

Welcome to the Geography Programme Newsletter!



Mysteries of the Matakana... revealed inside!

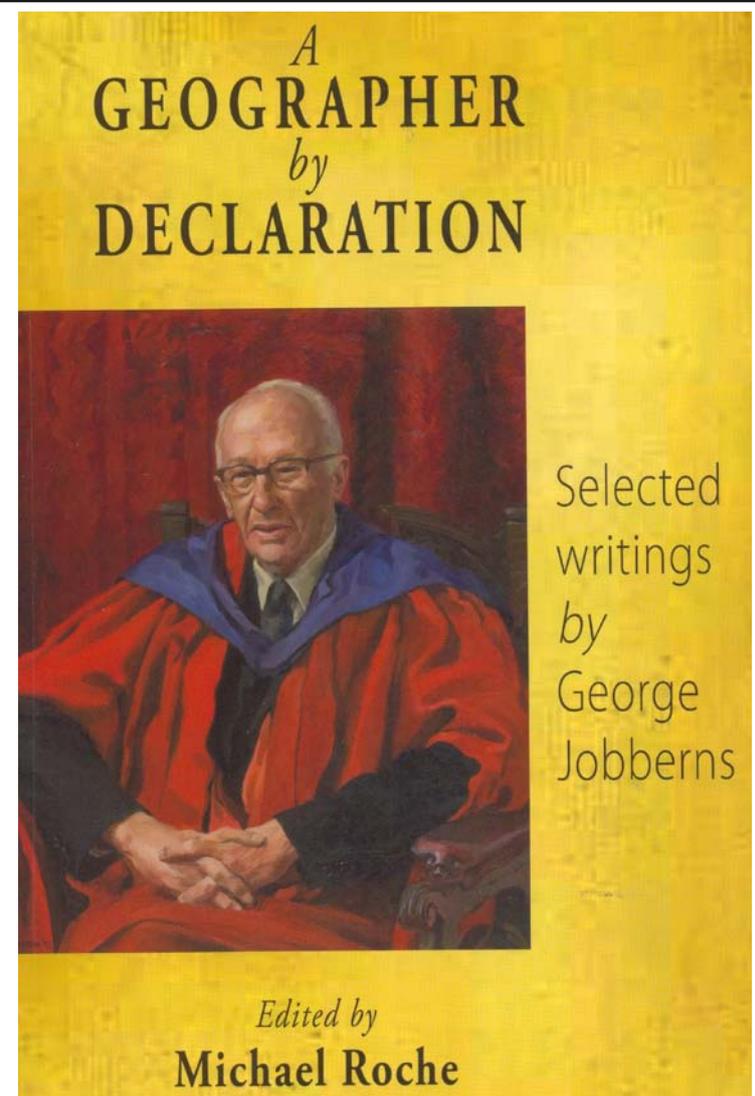
George Jobberns Recalled

Midway through 2010 Prof Roche's edited collection of papers by pioneering New Zealand Geographer George Jobberns was published by Canterbury University Press.

Jobberns was the first geography appointment in the New Zealand university system and Lecturer in Charge of the first independent Department of Geography at Canterbury University College (now University of Canterbury) in 1937. He was appointed Professor in 1942. His trip to the US in 1939 meant that American geographers influenced his conception of geography as a university discipline. While much of Jobberns' writing about human geography was couched in the framework of regional geography, it was also notable for ranging quite widely to include both political geography and natural resource conservation. This breadth is not readily apparent in that there were few outlets for geographical writing in New Zealand before the establishment of the *New Zealand Geographer* in 1945 so that this collection of his writing contains a number of previously unpublished papers. The volume recovers an important chapter in the discipline's intellectual heritage in New Zealand.

It's been a busy year here at the Massey Geography Department as our student numbers continue to grow – it's great that so many students still want to engage with the only discipline that offers a truly rounded education on both physical and human processes. Sadly, the new funding environment has meant we've had to cut back our summer school offerings. Never fear, however, the opportunity to take those papers will still be available next year! With exam scripts now rolling in we're almost finished with the teaching year and are starting to think again about our research, whether that be by rivers, on glaciers or in London!

*Dr Martin Brook, Geography Programme Coordinator,
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Delving into Matakana Island

Matakana Island is New Zealand's largest barrier island a c. 24km long which blocks in Tauranga harbour. It consists of two sections, an older Pleistocene section and the newer Holocene section. The Pleistocene section of the barrier consists of three terraces at c. 10, c. 40 and c. 70 m above sea level. Earlier in the year Dr Martin Brook, Dr Mike Shepherd, Dr Arved Schwendel and myself (not a doctor) went to Matakana Island to prove the existence of a Pleistocene relict foredune plain on the lowest of the three terraces. Access to the island was via a barge that only crossed a few times per day, (we were late first crossing but they made a special trip for us). This dunefield was hypothesised by Dr Shepherd to be present on the lowest terrace due to the subtle surface expression of ridges. He believed that these dunes were mantled by several metres of tephra which preserved their morphology. We used Ground penetrating radar (GPR) to run transects across the ridges to determine the origins of the ridges. The transect was 900m long with measurements taken every 25cm, needless to say the task became monotonous fast. The data collected clearly shows a series of reflections at 8- 12m depth that correspond with the surface expression of the ridges. The data recorded proved Dr Shepherds hypothesis that there are dunes mantled by tephra in the lowest terrace. The age of these dunes is unknown, although a maximum age of c. 780,000 is ascribed due to the absence of Te Puna Ignimbrite which is present on the higher terraces. It is assumed that the ridges formed during the last Interglacial but this cannot be proved without further dating of the deposits.

