

**DISCOVER  
WITH  
PLYMOUTH  
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**Centre for Research in Environment  
and Society**

**Research Report 2016**

## Edited Book

**Gilvear, D.J.**, Greenwood, M.T., Thoms, M.C. and Wood, P.J. (Eds) 2016 *River Science: Research and Management for the 21st Century*. Wiley-Blackwell, ISBN: 978-1-119-99434-3

## Book chapters

**Awerije BO, Rahman S** 2016 Technical, Cost and Allocative Efficiency of Processing Cassava into Gari in Delta State, Nigeria. In: *Handbook on Cassava Production, Potential Uses and Recent Advances*. New York Nova Science Publishers, 201-216

**Bailey I** 2016 Climate change policy, In: *The International Encyclopedia of Geography: People, the Earth, Environment, and Technology*, London: John Wiley Blackwell, 1-12

Charman DJ, Dudley P, **Fyfe RM**, Gehrels M, Gehrels W, Hatton J, Perez M, Shepherd F, Tapper B 2016 Palaeoenvironmental analysis, In: *The Lyonesse Project: a study of the historic coastal and marine environment of the Isles of Scilly*. Truro, 151-184

Charman DJ, Dudley P, **Fyfe RM**, Gehrels M, Gehrels W, Hatton J, Perez M, Shepherd F, Tapper B 2016 Sea-level change on the Isles of Scilly, In: *The Lyonesse Project: a study of the historic coastal and marine environment of the Isles of Scilly*. Truro, 185-194

**Chima CD, Rahman S** 2016 Socio-Economic Determinants of Modern Technology Adoption and the Influence of Farm Size on Productivity and Profitability in Cassava Production: A Case Study from South-Eastern Nigeria. In: *Handbook on Cassava Production, Potential Uses and Recent Advances*. New York Nova Science Publishers, 55-86

Cook S, **Shaw J, Simpson P** 2016 Running Order: Urban Public Space, Everyday Citizenship and Sporting Subjectivities, In: *Critical Geographies of Sport: Space, Power and Sport in Global Perspective*. London, Routledge

**Downs, P.W.** and Real de Asua, R. (2016) Modelling catchment processes. In Kondolf, G.M. and Piegay, H. (eds.) *Tools in Fluvial Geomorphology*, second edition, Chichester, J. Wiley & Sons, pp.159-179.

**Essex, S. & de Groot, J.** (2017) The Winter Olympics: driving urban change, 1924-2022, in Gold, J.R. & M.M. (Eds.) *Olympic Cities*, Third Edition, Routledge, London, pp.64-89.

**Essex, S.** (2016) Platform for Local Political Expression and Resolution (Barcelona 1992), in BAJC, V. (Ed.) *Surveilling and Securing the Olympics: From Tokyo 1964 to London 2012 and beyond*, Palgrave Macmillan, Basingstoke, pp.218-237. ISBN 978-0-230-28955-0.

**Fyfe RM**, Blackford JJ, Hardimann M, Hazell Z, MacLeod A, Perez M, Littlewood S 2016 The environment of the Whitehorse Hill cist, In: *Preserved in the Peat. An*

*Extraordinary Bronze Age Burial on Whitehorse Hill, Dartmoor, and Its Wider Context.* Oxford, Oxbow Books, 158-181

**Fyfe RM**, Perez M 2016 The pollen and non-pollen palynomorphs from the cist samples, In: *Preserved in the Peat An Extraordinary Bronze Age Burial on Whitehorse Hill, Dartmoor, and Its Wider Context.* Oxford, Oxbow Books, 60-62

Gearey B, **Fyfe RM** 2016 Peatlands as knowledge archives, In: *Peatland Restoration and Ecosystem Services Science, Policy and Practice.* Cambridge University Press, 95-113

