Centre for Research in Environment and Society

Research Report 2017
Book chapters

**Bailey I**, Jackson Inderberg TH 2017 Australia: Domestic politics, diffusion and emissions trading design as a technical and political project. In *The Evolution of Carbon Markets: Design and Diffusion*. 124-144


Refereed journal articles


Demoulin, A, Mather A, Whittaker A. 2017. Fluvial archives, a valuable record of vertical crustal deformation. *Quaternary Science Reviews* 166, 10-37

Edwards KJ, Fyfe RM, Jackson ST 2017 The first 100 years of pollen analysis. *Nature Plants* (2055-0278) 3


Essex S, Yarwood RB 2017 Changing Places: the armed forces, post-military space and urban change in Plymouth, UK. *Geography* 102, 122-132


Ferreira CSS, Walsh RPD, Blake WH, Kikuchi R, Ferreira AJD 2017 Temporal Dynamics of Sediment Sources in an Urbanizing Mediterranean Catchment. *Land Degradation & Development*

Gholami H, Telfer MW, Blake WH, Fathabadi A 2017 Aeolian sediment fingerprinting using a Bayesian mixing model. *Earth Surface Processes and Landforms*


Gudlaugsson E, Humbert A, Andreassen K, Clason CC, Kleiner T, Beyer S 2017 Eurasian ice-sheet dynamics and sensitivity to subglacial hydrology. *Journal of Glaciology*

Harmer NA 2017 Crude geopolitics: territory and governance in post-peak oil imaginaries. *Territory, Politics, Governance*

Hesse PP, Telfer MW, Farebrother W 2017 Complexity confers stability: Climate variability, vegetation response and sand transport on longitudinal sand dunes in Australia’s deserts. *Aeolian Research* 25, 45-61


Holton M 2017 "It was amazing to see our projects come to life! Developing affective learning during geography fieldwork through tropophilia. *Journal of Geography in Higher Education* 41, 1-15

Holton MJW 2017 Traditional or Non-traditional Students?: Incorporating UK Students’ Living Arrangements into Decisions about Going to University. *Journal of further and higher education*
Holton MJW, Finn K 2017 Being-in-motion: the everyday (gendered and classed) embodied mobilities for UK university students who commute. *Mobilities*

Inderberg THJ, Bailey I, Harmer N 2017 Designing New Zealand’s Emissions Trading Scheme. *Global Environmental Politics* 17, 31-50

Iurian AR, Millward GE, Sima O, Taylor A, Blake W 2017 Self-attenuation corrections for Pb-210 in gamma-ray spectrometry using well and coaxial HPGe detectors. *Applied Radiation and Isotopes*


Kazal MMH, Rahman S, Hossain MZ 2017 Poverty profiles and coping strategies of the haor (ox-bow lake) households in Bangladesh. *Journal of Poverty Alleviation and International Development* 8, 167-191


Latuf de Oliveira Sanchez R, Essex SJ 2017 The challenge of urban design in securing post-event legacies of Olympic Parks. *Journal of Urban Design*


Mills, SC, T.T.Barrows, M.W.Telfer and L.K.Fifield 2017 The cold climate geomorphology of the Eastern Cape Drakensberg: A reevaluation of past climatic conditions during the last glacial cycle in Southern Africa. Geomorphology 278, 184-194


Rahman S, Kazal MMH, Begum IA, Alam MJ 2017 Exploring the future potential of jute in Bangladesh. Agriculture 7, 96

Rech MF 2017 Distant wars visible: the ambivalence of witnessing. Social & Cultural Geography 18, 443-444


Simpson P 2017 Spacing the subject: Thinking subjectivity after non-representational theory. Geography Compass 11


**New External Research grants and contracts awarded in 2017 (>£2k)**

Will Blake, Geoff Wilson, Neil Roberts, Dave Gilvear, Claire Kelly and Maarten Wynants and colleagues from the Nelson Mandela African Institution for Science and Technology in Tanzania; £124,000 from NERC under the GCRF resilience initiative. This follow-on project is linked Jali Ardhi [Care for the Land] project: Realising land management change in degraded Maasai grazing lands.

Caroline Clason: €2,926 from INTERACT Transnational Access to support fieldwork in Sweden on “Glacier Recession as a Source of Environmental Pollutants”.

