

## Staff Publications

- Appleby, J.R., Brook, M.S., Horton, T.W., Fuller, I.C., Holt, K.A. & Quincey, D.J. (2017). Stable isotope ( $\delta D$ - $\delta^{18}O$ ) relationships of ice facies and glaciological structures within the mid-latitude maritime Fox Glacier, New Zealand. *Annals of Glaciology*, doi: 10.1017/aog.2017.11.
- Cain, T and Mansvelt, J (2017). Introduction to Part 3: Places in Aotearoa New Zealand, *Turangawaewae*, Massey University Press, 139-142.
- Clement, A.J.H., Fuller, I.C. & Sloss, C. (2017). Facies architecture, morphostratigraphy, and sedimentary evolution of a rapidly-infilled Holocene incised-valley estuary: the lower Manawatu valley, North Island New Zealand. *Marine Geology*, 390, 214-233. <http://dx.doi.org/10.1016/j.margeo.2017.06.011>.
- Clement, A.J.H., Nováková, T., Hudson-Edwards, K.A., Fuller, I.C., Macklin, M.G., Fox, E.G., Zapico, I. (2017). The environmental and geomorphological impacts of historical gold mining in the Ohinemuri and Waihou river catchments, Coromandel, New Zealand. *Geomorphology* 295,159-175. <http://dx.doi.org/10.1016/j.geomorph.2017.06.011>.
- Clement, A.J.H., Novakova, T., Hudson-Edwards, K., Fuller, I.C., Macklin, M.G., Fox, E.G. & Zapico, I. (2017). The environmental and geomorphological impacts of historical gold mining in the Ohinemuri and Waihou River catchments, Coromandel, New Zealand. *Geomorphology*, 295, 159-175.
- Fuller, I.C. *Extending flood records: archives and mud*. Waipukurau Rotary Club Public Lecture, Waipukurau, 1 May 2017.
- Fuller, I.C. Macklin, M.G., Toonen, W. & Holt, K.A. (2017). *Long-term river dynamics and flooding in the Hutt Valley: implications for flood risk and climate change resilience assessment*. Report prepared for Greater Wellington Regional Council.
- Fuller, I.C. *Time for a change: living with the Manawatu River*. U3A, Public Lecture, 17<sup>th</sup> March 2017, Palmerston North.
- Fuller, I.C. *Understanding sediment pathways from slope to channel in steep terrain*. Wai Tairāwhiti – Collaborative Freshwater Management Workshop, Tolaga Bay, 3-4 May 2017.
- Holdsworth C.N., McColl S.T., Fuller I.C., (2017). Daily to seasonal movement patterns of a large, slow-moving landslide, central North Island, New Zealand. Poster Presentation. 4th World Landslide Forum. 29 May-2 June, 2017.
- Holdsworth, C.N., McColl, S.T. & Fuller, I.C. *Daily to seasonal movement patterns of a large, slow-moving landslide, central North Island, New Zealand*. Poster presented at the 4<sup>th</sup> World Landslide Forum, Ljubljana, Slovenia, 29 May- 3 June 2017.
- Mansvelt J, Cain T and Dupuis A (2017). 'Physical places. Home as place' *Turangawaewae Identity and Belonging in Aotearoa New Zealand*, Massey University Press, 145-163.
- Mansvelt, J (2017). "Consumption" *The International Encyclopedia of Geography: People, the Earth, Environment, and Technology*, John Wiley & Sons, Ltd, DOI: 10.1002/9781118786352.wbieg0234
- Mansvelt, J and Elms J (2017) 'Pleasure or pain? Information and Communication Technologies and the possibilities of ageing well' EMOGEO 2017, 14-16<sup>th</sup> June, Long Beach, California.
- Mansvelt J, (2017). 100% Pure – Clean, green and proud of it! *Turangawaewae Identity and Belonging in Aotearoa New Zealand*, Massey University Press, 231-247.
- Marchese, E., Scorpio, V., Fuller, I., McColl, S. and Comiti, F., (2017). Morphological changes in alpine rivers following the end of the Little Ice Age. *Geomorphology*.
- McColl, S.T., Cody, E., Draebing, D. (2017). Development of an ice-buttressed slope failure: Mueller Rock-slide, New Zealand. Oral Presentation, Progressive Rock Failure, Ascona, Switzerland, 05 Jun 2017 - 09 Jun 2017.
- McColl, S.T., Fuller, I.C., Anderson, B., Tate, R. (2017). Hillslope failure and paraglacial reworking of sediments in response to glacier retreat, Fox Valley, New Zealand. *Geophysical Research Abstracts*, 19, EGU2017-170.
- Neverman, A.J., Fuller, I.C., Death, R.G., Singh, R. & Procter, J.N. (2017). Measuring the connections between hydrology and bedload transport to manage nuisance periphyton: a case study from the Pohangina River, New Zealand. *Geophysical Research Abstracts*, 19, EGU2017-304.
- Roche, M. (2017). 'Rural Change' to 'Mapping the Land Trapping the Land workshop'. Hocken Library Dunedin 29 June. Centre for Research into Colonial Societies, University of Otago.
- Roche, M. (2017). Seeing Scenic New Zealand: W.W. Smith's Eye and The Scenery Preservation Commission 1904-1906. *International Review of Environmental History* 3, 177-197.
- Roche, M. (2017). Forest governance and sustainability pathways in the absence of a comprehensive national forest policy – the case of New Zealand. *Forest Policy and Economics* 77, 33-43. DOI: org/1016/jforpol.201512.007
- Roche, M. (2017). Road maintenance – patching a hole in mobilities-roading research: A case study of the Longbeach Road Board, Canterbury, New Zealand, 1911-1938. *New Zealand Geographer* 37 (2) doi: 10.1111/nzg.12160
- Roche, M.M. (2017). James Hector and JT Thomson in strife over names and time. *Journal of the Royal Society of New Zealand*. 47, 94-99.
- Stirling, Mark W....McColl, S.... "The Mw7. 8 (2016). Kaikōura earthquake: Surface fault rupture and seismic hazard context." *Bulletin of the New Zealand Society for Earthquake Engineering* 50.2 (2017): 73-84.