Greenwood, S.L., **Clason, C.C.** & Jakobsson, M., (2016), Ice-flow and meltwater assemblages in the Gulf of Bothnia, in Dowdeswell, J.A., Canals, M., Jakobsson, M., Todd, B.J., Dowdeswell, E.K. & Hogan, K.A. (eds), *Atlas of Submarine Glacial Landforms: Modern, Quaternary and Ancient.* Geological Society, London, Memoirs, 46, 321–324, <http://doi.org/10.1144/M46.163>

**Yarwood RB** 2016 Citizenship, In: *An Introduction to Human Geography.* London, Pearson, 399-469

**Yarwood RB** 2016 Rural Citizenship, In: *The International Encyclopedia of Geography: People, the Earth, Environment, and Technology.* Wiley

**Yarwood RB**, Wooff A 2016 Policing the countryside in a devolving United Kingdom. In: *The Routledge International Handbook of Rural Criminology.* Routledge, 375-386

### Refereed journal articles

Ash J, **Simpson P**, 2016 Geography and Post-phenomenology. *Progress in Human Geography*, 40(1) pp. 48-66

**Bailey I** 2016 Renewable energy, neoliberal governance and the tragedy of the Cornish commons, *Area*, 48 (1): 119-121

**Bailey IG**, Jackson Inderberg TH 2016 New Zealand and climate change: what are the stakes and what can New Zealand do? *Policy Quarterly* 12, 3-12

Beller EE, **Downs PW**, Grossinger RM, Orr BK, Salomon MN 2016 From past patterns to future potential: using historical ecology to inform river restoration on an intermittent California river. *Landscape Ecology* 31, 581-600

Boon PJ, Willby N, **Gilvear D**, Pryce D 2016 The regional hyporheic fauna of gravel-bed rivers and environmental controls on its distribution. *Fundamental and Applied Limnology / Archiv für Hydrobiologie* 187, 223-239

Brewer S, Giesecke T, Davis BAS, Finsinger W, Wolters S, Binney H, de Beaulieu J-L, **Fyfe R**, Gil-Romera G, Kühl N, Kuneš P, Leydet M, Bradshaw RH 2016 Late-glacial and Holocene European pollen data. *Journal of Maps* 1-8

Brown, G., **Essex, S.**, Assaker, G. & Smith, A. (2017) Event satisfaction and behavioural intentions: examining the impact of the London 2012 Olympic

Games on participation in sport, *European Sport Management Quarterly*, 17 (3), 331-348. doi: <http://dx.doi.org/10.1080/16184742.2017.1294193>

**Clason, C.C.**, Greenwood, S.L., Selmes, N., Lea, J.M., Jamieson, S.S.R., Nick, F.N. & Holmlund, P., (2016), Controls on the early Holocene collapse of the Bothnian Sea Ice Stream, *Journal of Geophysical Research: Earth Surface*, 121, 2494–2513, doi:10.1002/2016JF004050

Compston H, **Bailey I** 2016 Climate policy strength compared: China, the US, the EU, India, Russia, and Japan, *Climate Policy* 16 (2): 145–164

Cook S, Davidson A, Stratford E, Middleton J, Plyushteva A, Fitt H, Cranston S, **Simpson P**, Delaney H, Evans K, Jones A, Kershaw J, Williams N, Bissell D, Duncan T, Sengers F, Elvy J, Wilmott C 2016 Co - Producing Mobilities : negotiating geographical knowledge in a conference session on the move. *Journal of Geography in Higher Education* 40(3), 340-74.

Cook S, **Shaw J**, **Simpson P**, 2016 Jography: exploring the meanings, experiences and spatialities of road running. *Mobilities* 11(5) pp. 744-769.