Tim Daley (PI), Ralph Fyfe and Sabine Lengger (Co-I’s): £30,000 from South West Water - October 2017, duration 3 years. Quantifying spatial variability in carbon service delivery.

Peter Downs and Dave Gilvear; £12,430 via the Westcountry Rivers Trust to monitor for Wessex Water the effectiveness of gravel augmentation in rivers downstream of dams using RFID tags and seismic impacts plates.
Ralph Fyfe, £10,449 Sittaford Stone Circle post-exavcation analysis funded by Dartmoor National Park Authority

Ralph Fyfe, £4,187 Codsend Moors, Exmoor. Analysis funded by Exmoor National Park Authority.

Sanzid Rahman: £6,160 from the Seale-Hayne Trust for research into the impact of women's empowerment on agricultural productivity and efficiency in Bangladesh.

Paul Simpson EUR 85,000 as a Co-I in collaboration with colleagues in Cergy Pontoise, Birmingham and Heidelberg. The project is titled 'Living in the City with Terror: What are the Effects of Different Terrorism Events on Urban Environments / Ambiances?' and is funded by the Initiative d'excellence Paris/Seine.

Nicki Whitehouse, £2,900 from the Carlsberg Foundation to support a sabbatical visit to Denmark; 8000 US from PAGES to support Europe 6000 BP workshop in May 2018 (awarded Dec 2017)

Conferences organised in 2017


Neil Roberts, Ralph Fyfe and Jessie Woodbridge: 3 day workshop meeting organised held in Santuari de Lluc, Mallorca, September, 2017, linked to Leverhulme funded "Changing the Face of the Mediterranean" project, and involving palynologists, archaeologists, geomorphologists, etc.

Nicki Whitehouse: May 2017: PAGES OSM Session, Zaragoza, Spain: Do species move, adapt or die? Exploring past biodiversity, ecological change and community dynamics in the fossil record (Conveners: Nicki Whitehouse, Helen Roe, Donatella Magri, Althea Davies, M. Jane Bunting)

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 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*


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. Geographies of Youth, Children and Families Research Group (RGS-IBG) Social Media Officer.

Mather, A. editorial board of *Geosciences* and *Iberian Geology*; member Fluvial Archives Group (FLAG) Women in Science Showcase Grant as Visiting Academic, Science Faculty, Monash University, Melbourne Australia.

Rahman, S. editorial board of *International Journal of Agricultural Management*, editorial board of *Singapore Journal of Tropical Geography*, editorial board of *Sage Open*, and editorial board of *Agriculture*; Guest Editor of Special Issue ‘Sustainable Agriculture and Development’, *Sustainability*, and Guest Editor of Special Issue ‘Energy and Agriculture’, *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

Shaw, J. International Editorial Board of *Journal of Transport Geography*; International Editorial Board of *Travel Behaviour and Society*; member of the Great Western Railway Stakeholder Advisory Board, Chair of the International Scientific Advisory Board of econex Verkehrconsult

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; PAGES Land6K Global-land Use co-ordinator.

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. editor, *Geography*
External examinations for research degrees and postgraduate taught programmes at Masters Level or equivalent at other institutions

Ian Bailey, PhD examiner for Ross Gillard, (University of Leeds): External examiner for Sustainable Development Masters programmes at Exeter University


Sanzidur Rahman, PhD examiner for Robertson Richards Bisani Khataza, University of Western Australia, Perth, Australia.

Jon Shaw, EngD examiner for Simon Dale (Loughborough University)

Paul Simpson, PhD examiner for Nina Williams (School of Geographical Sciences, University of Bristol)

Neil Roberts, PhD examiner for Julien Azuara (Natural History Museum, Paris)

Matt Telfer PhD examiner for Yajun Li (RHUL)

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


Research Degrees awarded (2017)


Tom Newton, PhD “Holocene sea level changes in the Falkland Islands”; T Daley (DoS)

Francis Rowney, PhD “Ecology and climates of early Middle Pleistocene interglacials in Britain”; N Whitehouse (DoS)

Fiona Thompson, PhD, “Changing Flood Frequency in Scotland: Implications for Channel Geomorphology, Ecology and Management’, D Gilvear (DoS)