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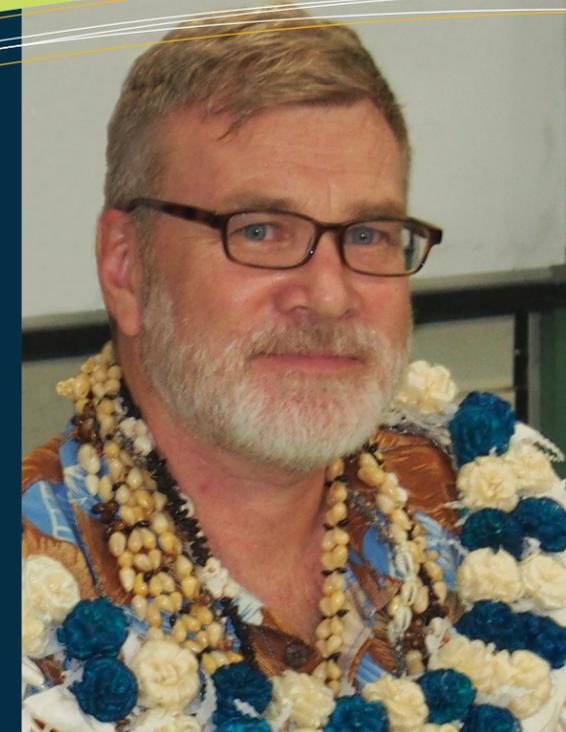
2017

 *Compass Points*

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## Welcome to John Lowry!