Cotton D, Miller W, Winter J, **Bailey I**, Sterling S 2016 Knowledge, agency and collective action as barriers to energy-saving behaviour *Local Environment*. 21, 1-15

**Daley TJ**, Barber KE, Hughes PDM, Loader NJ, Leuenberger M, Street-Perrott FA 2016 The 8.2-ka BP event in north-eastern North America: first combined oxygen and hydrogen isotopic data from peat in Newfoundland. *Journal of Quaternary Science* 31, 416-425

Dawson D, **Shaw J**, Gehrels R 2016 Sea-level change and transport infrastructure: the case of the coastal railway line at Dawlish, England. *Journal of Transport Geography* 51, 97-109

**de Groot J**, **Bailey I** 2016 What drives attitudes towards offshore renewable energy in island communities? *International Journal of Marine Energy* 13, 80–95

**Downs PW**, Soar PJ, Taylor A 2016 The anatomy of effective discharge: the dynamics of coarse sediment transport revealed using continuous bedload monitoring in a gravel-bed river during a very wet year. *Earth Surface Processes and Landforms* 41, 147-161

Everett, A., Murray, T., Selmes, N., Rutt, I., Luckman, A., James, T.D., **Clason, C.C.**, O’Leary, M., Karunaratna, H., Moloney, V. & Reeve, D., (2016), Annual down - glacier drainage of lakes and water - filled crevasses at Helheim Glacier, south east Greenland, *Journal of Geophysical Research: Earth Surface*, 121, 1819–1833

Ferrara, A., **Kelly, C.**, **Wilson, G. A.**, Nolè, A., Mancino, G., Bajocco, S. and Salvati, L. (2016). Shaping the role of 'fast' and 'slow' drivers of change in forest-shrubland socio-ecological systems. *Journal of environmental management*, 169: 155-166.

Gaillard, M.-J.; Morisson, K. and **Whitehouse, N.J.** 2015. Past anthropogenic land use and land cover change at the global scale for climate modeling studies: PAGES LandCover6K Working Group. *Quaternary Perspectives* 22(2), 25-27

Greenwood, S.L., **Clason, C.C.**, Helanow, C. & Margold, M., (2016), Theoretical, contemporary observational and palaeo perspectives on ice sheet hydrology: processes and products, *Earth-Science Reviews*, 155, 1-27

Greenwood, S.L., **Clason, C.C.**, Nyberg, J., Jakobsson, M. & Holmlund, P., (2016), The Bothnian Sea ice stream: early Holocene retreat dynamics of the south-central Fennoscandian Ice Sheet, *Boreas*, DOI: 10.1111/bor.12217

Holmes JA, Tindall J, **Roberts N, Marshall W**, Marshall JD, Bingham A, Feeser I, O'Connell M, Atkinson T, Jourdan A-L, March A, Fisher EH 2016 Lake isotope records of the 8200-year cooling event in western Ireland: Comparison with model simulations. *Quaternary Science Reviews* 131, 341-349

**Holton MJW**, Riley M 2016 Student geographies and homemaking: personal belonging(s) and identities. *Social and Cultural Geography* 17(5), 623-645

Hu Z, **Rahman S** 2016 Beyond a bottle of liquid: pesticide dependence in transitional rural China. *Local Environment* 21(8): 919-38

Izdebski A, Pickett J, **Roberts N**, Waliszewski T 2016 The environmental, archaeological and historical evidence for regional climatic changes and their societal impacts in the Eastern Mediterranean in Late Antiquity. *Quaternary Science Reviews* 136, 189-208

Lancelotti C, Zurro D, **Whitehouse NJ**, Madella M, Kramer K, García-Granero JJ, Greaves R 2016 Resilience of small-scale societies' livelihoods: a framework for studying the transition from food gathering to food production. *Ecology and Society* 21(4): 8

Leger, C., **Balch, C. & Essex, S.** (2016) Understanding the planning challenges of brownfield development in coastal urban areas of England, *Planning Practice and Research*, 31 (2), pp.119-131. doi: <http://dx.doi.org/10.1080/02697459.2016.1146428>.

