangladesh. *Land Use Policy*. Vol. 26(1): 95–103. doi:10.1016/j.landusepol.2008.01.003. ISSN: 0264-8377.
- Rahman, S. 2009. Learning from experience in urban programming: the case of SHAHAR project in Bangladesh. *Development in Practice* 19(02), 173-186. doi: 10.1080/09614520802689436 ISSN: 0961-4524.
- Rahman, S. & Shankar, B. 2009. Profits, supply and HYV adoption in Bangladesh. *Journal of the Asia Pacific Economy*, Vol. 14(1):73-89. doi: 10.1080/13547860802661538. ISSN: 1354-7860.
- Rahman, S. 2009. The economic determinants of crop diversity on farms in rural Bangladesh. *Journal of International Agricultural Trade and Development*. Vol. 5(1): 51-70. ISSN: 1556-8520
- Rahman, S. 2009. Micro-determinants of poverty among farming population in Bangladesh. *Outlook on Agriculture*. Vol. 34(4): 349-355. ISSN: 0030-7270
- Rallings, C., Thrasher, M. & Borisyuk G. 2009. Unused Votes in English Local Government Elections: Effects and Explanations *Journal of Elections, Public Opinion & Parties* 19 (1): 1-23.
- Rallings, C. & Thrasher M. 2009. Another (small) step on the road towards a multi-party Britain – turnout and party choice at the 2009 local and European Parliament elections *British Politics* 4 (4) : 463-77

- Rallings, C. & Thrasher, M. 2009. The 2008 Local Elections: a False Dawn for the Conservatives? *Representation* 45 (1) 2009 : 53-65
- Rallings, C. Thrasher, M. & Long, E. 2009. Elections and Polls in 2008 *Journal of Elections, Public Opinion & Parties* 19 (2): x-xx.
- Roberts, N. & Rosen, A. 2009. Diversity and complexity in the first farming communities of Southwest Asia: new insights into the economic and environmental basis of Neolithic Çatalhöyük. *Current Anthropology* 50(3): 393-402. doi: 10.1086/598606
- Shaw, J., MacKinnon, D. & Docherty, I. 2009. Devolution in the United Kingdom: convergence and divergence in transport policy. *Environment and Planning C: Government and Policy* 27 (3) pp. 546-567.
- Stedingk, H. & Fyfe, R. M. 2009. The use of pollen analyses to reveal Holocene tree line dynamics – a modelling approach. *The Holocene* 19, 273-283.
- Wilkinson S.N., Wallbrink P.J., Hancock G.J., Blake W.H., Shakesby R.A. and Doerr S.H. 2009. Fallout radionuclide tracers identify a switch in sediment sources and transport-limited sediment yield following wildfire in a eucalypt forest. *Geomorphology*. 110 (3-4), 140-151. ISSN 0169-555X
- Wilson, G.A. 2009: The spatiality of multifunctional agriculture: a human geography perspective. *Geoforum* 40: 269-280.
- Yarwood, R. & Charlton, C. 2009 'Country life'? Rurality, folk music and 'Show of Hands' *Journal of Rural Studies* 25, 194-206

Conference contributions (with abstract references where available)

- Adams, H. Fyfe R. M. & Charman, D. J. 2009. Sustainable management of the historic environment resource in Exmoor's upland mires. AEA annual conference, York, September.
- Adams, H. Fyfe, R. M. & Charman, D. J. 2009. Sustainable management of the palaeoecological resource in Exmoor's valley and spring mires. Geoarchaeology 2009, Sheffield, April.
- Bailey, I. 2009. Representations and materialities of space in energy transitions: reflections on the US emissions trading scheme and the relocalisation movement. ESRC Seminar Series, The geographies of energy security and climate change, University of Leicester, November.
- Blake, W. H. Taylor, A. Pillidge, S. Keith-Roach, M. 2009. Beryllium-7 geochemistry in catchment sediment systems and its use as a tracer alongside ¹³⁷Cs, ²¹⁰Pb and Compound Specific Stable Isotopes (CSSIs). *First RCM on Integrated Isotopic Approaches for an Area-wide Precision Conservation*, D1.20.11: International Atomic Energy Agency, Vienna, 8-12 June, Research agreement contract UK/15538
- Brockington, D. & Donovan, T. 2010. "Electoral consequences of tax increases". Paper accepted for delivery at the Midwest Political Science Association, Chicago, IL.
- Compston, H. & Bailey, I. 2009. How can we build political support for action on climate change in western democracies? Annual Conference of the Political Studies Association,

