

**DISCOVER
WITH
PLYMOUTH
UNIVERSITY**



**Centre for Research in Environment
and Society**

Research Report 2015

Authored/Edited Books

Mowforth MRN, Munt I 2015 *Tourism and Sustainability: Development, Globalisation and New Tourism in the Third World*. 4th edition London, Routledge

Sutherland LA, Darnhofer I, **Wilson GA**, Zagata L (eds) 2015 *Transition pathways towards sustainability in agriculture: case studies from Europe*. Wallingford (UK), CABI

Hall, C, Ringwood, K and **Yarwood, R** 2015 *Moor to Sea without the car: walks from Plymouth using public transport*. University of Plymouth Press

Book chapters

Bailey IG, Revell P 2015 Climate change, in Wright JD (ed.) *International Encyclopedia of the Social and Behavioral Sciences*, pp. 839-847, Oxford, Elsevier

Bailey IG, Revell P 2015 Re-politicizing climate governance research, in Backstrand K, Lovbrand E (eds) *Research Handbook on Climate Governance*, pp. 526-536, Cheltenham, Edward Elgar.

Iurian A-R, Phaneuf MO, Mabit L 2015 Mobility and Bioavailability of Radionuclides in Soils, in Clemens W and Dharmendra GK (eds) *Radionuclides in the Environment. Influence of chemical speciation and plant uptake on radionuclide migration*, pp. 37-60, Switzerland, Springer

Lavau S 2015 Climate change and the changing nature of conservation, in Harvey D, Perry J (eds) *The Future of Heritage as Climates Change: Loss, Adaptation and Creativity*, pp. 111-129, Routledge

Plunkett G, Hall VA, **Whitehouse NJ**, Charman D, Blaaw M 2015 Overview and conclusion of palaeoenvironmental research, in Kelly EP, Mulhall I (eds) *Bog Bodies Research Project*, Dublin, National Museum of Ireland

Roberts CN 2015 Holocene climate change and archaeological implications, with particular reference to the East Mediterranean region, in Kerner S, Dann RJ, Bansaard P (eds.) *Climate and Ancient Societies*, pp. 27-39, Copenhagen Museum, Tusculanum Press

Simpson P 2015 Atmospheres of arrival/departure and multi-angle video recording: reflections from St Pancras and Gare du Nord, in Bates C (ed.) *Video Methods: Social Science Research in Motion*, pp. 27-48, Routledge

Simpson P 2015 Non-representational Theory, in Wharf B (ed.) *Oxford Bibliographies in Geography*, Oxford, Oxford University Press; online DOI: 10.1093/OBO/9780199874002-0117

Sutherland, L.-A., **Wilson, G.A.** and L. Zagata 2015 Introduction. In: Sutherland, L.-A., Darnhofer, I., Wilson, G.A. and L. Zagata (eds): *Transition pathways towards sustainability in agriculture: case studies from Europe*. Wallingford (UK): CABI, pp. 1-16.

Sutherland, L.-A., **Wilson, G.A.** and L. Zagata 2015: Conclusions. In: Sutherland, L.-A., Darnhofer, I., Wilson, G.A. and L. Zagata (eds): *Transition pathways towards sustainability in agriculture: case studies from Europe*. Wallingford (UK): CABI, pp. 207-222.

Whitehouse NJ 2015 Coleoptera analysis, in Kelly EP, Mulhall I (eds) *Bog Bodies Research Project*. Dublin, National Museum of Ireland

Yarwood RB 2015 Geography of crime, in Wharf B (ed.) *Oxford Bibliographies in Geography*, Oxford, Oxford University Press

Refereed journal articles

Anton L, **Mather AE**, Stokes M, Munoz-Martin A, De Vicente G 2015 Exceptional river gorge formation from unexceptional floods. *Nature Communications* 6 doi: 10.1038/ncomms8963

Bailey I 2015 Is the Planet Full? *Environmental Values* 24, 434-436. doi: 10.3197/096327115X14273714154890