Loader NJ, Street-Perrott FA, Mauquoy D, Roland TP, van Bellen S, **Daley TJ**, Davies D, Hughes PDM, Pancotto VO, Young GHF, Amesbury MJ, Charman DJ, Mallon G, Yu ZC 2016 Measurements of hydrogen, oxygen and carbon isotope variability in Sphagnum moss along a micro-topographical gradient in a southern Patagonian peatland. *Journal of Quaternary Science* 31, 426-435

Luterbacher J, Werner JP, Smerdon JE, Fernández-Donado L, González-Rouco FJ, Barriopedro D, Ljungqvist FC, Büntgen U, Zorita E, Wagner S, Esper J, McCarroll D, Toreti A, Frank D, Jungclaus JH, Barriendos M, Bertolin C, Bothe O, Brázdil R, Camuffo D, Dobrovolský P, Gagen M, García-Bustamante E, Ge Q, Gómez-Navarro JJ, Guiot J, Hao Z, Hegerl GC, Holmgren K, Klimenko VV, Martín-Chivelet J, Pfister C, **Roberts N**, Schindler A, Schurer A, Solomina O, von Gunten L, Wahl E, Wanner H, Wetter O, Xoplaki E, Yuan N, Zanchettin D, Zhang H, Zerefos C 2016 European

summer temperatures since Roman times. *Environmental Research Letters* 11 24001

**Mather A**, Stokes M 2016 Extracting palaeoflood data from coarse-grained Pleistocene river terrace archives: an example from SE Spain. *Earth Surface Processes and Landforms* 41,1991-2004

McClatchie M, Bogaard A, Colledge S, **Whitehouse NJ**, Schulting RJ, Barratt P, McLaughlin TR 2016 Farming and foraging in Neolithic Ireland: an archaeobotanical perspective. *Antiquity* 90, 302-318

McLaughlin, T. R., **Whitehouse, N. J.**, Schulting, R. J., McClatchie, M., Barratt, P. and Bogaard, A. 2016. The Changing Face of Neolithic and Bronze Age Ireland: A Big Data Approach to the Settlement and Burial Records. *Journal of World Prehistory* 29, 117-153. doi:10.1007/s10963-016-9093-0

Moskal, M., **Tyrrell, N.** 2016 Family migration decision-making, step-migration and separation: children's experiences in European migrant worker families. *Children's Geographies*, 14(4), 453-467.

Owens PN, **Blake WH**, Gaspar L, Gateuille D, Koiter AJ, Lobb DA, Petticrew EL, Reiffarth DG, Smith HG, Woodward JC 2016 Fingerprinting and tracing the sources of soils and sediments: Earth and ocean science, geoarchaeological, forensic, and human health applications. *Earth-Science Reviews* 162, 1-23

Palazón L, Latorre B, Gaspar L, **Blake WH**, Smith HG, Navas A 2016 Combining catchment modelling and sediment fingerprinting to assess sediment dynamics in a Spanish Pyrenean river system. *Science of The Total Environment* 569-570, 1136-1148

Prior J, **Ward KJ** 2016 Rethinking rewilding: A response to Jørgensen. *Geoforum* 69, 132-135

**Rahman S** 2016 Jointness in farmers' decision to apply pesticides in multiple crops and its determinants at the farm level in Bangladesh. *International Journal of Pest Management* 62,149-157

**Rahman S** 2016 Profitability, input demand and output supply of mustard production in Bangladesh. *Journal of Oilseeds Research* 33, 14-21

**Rahman S, Awerije B** 2016 Exploring the potential of cassava in promoting agricultural growth in Nigeria. *Journal of Agriculture and Rural Development in the Tropics and Subtropics* 117, 149-163

**Rahman S, Chima C** 2016 Determinants of Food Crop Diversity and Profitability in Southeastern Nigeria: A Multivariate Tobit Approach. *Agriculture* 6, 14

**Rahman S**, Kazal M, Begum I, Alam M 2016 Competitiveness, Profitability, Input Demand and Output Supply of Maize Production in Bangladesh. *Agriculture* 6, 21

**Rahman, S.** 2016. Agricultural productivity, diversity and sources of growth in 20<sup>th</sup> century Bangladesh, 1903-1942". *Asian Profile*. 44(6), 521-534.

**Rahman, S.** 2016. Impacts of climate change, agroecology and socio-economic factors on agricultural land use diversity in Bangladesh (1948-2008). *Land Use Policy*, 50(1), 160-178.