University of Manchester, April 2009 (with H Compston)

<http://www.psa.ac.uk/2009/pps/Compston.pdf>

Compston, H. & Bailey, I. 2009. Political strategy and climate policy. 5th European Consortium for Political Research Conference, Potsdam University, September.

http://www.ecprnet.eu/conferences/general_conference/potsdam/paper_details.asp?paperID=156

Couper, P. & Yarwood, R. 2009. Current Research and researching currents: perspectives on the great outdoors from human and physical geography (RGS/IBG Annual Conference)

Cumbers, A. Shaw, J. & MacKinnon, D. 2009 Union renewal in the privatised rail industry. Paper presented at the 41st Universities' Transport Studies Group conference, London, UK, 5-7 January.

Dawson, D. Gehrels, R. & Bradley, S. 2009. Late Holocene relative sea-level change in southwest England. Sea level rise and coastal flooding – understanding the risk, NTSLF-Challenger Symposium, Royal Society, London, 2-3 November. Abstract at:

http://www.pol.ac.uk/ntslf/rs2009/rsoc_abstracts.pdf

Doerr, S. Blake, W.H. Shakesby, R.A. Humphreys, G.S. Wallbrink, P.J. Wilkinson, S. N. Chafer, C.J. Tomkins, K.M. Farwig, V. 2009. Geomorphological effects of wildfire in SE Australian sandstone terrain: insights from an interdisciplinary, multi-method approach. 7th International Conference on Geomorphology (ANZIAG), Melbourne, Australia. 6 - 11 July.

Doerr, S.H. Cerda, A. Blake, W.H. Bodi, M. Mataix-Solera, J. Bryant, R. Curran, M. 2009. Ash deposits, soil carbon and associated carbon budgets in fire-affected environments. 2nd International Meeting of Fire Effects on Soil Properties, Marmaris, Turkey, 11-15 February.

Doerr, S.H. Shakesby, R.A. Blake, W.H. Sheridan, G.J. Lane, P.N.J. Smith, H.G. & Bell, T. 2009. Effects of an extreme biomass burning event on soil hydrology: findings from the catastrophic 2009 Victoria wildfires. Biohydrology, Bratislava, Slovakia. September 21-24.

Figueira, B.O. Hayward, B.W. Grenfell, H.R. Gehrels, W.R. 2009. Salt-marsh foraminiferal proxy records of modern sea-level rise – preliminary results from the South Island, New Zealand. Fifth International Meeting of International Geoscience Programme Project 495, 'Quaternary land-ocean interactions: driving mechanisms and coastal responses', Myrtle Beach, 25-31 October.

Fyfe, R. M. Juleff, G. & Bray, L. 2009. The environmental impact of large-scale iron working: pollen and geochemical perspectives. World of Iron conference, London, May.

García-Artola, A. Cearreta, A. Leorri, E. Irabien, M.J. Blake, W.H. 2009. Coastal salt-marshes as geological archives of recent sea-level changes. Sesión Científica de la Sociedad Geológica de España Santander, 2009.

Gehrels, W.R. 2009. Late Holocene land- and sea-level changes in the British Isles: lessons for the 21st century. International Geoscience Programme Project 495 (UK working group), INQUA Commission on Coastal and Marine Processes, 'Decadal to Millennium-Scale Land-Ocean Interactions in the Geological Record: Blueprints for the 21st century"', Egmond aan Zee (Netherlands), 21-24 June. Abstracts p. 19.