Brunton LA, Nicholson R, Ashton A, Alexander N, Wint W, Enticott G, **Ward K**, Broughan JM, Goodchild AV 2015 A novel approach to mapping and calculating the rate of spread of endemic bovine tuberculosis in England and Wales. *Spatial and Spatio-temporal Epidemiology* 13, 41-50 doi: 10.1016/j.sste.2015.04.002

Burns EE, Comber S, **Blake W**, **Goddard R**, Couldrick L 2015 Determining riverine sediment storage mechanisms of biologically reactive phosphorus in situ using DGT. *Environmental Science and Pollution Research* 22, 9816-9828 doi: 10.1007/s11356-015-4109-3

Caprotti, F., Springer, C. and **Harmer, N.** 2015 'Eco' For Whom? Envisioning Eco-urbanism in the Sino-Singapore Tianjin Eco-city, China. *International Journal of Urban and Regional Research*, 39, 495-517. doi: 10.1111/1468-2427.12233

Charman DJ, Amesbury MJ, Hinchliffe W, Hughes PDM, Mallon G, **Blake WH**, **Daley TJ**, Gallego-Sala AV, Mauquoy D 2015 Drivers of Holocene peatland carbon accumulation across a climate gradient in northeastern North America. *Quaternary Science Reviews* 121, 110-119. doi:10.1016/j.quascirev.2015.05.012

Cotton DRE, **Miller W**, Winter J, **Bailey I**, Sterling S 2015 Developing students' energy literacy in higher education. *International Journal of Sustainability in Higher Education* 16, 456-473 doi: 10.1108/IJSHE-12-2013-0166

Davies H, **Fyfe R**, Charman D 2015 Does peatland drainage damage the palaeoecological record? *Review of Palaeobotany and Palynology* 221, 92-105 doi: 10.1016/j.revpalbo.2015.05.009

Dean JR, Eastwood WJ, **Roberts N**, Jones MD, Yigitbasioglu H, **Allcock SL**, **Woodbridge J**, Metcalfe SE, Leng MJ 2015 Tracking the hydro-climatic signal

from lake to sediment: A field study from central Turkey. *Journal of Hydrology* 529, 608-621 doi: 10.1016/j.jhydrol.2014.11.004

Dean JR, Jones MD, Leng MJ, Noble SR, Metcalfe SE, Sloane HJ, Sahy D, Eastwood WJ, **Roberts CN** 2015 Eastern Mediterranean hydroclimate over the late glacial and Holocene, reconstructed from the sediments of Nar lake, central Turkey, using stable isotopes and carbonate mineralogy. *Quaternary Science Reviews* 124, 162-174 doi: 10.1016/j.quascirev.2015.07.023

Edwards KJ, **Fyfe RM**, Hunt CO, Schofield JE 2015 Moving forwards? Palynology and the human dimension. *Journal of Archaeological Science* 56, 117-132 doi: 10.1016/j.jas.2015.02.010

Essex, S.J. & Ford, P. 2015 Urban regeneration: thirty years of change on Plymouth's waterfront, *Transactions of the Devonshire Association* 147, 73-102.

Ferbrache F, **Yarwood R** 2015 Britons abroad or European citizens? The negotiation of (trans)national space and citizenship by British migrants in France. *Geoforum* 62, 73-83 doi: 10.1016/j.geoforum.2015.03.021

Fyfe RM, Woodbridge J, Roberts N 2015 From forest to farmland: pollen-inferred land cover change across Europe using the pseudobiomization approach. *Global Change Biology* 20 (3), 1197-1212. doi: 10.1111/gcb.12776

Gallagher C, **Telfer MW**, Ó Cofaigh C 2015 A Marine Isotope Stage 4 age for Pleistocene raised beach deposits near Fethard, southern Ireland. *Journal of Quaternary Science* 30, 754-763 doi:10.1002/jqs.2808

Geach MR, Thomsen KJ, Buylaert J-P, Murray AS, **Mather AE, Telfer MW**, Stokes M 2015 Single-grain and multi-grain OSL dating of river terrace sediments in the Tabernas Basin, SE Spain. *Quaternary Geochronology* 30, 213-218 doi: 10.1016/j.quageo.2015.05.021