**Roberts N, Allcock SL,** Arnaud F, Dean JR, Eastwood WJ, Jones MD, Leng MJ, Metcalfe SE, Malet E, **Woodbridge J,** Yigitbasioglu H 2016 A tale of two lakes: a multi-proxy comparison of Lateglacial and Holocene environmental change in Cappadocia, Turkey. *Journal of Quaternary Science* 31, 348-362

Ruddiman WF, Fuller DQ, Kutzbach JE, Tzedakis PC, Kaplan JO, Ellis EC, Vavrus SJ, **Roberts CN, Fyfe R,** He F, Lemmen C, **Woodbridge J** 2016 Late Holocene climate: Natural or anthropogenic? *Reviews of Geophysics* 54, 93-118

Ryken N, Al-Barri B, Taylor A, **Blake W,** Maenhout P, Sleutel S, Tack FMG, Dierick M, Bode S, Boeckx P, Verdoodt A 2016 Quantifying the spatial variation of Be-7 depth distributions towards improved erosion rate estimations. *Geoderma* 269, 10-18

Sabiha, N-E., Salim, R., **Rahman, S.,** Rola-Rubzen, M.F. 2016. Measuring environmental sustainability in agriculture: A Composite Environmental Impact Index approach. *Journal of Environmental Management*. 166, 84-93.

Salvati, L., Kosmas, C., Kairis, O., Karavitis, C., Acikalin, S., Belgacem, A., Solé-Benet, A., Chaker, M., Fassouli, V., Gokceoglu, C., Gungor, H., Hessel, R., Khatteli, H., Kounalaki, A., Laouina, A., Ocakoglu, F., Ouessar, M., Ritsema, C., Sghaier, M., Sonmez, H., Taamallah, H., Tezcan, L., de Vente, J., **Kelly, C.,** Colantoni, A. and Carlucci, M. (2016). Assessing the effectiveness of sustainable land management policies for combating desertification: A data mining approach. *Journal of Environmental Management*, 183, Part 3: 754-762.

**Smith A,** Martin D & Cockings S 2016 'Spatio-Temporal Population Modelling for Enhanced Assessment of Urban Exposure to Flood Risk' *Applied Spatial Analysis and Policy* 9, (2) 145-163

Staples, J. & **Essex, S.** (2016) Design, disability and the planning challenge: the reality of living with severely disabled children, *Planning Practice and Research*, 31 (3), pp.327-346. <http://dx.doi.org/10.1080/02697459.2016.1174974>

Taylor A, Keith-Roach MJ, **Iurian AR,** Mabit L, **Blake WH** 2016 Temporal variability of beryllium-7 fallout in southwest UK. *Journal of Environmental Radioactivity* 160, 80-86

Turner, J. & **Essex, S.** (2016) Integrated terrestrial and marine planning in England's coastal inter-tidal zone: assessing the operational effectiveness of the Coastal Concordat, *Marine Policy*, 72, pp.166-175. doi: <http://dx.doi.org/10.1016/j.marpol.2016.07.014>

van Bellen S, Mauquoy D, Hughes PDM, Roland TP, **Daley TJ**, Loader NJ, Street-Perrott FA, Rice EM, Pancotto VA, Payne RJ 2016 Late-Holocene climate dynamics recorded in the peat bogs of Tierra del Fuego, South America. *The Holocene* 26, 489-501

Walker RT, **Telfer M**, Kahle RL, Dee MW, Kahle B, Schwenninger J-L, Sloan RA, Watts AB 2016 Rapid mantle-driven uplift along the Angolan margin in the late Quaternary *Nature Geoscience* 9(12), 909-914

**Wilson GA**, Dyke SL 2016 Pre- and post-installation community perceptions of wind farm projects: the case of Roskrow Barton (Cornwall, UK). *Land Use Policy* 52, 287-296

**Wilson, G. A.**, Quaranta, G., **Kelly, C.** and Salvia, R. (2016). Community resilience, land degradation and endogenous lock-in effects: evidence from the Alento region, Campania, Italy. *Journal of Environmental Planning and Management*, 59: 518-537.