Gehrels, R. 2009. Sea-level rise in the British Isles during the 21st century: relevance of the late Holocene record of relative sea-level change. Fifth International Meeting of International

- Geoscience Programme Project 495, 'Quaternary land-ocean interactions: driving mechanisms and coastal responses', Myrtle Beach, 25-31 October.
- Johns, J, & Brockington, D. 2010. "The Effect of Asylum Seekers, Immigrants, and Indigenous Minorities on Support for the Far Right in English Local Elections". Paper accepted for delivery at the Western Political Science Association, San Francisco, CA.
- Johns, J, & Brockington, D. 2009. "Electoral Consequences of Asylum Seekers on Support for Far Right Parties in English Local Elections". Pacific Northwest Political Science Association, Victoria, British Columbia. (equal authorship, DB responsible for conference presentation etc.)
- Leorri, E., Cearreta, A., Milne, G.A. and Gehrels, W.R. 2009. Modelling and field observations of Holocene sea-level changes along the Atlantic coast of SW Europe to understand current sea level. Fifth International Meeting of International Geoscience Programme Project 495, 'Quaternary land-ocean interactions: driving mechanisms and coastal responses', Myrtle Beach, 25-31 October.
- Leorri, E. Cearreta, A. Gehrels, W.R. and Fatela, F. 2009. Tools for the reconstruction of recent sea-level changes on the Atlantic coast of southern Europe. International Geoscience Programme Project 495 (UK working group), INQUA Commission on Coastal and Marine Processes, 'Decadal to Millennium-Scale Land-Ocean Interactions in the Geological Record: Blueprints for the 21st century"', Egmond aan Zee (Netherlands), 21-24 June. Abstracts p. 13-14.
- MacKinnon, D and Shaw, J (2009) *Moving on with 'filling in'? Devolution and governance in the UK*. Paper presented at the Annual Conference of the Royal Geographical Society/Institute of British Geographers, Manchester, UK, 27-30 August.
- Mather, A.E. Maher, E. Eastwood, W.J. Yiđitbaþyodlu, H. Griffiths, J.S. Stokes, M. 2009. The Kuzulu Landslide, NE Turkey: its evolution and impact on the geomorphic system (2005-2008). 7th International Conference on Geomorphology of the international Association of Geomorphologists (IAG), Melbourne, Australia, July. August Abstract at: <http://www.geomorphology2009.com/cd-abstracts/Papers/1055.pdf>
- Marshall, W. Gehrels, R. & Blake, W. 2009. Evaluating the use of the ²¹⁰Pb CRS model to date sediment deposition in salt marshes in SW England. International Geoscience Programme Project 495 (UK working group), INQUA Commission on Coastal and Marine Processes, 'Decadal to Millennium-Scale Land-Ocean Interactions in the Geological Record: Blueprints for the 21st century"', Egmond aan Zee (Netherlands), 21-24 June. Abstracts p. 18.
- Massey, A.C. Gehrels, W.R. Charman, D.J. Milne, G.A. Peltier, W.R. Lambeck, K. and Selby, K.A., 2008. Relative sea-level change and postglacial isostatic adjustment in south Devon, United Kingdom. Fifth International Meeting of International Geoscience Programme Project 495, 'Quaternary land-ocean interactions: driving mechanisms and coastal responses', Myrtle Beach, 25-31 October.
- Middleton, J. 2009. Promoting London as a 'walkable city' and overlapping walks of life. Invited seminar, Sustainability Hub Seminar Series, Kingston University. November.

Middleton, J. 2009. Cultures of commuting: a qualitative approach to the daily experience of travelling in and out of cities. Conference paper; Royal Geographical Society/Institute of British Geographers Annual Conference (SCGRG/TGRG sponsored session), London, UK. 26th – 28th August.

Middleton, J. 2009. Stepping in time: walking, time and space in the city. Invited keynote; Walking as Method and Practice, Cardiff University. 11th June.