Jacob Williams, PGDip Geography Student
(and future Horizons Hydrologist)



Welcome Dr Aisling Gallagher!

I started teaching in the geography programme in July 2010 but had been living in lovely Palmerston North since the previous August. I grew up in a remote and quite agricultural part of Ireland called Cavan (which is not too dissimilar to Palmy) and lived there until I was 19. By that time I was chomping at the bit to get out of rural Ireland and doing a degree was a good way of living in a 'big smoke' for a while. I started a BA in French and Geography in NUI Galway in 1999. During this time I spent a year in Quebec, Canada improving my French and teaching English. After this I was fortunate enough to receive a scholarship to conduct a two year research masters (MLitt) in geography in NUI Galway. This gave me an opportunity to pursue my interests in historical geography. My thesis looked at post-colonial discourses of Irish nationalism and the impact that had on the development of Traditional Irish Music over the first half of the twentieth century. I really enjoyed that but had itchy feet again, so I applied to do a PhD in the University of Bristol the following year. I worked with Professor Wendy Larner (who is a Kiwi) and Dr Julie Macleavy on that and completed it earlier this year. The PhD looked at the emergence of a private sector for childcare in Ireland and considered the way these services are being developed and organised as part of a new welfare system in Ireland. Overall I'm really interested in how welfare states are being restructured and what that means for the most vulnerable citizens in society. Where is the geography in this I hear you ask? Well, take one of my courses and find out!



NZ Geography Conference 2010

Geography Programme and other School Programmes Papers Presentations at the Joint Australian Institute of Geographers and New Zealand Geography Conference in Christchurch 5-8 July 2010. The joint meeting was held in Rydges Hotel in the central city, a break with the tradition of using a university venue. With some 300 attendees this was a busy and interesting conference.

- Matt Henry 'Encoding the weather: meteorology and the fashioning of Tasman Airspace'
- Michael Roche "'That stumbling block in Australia": A preliminary reassessment of Hugh Corbin's forestry career in Australia and New Zealand 1912-1950'. (Special Session on Trans Tasman Historical Geographies and Environmental Histories).
- Ian Goodwin and Robin Peace, Massey University 'Investigating evidence of migrant integration in the linguistic landscapes of Auckland: A digital photographic analysis'
- Glen Banks 'Constituting development: when the "will to improve" meet "desires for Development"'
- Michael Roche & Matt Henry et al 'Knowing and making new rural value relations in New Zealand' (Biological Economies project Special Session).
- John Overton and Glenn Banks, 'From waste to wine: Wealth, Conspicuous production, and image management'.
- Jeffrey McNeill, John Holland, and Rachel Summers, Massey University 'Identifying regions for managing New Zealand's environment'.
- Russell Prince, 'Knowing the creative economy: epistemic communities and the transfer of "creativity" policy'.
- Martin Brook, Vince Neall, Bob Stewart, Rob Dykes, 'Late Holocene glacial activity on Mt Taranaki, New Zealand'.
- Regina Scheyvens and Matt Russell, 'Degrees of responsibility: How far will tourism corporates go to assist the poor and disadvantaged?'
- Aisling Gallagher, 'Caring Entrepreneurs? Neoliberalism and the emergence of private sector childcare in Ireland'.
- Maria Borovnik, 'Occupational health and safety of Pacific Island seafarers working on international merchant ships'.

Sally Lampkin: Completing my PhD

Former BA (Hons) student Sally Lampkin has recently completed her PhD at the University of East Anglia:

Next month I will be graduating at the University of East Anglia, UK, having recently completed a PhD that explored the individual motivation to mitigate climate change. In retrospect, completing it has been incredibly satisfying as I've produced a piece of research of which I'm extremely proud. I have, in the main part, enjoyed the experience as I was dealing with people who are motivated to take action in an aspect of life that is a passion of mine, so their energy and motivation was fascinating, if not contagious! On the flip side, I have been amazed at just how often I've had to pull out the last reserves of tenacity and steely resolve to get to the finish line – towards the end it wasn't so much about the research, but more about the pure determination to get all 351 pages right for the examiners. It is only now, once it is all over, that I can sit back and look through the thesis and remember why it was that I wanted to do this particular research in the first place - and appreciate the extent and value of the knowledge that I have acquired and that I am now able to share with the academic community. I also appreciate the importance of having the right people around me whilst I studied, not just the supervisory team and academic peers, but also partners, friends and people who can relate to the ups and downs of completing such a venture'.