Wolfarth, B.; Muschitiello, F.; Greenwood, S.; Andersson, A.; Kylander, M.; Smittenberg, R.; Steithordottir, M.; Watson, J. and **Whitehouse, N. J.** 2016. Hässeldala - a key site for Last Termination climate events in northern Europe. *Boreas* 10.1111/bor.12207. ISSN 0300-9483.

### **New External Research grants and contracts awarded in 2016 (>£3k)**

**Ian Bailey** £99,521 from INTERREG V (EU) on Intelligent community energy

**Will Blake, David Gilvear, Neil Roberts, Geoff Wilson** £167,500 from RCUK/Dfid Global Challenges Research fund, on Socio-ecological resilience to soil erosion in East Africa (Jali Ardhi [Care for the land] project), with Exeter, Schumacher College, and NMAIST

**Will Blake**, with Taylor, Comber, Goddard and Westcountry Rivers Trust £30,000 from Natural England, on Assessing the suitability of potential Freshwater Pearl Mussel translocation sites in the River Clun (phase 2)

**Peter Downs, David Gilvear**, £11,424 from Westcountry River Trust / South West Water on Monitoring and Evaluation of Biophysical Status Alterations caused by Gravel Augmentation on Dam-impacted Rivers in South West England

**Peter Downs, David Gilvear**, £5,565 from Westcountry Rivers Trust/Wessex Water on gravel augmentation feasibility study

**Peter Downs**, EU Marie Curie EURIAS Senior Fellowship, £32,760

**Stephen Essex** £21,000 from ESRC-NRF on Urban transformation in South Africa

**Ralph Fyfe with Katie Head**, £4,212 from UK Met Office on Aeropollen monitoring

**Ralph Fyfe**, £3,100 from Southwest Archaeology for Assessment of coastal environmental sequence from Eastern Green, Penzance.



**Anne Mather**, €16,000. From National Geographic, on Catastrophic flood events of the Atacama desert, Northern Chile

**Anne Mather, Matt Telfer** £8,000 from RGS (Thesiger Oman award) on Bedrock landsliding - a proxy for deciphering Quaternary climate in the NW Sahara (Morocco)?

**Jon Shaw** £5,000 from Norwegian Research Council on Smart mobility in the suburbs

**Nicki Whitehouse** £130,132 Heritage Lottery Funding (with North Lincolnshire County Council) for 'Reconstructing the 'Wildscape'; Thorne and Hatfield Moors Hidden Landscapes (Wildscape HHLF)'

**Geoff Wilson** £100,000 from GCRF-ESRC with (Al-Dajani as PI and Hoyda Dalkal as researcher) on Resilience of Syrian refugees, Jordan

### **Conferences organised in 2016**

**Will Blake** EGU, 2016, Vienna, Co-convened session HS9.2/GM9.8/SSS2.31 on "Measuring and modelling fine sediment sources, transit times and redistribution in river catchments"

**Peter Downs, Anne Mather, Matt Telfer** and others, British Society for Geomorphology, Annual Meeting in Plymouth, September 2016

**Ralph Fyfe** XIV International Pollen Congress, Salvador (Brazil) October 2016: session convenor on "Pollen-based land-cover reconstructions for climate modelling".

**Ralph Fyfe, Jessie Woodbridge**, EGU2016, Vienna (Austria) Apr 2016: Session convenor on Land Cover Change

**Paul Simpson** and Others "Ambiances, Tomorrow": 3<sup>rd</sup> International Congress on Ambiances'. Volos, Greece (21<sup>st</sup>-24<sup>th</sup> September 2016)

**Paul Simpson** and James Ash 'Post-phenomenological Geographies: methods and styles of researching and writing the human: Subjects/Objects/Matters' 2 paper sessions at the RGS-IBG Annual Conference 2016, London (30<sup>th</sup> August – 2<sup>nd</sup> September).