Middleton, J. 2009. Time is the ultimate scarce resource: time, everyday life and skills for sustainable communities. Conference paper; Association of American Geographers Annual Conference, Las Vegas, USA. 22nd – 27th March. Abstract at:

http://communicate.aag.org/eseries/aag_org/program/AbstractDetail.cfm?AbstractID=23701

Murrall, S. & Bailey, I. 2009. Policy learning and policy change in UK Renewable Energy Policy. Annual Conference of the Association of American Geographers, Las Vegas, March, http://communicate.aag.org/eseries/aag_org/program/AbstractDetail.cfm?AbstractID=24708

Murrall, S. & Bailey, I. 2009. Policy learning and policy change in UK Renewable Energy Policy, Royal Geographical Society/IBG Annual Conference, University of Manchester, August

Powel, B. 2009. 'Promoting the Dragon: National Identity and the Construction of Welsh Assembly External Relations Policy', Association for the Study of Ethnicity and Nationalism (ASEN) annual conference, London, April.

Powel, B. 2009. 'Wales in the World: An Introduction', *A Safer World*, Plaid Cymru policy workshop, Cardiff, 20 November.

Rallings, C., M. Thrasher & G Borisyuk, 2009. Parliamentary Boundary Reviews and impact on malapportionment. Presented to the joint annual meeting of the Boundary Committee and Boundary Commissioners, London, June.

Rallings, C. & Thrasher, M. 2009. "The 'Nos' have it": using referendums in sub-national policy-making in Britain. Presented at Western Political Science Association conference, Vancouver March.

Roberts, N. 2009. Quantifying the lake record of inferred hydro-climatic variability during the last 2 ka. International Paleolimnology Symposium 11, Guadalajara, Mexico, invited plenary lecture. December.

Roberts, N. 2009. Holocene climate reconstruction: methods and applications with particular reference to the East Mediterranean region. Stine Rossel Memorial Conference, Copenhagen; Climate and Ancient Societies: causes and human response, invited plenary lecture, October

Roberts, N. 2009. Coaxing history to conduct experiments: multi-proxy palaeo - studies and hypothesis testing. QUESTING postgraduate summer school, Arc et Senans, France (invited speaker), August

Shaw, J. 2009. Devolution, transport and policy innovation. Presented at the IPPR conference, Devolution in a Downturn: Divergent approaches to sustainable economic prosperity? Belfast, UK, 22 June.

Shaw, J. 2009. Die Privatisierungspolitik der britische Eisenbahn (The politics of British railway privatisation). Presented to the Deutsche Verkehrswissenschaftliche Gesellschaft (German Society of Transport Science) at Erfurt University of Applied Sciences, Erfurt, Germany, 29 January.

Sugita, S. Gaillard, M-J. Trondman, A. Mazier, F. Nielsen, A. B. & Fyfe, R. M. 2009. Holocene history of land cover and land use in northwestern Europe: a new approach in pollen-based reconstruction of regional landscape. AGU Fall Meeting, San Francisco (USA), December.

Szkornik, K. Gehrels, W.R. Juggins, S. and Charman, D.J. 2009. Assessing the accuracy of diatom-based transfer functions in Holocene sea-level studies: an example from Ho Bugt, western Denmark. International Geoscience Programme Project 495 (UK working group), INQUA Commission on Coastal and Marine Processes, 'Decadal to Millennium-Scale Land-Ocean Interactions in the Geological Record: Blueprints for the 21st century"', Egmond aan Zee (Netherlands), 21-24 June. Abstracts p. 15.

Szkornik, K. Gehrels, W.R. Bradley, S.L. Milne, G.A. Pedersen, J.B.T. Bartholdy, J. Charman, D.J. 2009. A 9,000 year record of relative sea-level change in western Denmark. Fifth International Meeting of International Geoscience Programme Project 495, 'Quaternary land-ocean interactions: driving mechanisms and coastal responses', Myrtle Beach, 25-31 October.

Thrasher, M., G. Borisyuk, M. Shears & C. Rallings, 2009. Who stands for elected office? A comparative analysis of local and parliamentary election candidates in the UK. Presented at Western Political Science Association conference, Vancouver, March.