Check  
Out Our  
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The Geography Programme is delighted to welcome Dr John Lowry to its staff on the Palmerston North Campus. John has a BA in International Relations, a MS in Geography and a PhD in Ecosystem Management. Prior to coming to Massey University he was Senior Lecturer in Geographic Information Science (GISci) in the School of Geography, Earth Science and Environment at the University of the South Pacific (USP) in Suva, Fiji. During his seven years at USP he was instrumental in developing a three-year Bachelor's of Science degree programme in Geospatial Science. Prior to USP he was Associate Director of the Remote Sensing/GIS Laboratory in the College of Natural Resources at Utah State University, USA; a position he held for eleven years. His research focuses on applying innovative methodologies within geospatial science to address questions and objectives in urban ecology, environmental planning and management, public health and epidemiology, and disaster risk assessment. He has been hired by PEP to help revitalize the School's GIS Programme, and with assistance from Rachel Summers will be developing a new 200-level GIS course (145.202) and revising two postgraduate GIS courses in Environmental Planning for 2018. In addition, he contributes to Massey's Master of Analytics programme offering a course in geospatial analytics (230.705) through block mode.

John is married to Brenda Jarvis and they have two sons. Brenda has degrees in Horticulture and Plant Science, is currently working as a consultant for USP, and will be joining John in Palmerston North at the end of August. Brenda is a member of USP's women's 6-person outrigger canoe paddling team. Their sons, Toby (age 21) and Sam (age 18), are currently studying at university in the US; Toby in Utah and Sam in Hawaii. They are anxious to visit their parents in New Zealand at Christmastime! The family enjoys backpacking (tramping) and camping. When they lived in the US they did a fair amount of canoeing and white-water rafting as a family. While John and Brenda will miss the balmy weather of the tropics and friendly people of Fiji, they are very excited to call Palmerston North "home" and have already been made to feel very welcome by genuine Kiwi hospitality! JL

*Geography @  
Massey University  
Newsletter*

## DID YOU KNOW WE HAVE A PROGRAMME OF GEOGRAPHY SEMINARS?

Each year we have a series of speakers at our geography seminars.

These are held on the Massey Campus and we normally have a range of speakers including post-graduate students, geography staff, colleagues, and visitors to the University.

Seminars are advertised on Massey News email, the postgraduate Stream site, and via posters in the School of People, Environment and Planning and the Institute of Agriculture and Environment.

Look out for the notices, and please come along. Everyone is welcome!!



### Congratulations Dr. Simon Vale

PhD Graduate Simon Vale was awarded the New Zealand Geographical Society President's Award for Best Doctoral Thesis for 2017. Simon graduated in May, his thesis in Physical Geography was titled, Application and Evaluation of Sediment Fingerprinting Techniques in the Manawatu River Catchment, New Zealand. Simon was supervised by Ian Fuller along with Jon Procter from the Institute of Agriculture and Environment, and Les Basher & John Dymond at Landcare Research. IF



**Dr Maria Pitarch**  
Departmental Visitor

It is always great to welcome international scholars to the Geography programme. During August and September we have Dr Maria Pitarch visiting from the University of Valencia (Spain). Maria is a senior lecturer and economic geographer who specializes in the territorial impact of economic activities. Presently she is involved in projects examining environmental and social sustainability in urban and metropolitan areas using both (GIS) and qualitative research techniques. Within this, Maria's research examines accessibility to public services, social innovation, quality of life, and social segregation with special attention to the tourism sector and public services. Maria and her family came from a Northern Hemisphere summer and temperatures of 40 Celcius — so our chilly winter has required some adjustment! JM

### Out and About...

We always appreciate when our post-graduate students send us photos. Pictured below is a photo taken by John Knox of the bushfires in the Port Hills in February, and to the left, a stunning Canterbury landscape shot in August.