**Matt Telfer**, July 2016: International conference on Aeolian Research (ICAR) IX, Mildura, Australia: Session Convenor on Palaeo-Aeolian Systems

**Nicki Whitehouse**, Sept 2016: EAA (European Association for Archaeologists), Vilnius, Lithuania: Session Convenor on Human land use and subsistence history over the Holocene; Session co-convenor on Multiproxy wetland and lake environmental archaeology: from niche construction theory to ancient DNA

### **Positions on national and international bodies (Editorial boards, committees, etc.), visiting fellowships, etc**

**Bailey, I.** editorial board of *Environment and Planning C*, on editorial board of *Open Political Science Journal*, on editorial board *Geography Compass* UK

Management Committee Representative, European Cooperation in Science and Technology, Innovations in Climate Governance

**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.** Initial Assessor for the RGS-IBG Chartered Geographer award

**Essex, S.** Royal Town Planning Institute Assessor for Assessment of Professional Competence for Chartered Membership.

**Gilvear D.J.** Editorial board - *River Research and Applications*; President of the International Society of River Science

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

**Mather, A.** editorial board of *Geomorphology* and *Iberian Geology and Journal Geol Soc London* (Advisory Member); member Fluvial Archives Group (FLAG) Committee (QRA)

**Rahman, S.** editorial board of *International Journal of Agricultural Management*, editorial board of *Singapore Journal of Tropical Geography*, and editorial board of *Sage Open*; Guest Editor of Special Issue 'Agricultural and Rural Development', *Agriculture*. adjunct Professor of Economics, Chiang Mai University, Thailand; University Associate at School of Economics and Finance, Curtin University, Perth, Australia

**Roberts, N.** Editor, *Quaternary Science Reviews*, editorial board for the Holocene and for Alpine and Mediterranean Quaternary; Physical Geography Assessor for RGS-IBG small grants scheme

**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.**, Associate Editor *Aeolian Research*. DFG review Panel member.

**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*; *Alpine and Mediterranean Quaternary (AMQ)*; Committee member, Association for Environmental Archaeology; INQUA Dublin 2019 Congress' Scientific Committee.

**Wilson, G.** editorial board of *Journal of Rural Studies* and *Land Degradation and Development*; 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**

**Ian Bailey**, PhD examiner for Rebecca Pearse, University of New South Wales (January 2016): external examiner for Sustainable Development Masters programmes at Exeter University

**Will Blake**, PhD examiner for Sophie Sherriff, Dundee (March 2016)

**Peter Downs**, PhD examiner for N. Jones (2016) University of the West of England; external examiner for the Physical Geography Masters programmes at QMUL

**Stephen Essex**, PhD examiner for a PhD at St Andrews University (candidate: Lorenzo Pergola)

**Sanzidur Rahman**, PhD examiner for Amir Riaz Chima, University of Reading (November 2016); PhD examiner for Omphile Temoso, University of Adelaide, Australia (May 2016).

**Neil Roberts**, PhD examiner for Michael Simmonds (Reading University)

**Jon Shaw**, External examiner of the PhD thesis, The role of social meanings in everyday mobility (Fitt, Helen) University of Canterbury, New Zealand, 2016.

**Paul Simpson**, PhD examiner for Nina Williams 'An Aesthetic Gait: Research in the Minor Registers of Creativity and Walking' (School of Geographical Sciences, University of Bristol).

**Nicki Whitehouse**, External MSc Examiner for Environmental Archaeology, University of Reading

## **Research Degrees awarded (2016)**

**Fryzlewicz, Malgorzat, PhD** The role of sound recordings in the revitalization of minority languages of the Ainu people (North Japan) and the West Frisians (Netherlands); P Simpson (DoS), G. Wilson

**Rice, Emma**, PhD "Testing the late-Holocene climate signal from ombrotrophic bogs in southernmost Chile and the Falkland Islands: a multi-proxy, multi-profile and multi-site approach", N Roberts (DoS), T Daley

**Whittlesea, Emma, PhD** An investigation into the opportunities and challenges for a low-carbon tourism economy in the south west of England. M Mowforth (DoS), I. Bailey