Walsh, R.P.D. & Blake, W.H. 2009. Geomorphic impacts of future climatic change in the tropical rain forest zone. 7th International Conference on Geomorphology (ANZIAG), Melbourne, Australia, 6 - 11 July.

Walsh, R.P.D. Blake, W.H. & Bidin, K. 2009. Messages from multi-proxy sediment fingerprinting in the rotationally selectively logged Segama tropical rain-forest catchment, Sabah. 7th International Conference on Geomorphology (ANZIAG), Melbourne, Australia, 6 - 11 July.

West, J. Bailey, I. & Whitehead, I. 2009. Stakeholder perceptions of the wave hub development. Royal Geographical Society/IBG Annual Conference, University of Manchester, August.

West, J. Bailey, I. & Whitehead, I. 2009. Stakeholder perceptions of the wave hub development in Cornwall. Proceedings of the 8th European Wave and Tidal Energy Conference, Uppsala, Sweden, (with J West). <http://www.ewtec2009.se/>

Wilkinson, S. Wallbrink, P. Hancock, G. Blake, W. Shakesby, R. Doerr, S. 2009. Wildfire Effects on Sediment Sources and Transport Using a Mixing Model of Fallout Radionuclide Tracers. 7th International Conference on Geomorphology (ANZIAG), Melbourne, Australia, 6 - 11 July

Williams, A. 2009. The Influence of Vegetation and Animals on Runoff Generation in a Small Upland Catchment on Dartmoor, UK. Invited contribution at BIOHYDROLOGY 2009, Bratislava, September.

Wilson, G. 2009. Multifunctional agriculture: a transition theory perspective, Paper Presented (invited paper). Department of Geography, University of Aberdeen February

Wilson, G. 2009. Conceptualising multifunctional 'quality' at the rural community level: resilience, vulnerability, and economic, social and environmental capital. (Keynote paper). AAG Conference, Las Vegas, USA, March

Wood, M.E. Gehrels, W.R. & Goodman, J.E. 2009. Annual to decadal sediment accumulation rates and relative sea-level rise effects on Maine's diverse salt-marsh systems. Geological Society of America, Northeastern Section 44th Annual Meeting, Portland, Maine, 22–24 March, GSA Abstracts with Programs, v. 41, No. 3, p. 18. Abstract at: http://gsa.confex.com/gsa/2009NE/finalprogram/abstract_155131.htm

Yarwood, R. 2009. Professional Volunteers and Pets that work (RGS/IBG Annual conference)

Exhibitions, performances and other creative output:

Blake, W.H. 2009. Impacts of wildfire of water quality. *Wildfire 2009*, June 2009, New Forest UK

Other research Output (including other non-refereed publication, internal publications, book reviews, etc.)

Bailey, I. 2009. Representations and materialities of space in energy transitions: reflections on the EU emissions trading scheme and the relocalisation movement. *ESRC seminar series, The geographies of energy security and climate change*. http://www.le.ac.uk/gg/pdfs/seminar_bradshaw_UK_ESRC_Energy_261109_6.pdf.

Bailey, I. 2009. Environmental Change and Globalization: Double Exposures, Leichenko, R.M. and O'Brien, K.L. Oxford: Oxford University Press, 2008, *The Geographical Journal* 175 (3), 243.

Bailey, I. 2009. Innovation in Environmental Policy? Integrating the Environment for Sustainability, Jordan, A.J. and Lenschow, A. (eds), Cheltenham: Edward Elgar, 2008, *Environment and Planning C* 27 (5), 944-945.

Bailey, I. 2009. Institutions and Sustainable Transport: Regulatory, Reform in Advanced Economies, Rietveld, P. and Stough, R. (eds) Cheltenham: Edward Elgar, 2007, *Journal of Transport Geography*, 17, 77-78.

Bailey, I. 2009. Invited participant, No. 10 Downing Street roundtable seminar: *Industrial activism, market regulation and low carbon transition*, 15 October 2009.