Geach MR, Viveen W, **Mather AE, Telfer MW**, Fletcher WJ, Stokes M, Peyron O 2015 An integrated field and numerical modelling study of controls on Late Quaternary fluvial landscape development (Tabernas, southeast Spain). *Earth Surface Processes and Landforms* 40, 1907-1926 doi: 10.1002/esp.3768

Gearey BR, Fletcher W, **Fyfe R** 2014 Managing, valuing and protecting heritage resources in the twenty-first century: peatland archaeology, the ecosystem services framework, and the Kyoto Protocol. *Conservation and Management of Archaeological Sites* 16, 236-244 doi: 10.1179/1350503315Z.00000000084 (published in 2015 for 2014)

Gong X, Sriboonchitta S, **Rahman S**, Kuson S 2015 Modeling Value at Risk of Agricultural Crops Using Extreme Value Theory. *Advanced Science Letters* 21 1339-1343 doi: 10.1166/asl.2015.6025

Griffiths JS, **Mather AE**, Stokes M 2015 Mapping landslides at different scales. *Quarterly Journal of Engineering Geology and Hydrogeology* 48, 29-40 doi: 10.1144/qjegh2014-038

Hall T, Toms P, McGuinness M, Parker C, **Roberts N** 2015 Where's the Geography department? The changing administrative place of Geography in UK higher education. *Area* 47, 56-64 doi: 10.1111/area.12154

Harmer N, Gaskarth J & Gibb R 2015 Distant Relations: Identity and Materiality in Elite Discourse on Britain's Overseas Territories. *Global Society* 29, 510-529

Herman A, **Yarwood R** 2015 From warfare to welfare: veterans, military charities and the blurred spatiality of post-service welfare in the United Kingdom. *Environment and Planning A: international journal of urban and regional research* 47, 2628-2644 doi: 10.1177/0308518X15614844

Holton M 2015 Learning the rules of the "student game": transforming the "student habitus" through [im]mobility. *Environment and Planning A: international journal of urban and regional research* 47, 2373-2388 doi: 10.1177/0308518X15599293

Holton MJW 2015 'I Already Know the City, I Don't Have to Explore it': Adjustments to 'Sense of Place' for 'Local' UK University Students. *Population, Space and Place* 8, 820-831 doi: 10.1002/psp.1866

Holton MJW 2015 Adapting relationships with place: Investigating the evolving place attachment and 'sense of place' of UK higher education students during a period of intense transition. *Geoforum* 59, 21-29 doi:10.1016/j.geoforum.2014.11.017

Hu Z, **Rahman S** 2015 Economic drivers of contemporary smallholder agriculture in a transitional economy: A case study of Hu Village from southwest China. *Singapore Journal of Tropical Geography* 36, 324-341 doi:10.1111/sjtg.12116

Iurian A-R, Dercon G, Adu-Gyamfi J, Mabit L, Kis-Benedek G, Ceccatelli A, Tarjan S, **Blake W** 2015 The interception and wash-off fraction of Be-7 by bean plants in the context of its use as a soil radiotracer. *Journal of Radioanalytical and Nuclear Chemistry* 306, 301-308 doi:10.1007/s10967-015-3948-1

Kelly CL, Ferrara A, **Wilson GA**, Ripullone F, Nolè A, **Harmer N**, Salvati L 2015 Community resilience and land degradation in forest and shrubland socio-ecological systems: Evidence from Gorgoglione, Basilicata, Italy. *Land Use Policy* 46, 11-20 doi:10.1016/j.landusepol.2015.01.026

Mather AE, **Mills S**, Stokes M, **Fyfe R** 2015 Ten years on: what can Google Earth offer the Geoscience community? *Geology Today* 31, 216-221 DOI: 10.1111/gto.12119

Middleton J, **Yarwood R** 2015 'Christians, out here?' Encountering Street-Pastors in the post-secular spaces of the UK's night-time economy. *Urban Studies* 52, 501-516 doi:1177/0042098013513646