### EMOGEO 2017

During the Semester Break Juliana attended the 2017 International and Interdisciplinary Emotional Geographies conference in Long Beach, California and presented a paper on the relationship between ICT, older people and the emotional construction of identity. EMOGEO 2017 attracted a range of papers on topics as diverse as indigenous narratives of place to the politics of movement, all of which in some way emphasized the emotional and affective intersections between people in various spatial and social contexts, environments and landscapes Linda Johnston (Waikato University) and Liz Bondi (University of Edinburgh) gave thoughtful but challenging keynote addresses. With end on end presentations rather than concurrent sessions, all participants engaged with each other's papers and the conference was a great opportunity to network - some of which occurred in 30 C sunshine (not that Juliana was complaining!). JM



### Sam McColl's Travels

Sam McColl was on sabbatical leave in Europe between May 26th to August 13th. He delivered papers at the World Landslide Forum in Ljubljana, Slovenia, and at a conference and workshop on progressive rock failure, in Monte Verita, Switzerland. He spent 10 days visiting Prof. Tomas Panek's landslide research group at University of Ostrava, Czech Republic, where he assisted with geophysics fieldwork in the Czech Carpathians, investigating the origin of some very peculiar hillslope forms. Afterwards, he was based at the Technical University of Munich for 8 weeks, funded by the August-Wilhelm Scheer Visiting Professor program, working with the Chair of Landslide Research. Half of the time at the TUM was spent assisting Dr Daniel Draebing with fieldwork on alpine rockslopes in Austria and Switzerland. Some day trips during the stay also included visits to some of the most impressive rock avalanches in the European Alps, including the giant 2-3 billion cubic-metre Koefels landslide, and a walk over of the 800 million cubic-metre long-runout (10 km) Kandersteg rock avalanche with Prof. Susan Ivy-Ochs. SM

### Geography in the News!

There's been a lot of geomorphology in the news already this year. Some commentators have dubbed 2017 the year of the flood in NZ (although it probably isn't any more exceptional than 2015, 2010, 2007, 2005, 2004...). This has given geomorphologists (especially fluvial ones like our own Dr Ian Fuller), an opportunity to contribute to public debate in the national and local media:

Radio NZ, 27 July 2017: Councils urged to avoid building on floodplains <http://www.radionz.co.nz/news/national/335943/councils-urged-to-avoid-building-on-flood-plains>

NZ Herald, 6 June 2017: Water, water everywhere - serious issues to solve on climate change, water quality [http://www.nzherald.co.nz/politics/news/article.cfm?c\\_id=280&objectid=11869645](http://www.nzherald.co.nz/politics/news/article.cfm?c_id=280&objectid=11869645)

Stuff 26 May 2017: Pollution and climate change will ravage NZ as long as politicians dodge big questions.

<http://www.stuff.co.nz/national/politics/opinion/92951180/election-2017-pollution-and-climate-change-will-ravage-nz-as-long-as-politicians-dodge-big-questions>

Manawatu Standard 27 April 2017: Work finally begins on large Manawatu Gorge slip. <http://www.stuff.co.nz/manawatu-standard/news/91956951/Work-finally-begins-on-large-Manawatu-Gorge-slip>

Dominion Post 18 April 2017: Lies, dam(ned) lies and flood statistics. <http://www.stuff.co.nz/science/91448938/ian-fuller-lies-damned-lies-and-flood-statistics>



*Photo: courtesy of Ian Fuller—trying unsuccessfully to drive from Dunedin to Christchurch!*

Elsewhere in the rivers world, Ian led the first River Management Technical Seminar for Horizons Regional Council on 26th July 2017, discussing the impacts of control works on river morphology alongside Gary Williams from Waterscape. After a morning of presentations by Ian and Gary the afternoon involved field visits to strategically important sites (such as Ashhurst Domain) and discussion of potential approaches to solve ongoing problems in the Manawatu and Rangitikei Rivers. IF

### Captions:

Here are a couple of photos—can you think of appropriate captions (perhaps you would like to post them to our Facebook page...)

Mike Roche has made a suggestion for the first one to get you started.:

*Russell exclaims 'the GIS world is your Oyster' - John looks perturbed and Rosie unconvinced.*



Here's another: And can you guess which Physical Geographer was responsible for this....?