Blake, W.H. Taylor, A. Pillidge, S. Keith-Roach, M. 2009. Beryllium-7 geochemistry in catchment sediment systems and its use as a tracer alongside ¹³⁷Cs, ²¹⁰Pb and Compound Specific Stable Isotopes (CSSIs). Report 1: *First RCM on Integrated Isotopic Approaches for an Area-wide Precision Conservation, D1.20.11: International Atomic Energy Agency*, Research agreement contract UK/15538

Borisjuk, G. Johnston, R. Rallings, C & Thrasher, M. A method for measuring and decomposing bias for the three party case, at

<http://polmeth.wustl.edu/workingpapers.php?text=decomposition+of+bias&searchkeywords=T&order=dateposted>

Compston, H. & Bailey, I. 2009. Political strategies for future climate policy, in Kochendorfer-Lucius, G. & Pleskovic, B. (eds) *Climate governance and development*. Berlin workshop series 2010, Berlin: World Bank.

Docherty, I. Shaw, J. Preston, J. Hepworth, M. 2009. *High speed ground transport: Glasgow-Edinburgh corridor*. Strathclyde Partnership for Transport, Glasgow. 79pp.

Fonteh, M. Estevez, L. & Gehrels, W.R. 2009. Mapping and valuation of ecosystems and economic activities along the coast of Cameroon: implications of future sea level rise. EUCC – Die Küsten Union Deutschland e.V.: *International approaches of coastal research in theory and practice, Coastline Reports* 13, 47-63. ISSN 0928-2734, ISBN 978-3-9811839-5-5

Powel, B. 2009. *Plaid Cymru's Foreign Policy: An Historical and Thematic Overview*, Internal Report for Plaid Cymru's Policy Unit, July.

Powel, B. 2009. 'Darn Barn: *Hamas* yw'r unig fudiad sy'n barod i herio Israel' ('Opinion Piece: *Hamas* is the only organisation willing to challenge Israel'), *Golwg*, 8 January, p. 7.

Powel, B. 2009. 'Diolch Byth am Ryan Giggs' ('Thank God for Ryan Giggs'), *Barn*, December, pp. 31-32. This is an article on popular representations of Wales in the international arena, not on the footballer *per se*!

Newton, J. Franklin, A. Middleton, J. & Marsden, T. 2009. Understanding the Role of Skills, Learning, and Knowledge for Sustainable Communities, *BRASS Working Paper Series*, N. 51. ISBNs 978-1-906644-16-1 print: 978-1-906644-17-8 online

Rallings, C. Thrasher, M. Borisyuk, G & Shears, M. The 2009 survey of local election candidates, Improvement and Development Agency (I&DeA).

Rallings C. & Thrasher, M. several articles in *Local Government Chronicle*, *Sunday Times*, *Total Politics* magazine etc.

Roberts, N. 2009. Holocene climates. In Gornitz, V. (ed.) *Encyclopedia of Paleoclimatology and Ancient Environments*. Kluwer, pp.438-442.

Selby, D. Shaw, J. et al. 2009. *Moving forward: from travel plan to transport policy*. Centre for Sustainable Futures Occasional Paper 2. Centre for Sustainable Futures, Plymouth. 62pp.

Thrasher, M. various articles on polling and elections for Sky News website

West, J. Bailey, I. & Whitehead, I. 2009. Offshore renewable energy.
<http://www.rgs.org/OurWork/Advocacy+and+Policy/Geography+policy/Geography+Now/Offshore+renewable+energy.htm>

Wilson, G.A. 2009. *European policy and desertification: evidence from the local scale*. Brussels, European Commission, 18 pp.

New Research grants and contracts awarded in 2009

Bailey, I. British Academy. *Political strategies for future climate policy: engaging energy-intensive industries in emissions reduction programmes*: £7,500.