Milner VS, Wilby NJ, **Gilvear DJ**, Perfect C 2015 Linkages between reach-scale physical habitat and invertebrate assemblages in upland streams. *Marine and Freshwater Research* 66, 438-448 doi:10.1071/MF14008

Muschitiello F, Pausata FSR, Watson JE, Smittenberg RH, Salih AAM, Brooks SJ, **Whitehouse NJ**, Karlatau-Charalampopoulou A, Wohlfarth B 2015 Fennoscandian freshwater control on Greenland hydroclimate shifts at the onset of the Younger Dryas. *Nature Communications* 6, 8939-39 doi:10.1038/ncomms9939

Padfield R, Waldron S, Drew S, **Gilvear D**, et al 2015 Research agendas for the sustainable management of tropical peatland in Malaysia. *Environmental Conservation* 17, 73-83 doi: 10.1017/S0376892914000034

Palazon L, Gaspar L, Latorre B, **Blake WH**, Navas A 2015 Identifying sediment sources by applying a fingerprinting mixing model in a Pyrenean drainage catchment. *Journal of Soils and Sediments* 15, 2067-85 doi:10.1007/s11368-015-1175-6

Palazon L, Latorre B, Gaspar L, **Blake WH**, Smith HG, Navas A 2015 Comparing catchment sediment fingerprinting procedures using an auto-evaluation approach with virtual sample mixtures. *Science of the Total Environment* 532, 456-466 doi:10.1016/j.scitotenv.2015.05.003

Parton A, Farrant AR, Leng MJ, **Telfer MW**, Groucutt HS, Petraglia MD, Parker AG 2015 Alluvial fan records from southeast Arabia reveal multiple windows for human dispersal. *Geology* 43, 295-298 doi:10.1130/G36401.1

Perez M, **Fyfe RM**, Charman DJ, Gehrels WR 2015 Later Holocene vegetation history of the Isles of Scilly, UK: coastal influence and human land use in a small island context. *Journal of Quaternary Science* 30, 764-778 doi:10.1002/jqs.2810

Rahman S 2015 Agroecological, climatic, land elevation and socio-economic determinants of pesticide use at the farm level in Bangladesh. *Agriculture, Ecosystems and Environment* 212, 187-197 doi:10.1016/j.agee.2015.07.002

Rahman S 2015 Micro-determinants of income Inequality and consumption in rural Bangladesh. *Journal of Poverty Alleviation and International Development* 6 107-134

Rahman S, Barmon BK 2015 Productivity and efficiency impacts of urea deep placement technology in modern rice production: An empirical analysis from Bangladesh. *Journal of Developing Areas* 49, 119-134 doi:10.1353/jda.2015.0158

Rahman S, Barmon BK 2015 Exploring the potential to improve energy saving and energy efficiency using fertilizer deep placement strategy in modern rice production in Bangladesh. *Energy Efficiency* 8, 1241-1250 doi:10.1007/s12053-015-9391-x

Rahman, S., Awerije, B.O. 2015. Technical and scale efficiency of cassava production system in Delta State, Nigeria: an application of Two-Stage DEA approach. *Journal of Agriculture and Rural Development in the Tropics and Subtropics*. 116: 59–69. doi: urn:nbn:de:hebis:34-2015011347155.

Rahman, S., Chima, C.D. 2015. Determinants of modern technology adoption in multiple food crops in Nigeria: a multivariate probit approach. *International Journal of Agricultural Management*. 4: 100-109. doi: 10.5836/ijam/2015-03-100.