Staff Publications/Presentations

- Brook MS**, Neall VE, Stewart RB, **Dykes R.** (2010). Late Holocene glacial activity on Mt Taranaki, New Zealand. New Zealand Geographical Society (with the Institute of Australian Geographers) Conference, Christchurch, 5-8 July.
- Clement, A.J.H.**, Sloss, C.R. & **Fuller, I.C.** *Reconstructions of local-scale Holocene sea-level fluctuations in the New Zealand archipelago.* Paper presented at Australasian Quaternary Association Biennial Meeting, Stradbroke Island, Australia, 11-18 July 2010.
- Dykes R, Brook MS**, & Winkler S. (2010). The contemporary retreat of the Tasman Glacier, Southern Alps, New Zealand and the evolution of Tasman proglacial lake since AD 2000. *Erdkunde* 64(2): 141-154.
- France, D., **Fuller, I.C.**, **Brook, M.S.** & **Holt, K.** *Does technology enhance student learning in physical geography fieldwork?* Paper to be presented at the Royal Geographical Society Annual International Conference, London, UK, 1-3 September 2010.
- Fuller, I.C.** & Basher, L. (2010). *Sediment transfers in the upper Motueka River: morphological budgeting 2004-2010.* Report prepared for Landcare Research.
- Fuller, I.C.** (2010). *Fundamentals of Fluvial Geomorphology.* Ro Charlton. Routledge, Abingdon, 2008, 234 pp. ISBN 978-0-415-33454-9. *New Zealand Geographer* 66, 93-94.
- Fuller, I.C.** (2010). *Waingawa River Channel Change 1943-2009: A Quantitative Geomorphological Analysis.* Report prepared for Fish & Game, Wellington Region.
- Gallagher, A** (2010). Neoliberalism and Childcare as Women's Work in Ireland, presentation to the New Zealand Geographical Society (with the Institute of Australian Geographers) Conference, Christchurch, 5-8 July.
- Holt, K.A.**, Wallace, R.C. & Neall, V.E. (2010). Quaternary stratigraphy and tephrochronology in the Chatham Islands, New Zealand. Conference Proceedings International Field Conference and Workshop on Tephrochronology, Volcanism and Human Activity. May 9 -17 2010, Kyushu, Japan.
- Holt, K.A.**, Wallace, R.C., Neall, V.E., Kohn, B.P., & Lowe, D.J. (2010). Quaternary tephra marker beds and their potential for palaeoenvironmental reconstruction on Chatham Island, east of New Zealand, southwest Pacific Ocean. *Journal of Quaternary Science* 25: 1169 – 1178.
- Lowe, D.J. & **Holt, K.A.** (2010) Active Tephra in Kyushu – International Field Conference on Tephrochronology, Volcanism and Human Activity (review). *Quaternary Perspectives* 18: 8 - 12
- Mansvelt, J.** (2010) Geographies of Consumption: Engaging with absent presences, Volume 34 Issue 2, April 2010, 224-233.
- Mansvelt, J.** (ed) (2010). *Green Consumerism: An A-Z Guide*, Sage, London.
- Prince, R.** (2010) 'Globalizing the Creative Industries Concept: Travelling Policy and Transnational Policy Communities', *Journal of Arts Management, Law & Society*, 40 (2), 119-139.
- Prince, R.** (2010) 'Knowing the creative economy: epistemic communities and the transfer of "creativity" policy' presentation to the New Zealand Geographical Society (with the Institute of Australian Geographers) Conference, Christchurch, 5-8 July.
- Procter, J.P., Cronin, S.J., **Fuller, I.C.**, Sheridan, M., Neall, V.E. & Keys, H. (2010). Lahar hazard assessment using Titan2D for an alluvial fan with rapidly changing geomorphology: Whangaehu River, Mt. Ruapehu. *Geomorphology*, 116, 167-174.
- Richardson J, Brook MS** (2010). Ablation of debris-covered ice: some effects of the 25 September 2007 Mt Ruapehu eruption. *Journal of the Royal Society of New Zealand* 40(2): 45- 55.
- Roche, M.M.** (ed) (2010). *A Geographer by Declaration: Selected Writings by George Jobberns*, University of Canterbury Press, Christchurch.
- Roche, M.M.** (2010). "That stumbling block in Australia": A preliminary reassessment of Hugh Corbin's forestry career in Australia and New Zealand 1912-1950' presentation to the New Zealand Geographical Society (with the Institute of Australian Geographers) Conference, Christchurch, 5-8 July.
- Schwendel, A.C.**, **Fuller, I.C.** & Death, R.G. (2010). Morphological dynamics of upland headwater streams in the southern North Island of New Zealand. *New Zealand Geographer*, 66, 14-32.

Congratulations Ian on reaching 40 publications!