Bailey, I. EU FP7. *The SOWFIA Project: study of ocean wave farm impacts assessment (socio-economic impacts work package)* (consortium leader Deborah Greaves): c. £60,000. (provisional figure)

Blake, W.H. *Development and test of new cost-effective monitoring technologies and planning design for restoration of wetlands – MONITECH*. Danish Research Council: £25,000 (total project 11.6m DKR, with University of Arrhus)

Blake, W.H. *The catastrophic Victoria wildfires: impact of extreme burn severity on the soil system*. Natural Environment Research Council: £6,000 (total project £65,000, with Swansea University)

Blake, W.H. *Carbon management in moorlands; effects of drainage and re-wetting on carbon sequestration*. Seale Hayne Educational Trust: £9,000 (with Charman D and Parry L)

Fyfe, R. 2009. Dartmoor Blanket Bog Restoration Project: Palaeoecological Analysis. Forest of Dartmoor Trustees: £60,340.

Gehrels, R. 2009. *Sea-level changes in Tasmania: implications for the melting history of the Greenland Ice Sheet*. Natural Environment Research Council AMS ¹⁴C dating allocation no. 1417.1009: £14,560.

Marshall, W. 2009. Sea-level changes in the North Atlantic Ocean: implications for the melting history of the Greenland Ice Sheet. NERC: £110,448. NERC Reference: NE/H000860/1.

Mather, A.E. 2009. An Engineering transect of the Andes (Chile to Argentina). CETL: £3000

Roberts, N. 2009. 5000 years of climatic and cultural change in Cappadocia, central Turkey. National Geographic Society, Committee for Research and Exploration: US\$22,000

Shaw, J (2009) £3,307 from the Commission for Rural Communities for the project, *Rural transport in 2029 – scenarios and implications for rural transport policy*. Contract No. 4183.

Stokes, M. & Mather A.E. 2009. Patterns, timing and mechanisms of landscape development along the Portuguese Atlantic margin: insights from cosmogenic exposure dating of river terrace landforms in the Mondego River Basin. The Treaty of Windsor Anglo-Portuguese Joint Research Program: €2500

Stokes, M. & Mather, A.E. 2009. Patterns and rates of uplift driven fluvial incision within the Moroccan High Atlas Mountains of NW Africa. National Geographic.: \$18,740

Wilson, G.A. 2010-2014. DG XII Brussels (EU FP7) for a European project on 'Land and ecosystem degradation and desertification: assessing the fit of responses' (total project fund €3.1 million) Project co-ordination: University of the Aegean, Greece Position within project: Co-ordinator of British team (one postdoctoral researcher) and co-ordinator of one project module: €255,000 (£220,000)

New commissioned research work and consultancy in 2009

Shaw, J. and the South West Smartcard Forum (2009) £40,000 from the South West Regional Improvement and Efficiency Partnership Enterprise Fund for the project, *Delivery framework for the introduction of a shared, regional, open access Smartcard Back Office System*.

Shaw, J. and the South West Smartcard Forum (2009) £20,000 from the South West Regional Development Agency for the project, *Southwest regional smartcard development project*. Reference No. SWR00357-EDiP31.

Whitehead, I. Impacts of Biomass production in the UK – socioeconomic element. UoExeter - £2,500

Whitehead, I. Understanding the environmental impacts of consuming foods that are produced locally in season. Defra (with SERIO and ADAS) - £68,500 (UoP element)

Whitehead, I. SoG PUP bid Stakeholder and public perceptions of wave energy. SWRDA Wave Hub - £3,000

Exhibitions, performances and other creative output:

Brockington, D. During 2009, I was invited to serve as an author / contributor to the United States-based academic blog (Political Science and International Relations) *Lawyers Guns & Money*. I contribute roughly five articles a week to the blog, which received 2.5 million visits during 2009, or roughly 6800 per day. My current institutional affiliation with the University of Plymouth is appropriately credited.

Powel, B. Regular analyst for BBC Wales (radio and television) on Middle East affairs.

Conferences organised

Bailey, I. 2009. The politics of climate change. European Consortium for Political Research, Potsdam, September.

Brayshay, M. 2009. Convenor of Papers Presented session, Devonshire Association Annual Conference, Dulverton, June.