Rahman S, Kazal MMH 2015 Determinants of crop diversity in the regions of Bangladesh (1990-2008). *Singapore Journal of Tropical Geography* 36, 83-97 doi:10.1111/sjtg.12086

Rahman S, Kazal MMH 2015 Whether crop diversification is energy efficient: An empirical analysis from Bangladesh. *Renewable and Sustainable Energy Reviews* 45, 745-754 doi:10.1016/j.rser.2015.02.019

Roland, T.P., **Daley, T.J.**, Caseldine, C.J., Charman, D.J., Turney, C.S., Amesbury, M.J., Thompson, G.J., Woodley, E.J. 2015 The 5.2 ka climate event: evidence from stable isotope and multi-proxy palaeoecological peatland records in Ireland, *Quaternary Science Reviews* 124, 209-223 DOI:10.1016/j.quascirev.2015.07.026

Salvati, L., Ferrara, A., Mancino, G., **Kelly, C. L.**, Chianucci, F. & Corona, P. 2015 A multidimensional statistical framework to explore seasonal profile, severity and land-use preferences of wildfires in a Mediterranean country. *International Forestry Review*, 17, 485-497.

Simas T, O'Hagan AM, O'Callaghan J, Hamawi S, Magagna D, **Bailey I**, Greaves D, Saulnier J-B, Marina D, Bald J, Huertas C, Sundberg J 2015 Review of consenting processes for ocean energy in selected European Union Member States. *International Journal of Marine Energy* 9, 41-59 doi:10.1016/j.ijome.2014.12.001

Simpson P 2015 What remains of the intersubjective? On the presencing of self and other. *Emotion, Space and Society* 14, 65-73 doi:10.1016/j.emospa.2014.04.003

Smith HG, Evrard O, **Blake WH**, Owens PN 2015 Preface-Addressing challenges to advance sediment fingerprinting research. *Journal of Soils and Sediments* 15 2033-37 doi:10.1007/s11368-015-1231-2

Stokes M, **Mather AE** 2015 Controls on modern tributary-junction alluvial fan occurrence and morphology: High Atlas Mountains, Morocco. *Geomorphology* 248, 344-362 doi:10.1016/j.geomorph.2015.08.003

Telfer MW, Fyfe RM, Lewin S 2015 Automated mapping of linear dunefield morphometric parameters from remotely-sensed data. *Aeolian Research* 19, 215-224 doi: 10.1016/j.aeolia.2015.03.001

Trondman A-K, Gaillard M-J, Mazier F, Sugita S, **Fyfe R**, et al. 2015 Pollen-based quantitative reconstructions of Holocene regional vegetation cover (plant-functional types and land-cover types) in Europe suitable for climate modelling. *Global Change Biology* 21, 676-697 doi:10.1111/gcb.12737

Tyrrell N, Harmer N 2015 A good move? Young people's comparisons of rural and urban living in Britain. *Childhood: a global journal of child research* 22, 551-565 doi:10.1177/0907568214566822

Ward KJ 2015 Geographies of exclusion: Seaside towns and Houses in Multiple Occupancy. *Journal of Rural Studies* 37, 96-107 doi:10.1016/j.jrurstud.2014.10.001

Wilson GA 2015 Community Resilience and Social Memory. *Environmental Values* 24, 227-257 doi:10.3197/096327114X13947900182157

Wilson GA, Burton RJF 2015 'Neo-productivist' agriculture: Spatio-temporal versus structuralist perspectives. *Journal of Rural Studies* 38, 52-64 doi:10.1016/j.jrurstud.2015.02.003

Yarwood R 2015 Miniaturisation and the representation of military geographies in recreational war-gaming. *Social and Cultural Geography* 16, 654-674 doi:10.1080/14649365.2014.1001430

Yarwood R 2015 Lost and hound: The more-than-human networks of rural policing. *Journal of Rural Studies* 39, 278-286 doi:10.1016/j.jrurstud.2014.11.005

Yarwood R, Paasche T 2015 The Relational Geographies of Policing and Security. *Geography Compass* 9, 362-370 doi:10.1111/gec3.12216

Yiğitbaşıoğlu H, Dean JR, Eastwood WJ, **Roberts N**, Jones, MD, Leng MJ 2015 A 600 year-long drought index for central Anatolia. *Journal of Black Sea/Mediterranean Environment* Special Issue: 84-88