Couper, P. & Yarwood, R. 2009. 'The Great Outdoors' at RGS/IBG Annual Conference, Manchester

Mather, A.E. 2009. Tectonics and Geomorphology Session at the 7th International Conference on Geomorphology of the international Association of Geomorphologists (IAG), Melbourne, Australia, July. August.

Wilson, G, A. 2009. Coordinator of AAG session on 'Global drivers of agricultural change 1' at AAG Conference 2009 (Las Vegas, USA).

Positions on national and international bodies, (Editorial boards, committees, etc.)

Bailey, I. editorial board, *Open Political Science Journal*

editorial board, *Geography Compass*

Blake, W.H. Associate Editor, *International Journal of Wildland Fire*

Board Member, *International Association for Sediment Water Science*

Agreement Holder within *International Atomic Energy Agency Coordinated Research Programme: Integrated Isotopic Approaches for an Area-wide Precision Conservation to control the Impacts of*

Agricultural Practices on Land Degradation and Soil Erosion
(D1.20.11): IAEA contract UK/15538.

- Fyfe, R. M. Membership Secretary, *Association of Environmental Archaeology*
- Gehrels, R. Editorial Board, *Marine Geology*
Chair, *INQUA Commission on Coastal and Marine Processes, North and West Europe Working Group*.
National Correspondent, *UNESCO IGCP Project 495 (Quaternary Land-Ocean Interactions. Driving Mechanisms and Coastal Responses)*.
- Mather, A.E. Editorial Board, *Journal of Iberian Geology*
Editorial Board, *Geomorphology*
- Middleton, J. Treasurer, Urban Geography Research Group, *Royal Geographical Society*
- Powel, B. Member of the editorial board for *EthnoPolitics*.
- Rallings, C. Editorial board, *Journal of Elections, Public Opinion and Parties*
- Roberts, N. Editor *Quaternary Science Reviews* (Elsevier)
Editorial Board, *Holocene* (Sage)
Secretary to the Conference of Heads of Geography in *UK Higher Education Institutions*
Member of Council of Management and Research Committee of *Royal Geographical Society* (with Institute of British Geographers)
- Shaw, J Associate Editor, *Journal of Transport Geography*
Specialist Adviser to *House of Commons Transport Committee*
Secretary of the *Transport Geography Research Group of the RGS-IBG*
Member of the *First Great Western Advisory Board*
- Wilson G, A. Section editor for journal '*Geography Compass: Environment and Society*' (published in UK; Blackwell)
Member of editorial board for journal '*Methodological Innovation*' (published in UK; ISSN 1748-0612)

External examinations for research degrees and postgraduate taught programmes at Masters Level or equivalent at other institutions

- Bailey, I. PhD, RMIT University, Melbourne
- Blake, W.H. PhD, University of New South Wales
- Gehrels, R. PhD, Utrecht University

Rallings, C. PhD, University of Gothenburg
Thrasher, M. Master in Public Administration and Public Policy, University of Exeter
Wilson, G. A. PhD Université de Neuchâtel (Switzerland)
External assessor for the review of the Department of Geography,
University of Portsmouth

Research Degrees awarded

Afraa Sallowm. PhD, 2009, ICT access and use in the remote rural town of Hatherleigh (Devon, UK): towards citizen engagement? (Funding: Syrian Government). Supervisors: G Wilson and M Warren

Kelly, C. PhD, 2009, Partnerships in the development and management of marine nature-based tourism, Director of Studies: Stephen Essex; Second Advisor: Richard Perkins; Third Advisor: Gillian Glegg.

Stroynowski, Z. PhD, 2009, A high-resolution climatic study of the Norwegian and Iberian Shelves during the Late Holocene: a diatom perspective. Supervisors: R. Gehrels, N. Roberts and F.Abrantes (Lisbon), in conjunction with Portuguese Science Foundation (FCT)

Woodbridge, J. PhD. 2009, Late Holocene lake diatom-inferred palaeoclimate from central Turkey. Supervisors: N Roberts and M Kent.