Internet outputs

- Bailey IG, Compston H No shocks in Plaid Cymru's green energy nationalism. *The Conversation* 10/04/2015
- Bailey IG, Compston H Labour ready to go green, but remains grey on detail. *The Conversation* 14/04/2015
- Bailey IG Tories promise more of the same on energy and the environment. *The Conversation* 15/04/2015

- Bailey IG, Compston H Greens go big on environment but what's the political end game? *The Conversation* 15/04/2015
- Bailey IG, Compston H Lib Dems in step with the IPCC on climate. *The Conversation* 16/04/2015
- Bailey IG, Compston H UKIP policies would make climate change worse. *The Conversation* 16/04/2015
- Bailey IG, Compston H The Green Party's top policies. *The Conversation* 17/04/2015
- Bailey IG, Compston H Has the amount of renewable electricity trebled? *The Conversation* 23/04/2015
- Bailey IG, Compston H SNP is full of energy, but gives and takes on climate change. *The Conversation* 24/04/2015
- Bailey IG, Compston H The SNP's top policies. *The Conversation* 03/05/2015

New External Research grants and contracts awarded in 2015 (>£3k)

Chris Balch £12,000 (out of £24,000) from the Royal Town Planning Institute on "the role of Local Enterprise Partnerships in Strategic Planning in the South West", 2015-16, with partners Hardisty Jones Economic Consultancy and Mary Elkington

Will Blake £44,000 from Natural England for a) "Assessing the suitability of potential Freshwater Pearl Mussel translocation sites in the River Clun" and b) "Temporal and spatial patterns of phosphorus concentration across the ditch system of West Sedgemoor SSSI", 2015-16

Andra Iurian and Will Blake €183,455 from EC Horizon 2020 for "Sediment linkage between land, river and sea: evaluating impacts of historic mining on sediment quality in the coastal zone" (MSC Research Fellowship), 2015-17

Ralph Fyfe, £30,000 from SWW/ENPA for "Climate and land use change on Exmoor" (PhD studentship), 2015-18

David Gilvear, £53,750 from Scottish Natural Heritage for "Mapping river ecosystem services and flows" (PhD studentship), 2015-18

Rebecca Johnson, £11,500 (out of £23,000) from the Department for Transport to conduct a "Rapid Evidence Review of the impact of a person's impairment when accessing transport and the social and economic losses as a result." working with ITP consultants.

Neil Roberts, Ralph Fyfe and Jessie Woodbridge, £160,000 (out of £300,000) from Leverhulme Trust, for a project entitled "Changing the Face of the Mediterranean", 2015-18, with UCL

Naomi Tyrrell, £140,000 (out of £334,000) from ESRC for a project entitled 'Here to Stay? Identity, belonging and citizenship among Eastern European

settled migrant children in the UK (a decade after EU Enlargement)', collaborative with Strathclyde and Glasgow.

Geoff Wilson £35,000 Norwegian Research Council for a 4-year project on 'Towards a biosmart economy in Norway (BIOSMART)' (led by the Institute of Rural Research, Trondheim, Norway), 2015-2018

Richard Yarwood, £8,732 from the Seale Hayne Trust for a study into 'Farming, Dementia and Networks of Care'. This will be run in partnership with the Farming Community Network and the Alzheimer's Society

Conferences organised in 2015

Will Blake, co-organised session at EGU, April 2015: HS9.2/GM7.11/SSS9.24 Quantifying fine sediment redistribution in river catchments: linking monitoring, modelling and tracing

Ralph Fyfe, organised session at INQUA, Japan, August 2015: Environmental consequences of the onset and development of agricultural societies

Stephanie Mills and **Anne Mather**, Co-organised and co-led session at Women in STEM conference, Plymouth University, March 2015

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

Bailey, I. editorial board of *Environment and Planning C*, on editorial board of *Open Political Science Journal* and of *Geography Compass*; UK Management Committee Representative, European Cooperation in Science and Technology (COST Action IS1309), Innovations in Climate Governance: Sources, Patterns and Effects (INOGO); Expert Reviewer Intergovernmental Panel on Climate Change Fifth Assessment Report, Working Group III (Mitigation).

Balch, C. member of DCLG Academic Roundtable on Neighbourhood Planning

Blake, W. sub editor for the *International Journal of Wildland Fire*, Board Member, International Association for Sediment Water Science, Agreement Holder within IAEA Coordinated Research Programme on Land Degradation

Brayshay, M. editor of the *Transactions of the Devonshire Association*

Downs, P. Member of the British Society for Geomorphology 'Anthropocene' working group; UK representative to the International Association of Geomorphologists; Invited member of the Environment Agency's Steering Group for their Flood and Coastal Erosion Risk Management R&D Programme; Initial Assessor for candidates applying for Royal Geographical Society Chartered Geographer (C.Geog) status.

Essex, S. Royal Town Planning Institute Assessor for Assessment of Professional Competence for Chartered Membership, Panel Member of peer reviewers for

Advanced Olympic Research Grant Programme, International Olympic Committee Olympic Studies Centre, Lausanne.

Gilvear D.J. Editorial board - *River Research and Applications*; member of the Board of the International Society of River Science; Member of Scientific Committee to 3rd International Society for River Science Symposium "Achieving Healthy and Viable Rivers", Beijing, China, 2013.

Holton, M. RGS-IBG Social and Cultural Geography Research Group Treasurer

Lavau, S. Invited expert on the Food Standards Agency's Register of Specialists; Reviewer for Research Council of Norway

Mather, A. editorial board of *Geomorphology* and *Iberian Geology*; member Fluvial Archives Group (FLAG) Committee (QRA)

Rahman, S. editorial board of *International Journal of Agricultural Management*, and on editorial board of *Singapore Journal of Tropical Geography*; Article Editor of Sage Open; Special Issue Editor on 'Agriculture and Rural Development' in *Agriculture* (a MDPI journal).

Roberts, N. Editor, *Quaternary Science Reviews*, editorial board for the Holocene and for Alpine and Mediterranean Quaternary; Secretary to the Conference of Heads of Geography in UK Higher Education Institutions

Shaw, J. International Editorial Board of *Journal of Transport Geography*; International Editorial Board of *Travel Behaviour and Society*; member of the First Great Western Advisory Board

Simpson, P. Chair for the RGS-IBG History and Philosophy of Geography Research Group; Member of the 'International Ambiances Network' Steering Committee.

Telfer, M., external reviewer for the DFG (Germany) and ISF (Israel)

Tyrrell, N. Awards Officer, Geographies of Children, Youth and Families Research Group, Royal Geographical Society

Whitehouse, N. AHRC Peer Review College and Panel member; INQUA President of Humans & Biosphere Commission and Executive Committee; Editorial Board, *Quaternary International*; *Journal of Archaeological Science: Reports*; Committee member, Association for Environmental Archaeology

Wilson, G. editorial board of *Journal of Rural Studies* and *Land Degradation and Development*; 2013-2016 Section editor (Rural Geography/Environmental Geography) for *Encyclopedia of Human Geography* (Wiley)

Yarwood, R. editorial board of *International Journal of Rural Crime* and on editorial advisory group of *Geography*

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

Blake, W., PhD, UEA (May 2015)

Downs, P. PhD, Kings College London, (Oct 2015) and MSc Thesis Committee external member (2015), PUC de Chile

Rahman, S., PhD, University of Western Australia, Perth, Australia (May 2015), PhD, University of Newcastle, UK (June 2015)

Shaw, J, PhD, Loughborough, January 2015; PhD, Ulster, March 2015; MPhil, Reading, November 2015.

Research Degrees awarded (2015)

De Groot, Jiska, PhD Attitudes to marine energy in small island communities, INTERREG-MERIFIC), I Bailey (DoS)

Geach, Martin, PhD Quaternary landscape evolution in the semi-arid Spain. A Mather (DoS), M Telfer

Wheeler, Rebecca, PhD 'Experiences of Place and Change in Rural Landscapes: Three English Case Studies' Richard Yarwood (DoS), Ian Bailey and Paul Simpson.