

## Contributions to Publications from Cartography

In 2014, maps and figures were produced for a large number of publications and theses. Following is an incomplete list of the publications in which they appear. (This is an incomplete list as many maps and figures were for books and articles that are not yet in press or finally accepted for publication.) Note also that some of the figures and maps are used in more than one publication.

### Books:

Williams N.S.G., Marshall A. & Morgan J.W. (eds.), 2015. Land of sweeping plains: managing and restoring the native grasslands of south-eastern Australia. CSIRO Publishing, Melbourne. It will be officially launched May 7 this year.

Bren, L.J., 2014: Forest Hydrology and Catchment Management: An Australian Perspective. Springer, The Netherlands, 268pp

Owen D. Jones, Petter Nyman, Gary J. Sheridan, 2014: Modelling the effects of fire and rainfall regimes on extreme erosion events in forested landscapes, Springer-Verlag Berlin Heidelberg

### Book Chapters:

Sysak, T. and Beilin, R. (in review – submitted June 2014 for publication June 2015) The social implications of Australian drought policy in an irrigated production landscape, in S. Eslamian (ed.) *Handbook of drought and water scarcity*, Chapter x, Taylor and Francis Group, CRC Press.

Ossola, A., Livesley, SJ, 2015. Drivers of soil heterogeneity in the urban landscape, *Urban Landscape Ecology: Science, Policy and Practice*. Francis, RA et al. (ed.). Routledge.

### Journals:

Graham, S., Barnett, J., Fincher, R., Mortreux, C. and Hurlimann, A. 2014. Local values for fairer adaptation to sea-level rise: A typology of residents and their lived values in Lakes Entrance, Australia, *Global Environmental Change* 29: 41-52.

Graham, S., Barnett, J., Fincher, R., Mortreux, C. and Hurlimann, A. 2014. Towards fair local outcomes in adaptation to sea-level rise, *Climatic Change*: in press: (DOI) 10.1007/s10584-014-1171-7

Fincher R; Barnett J; Graham S, 2015, Temporalities in Adaptation to Sea-Level Rise, *Annals of the Association of American Geographer* 105(2): 1-11. In press

Graham S; Barnett J; Fincher R; Mortreux C; Hurlimann A, 2014, 'Towards fair local outcomes in adaptation to sea-level rise', *Climatic Change*, <http://dx.doi.org/10.1007/s10584-014-1171-7>

Hurlimann A; Barnett J; Fincher R; Osbaldiston N; Mortreux C; Graham S, 2014, 'Urban planning and sustainable adaptation to sea-level rise', *Landscape and Urban Planning*, vol. 126, pp. 84 - 93, <http://dx.doi.org/10.1016/j.landurbplan.2013.12.013>

Fincher R; Barnett J; Graham S; Hurlimann A, 2014, 'Time stories: Making sense of futures in anticipation of sea-level rise', *Geoforum*, vol. 56, pp. 201 - 210, <http://dx.doi.org/10.1016/j.geoforum.2014.07.010>

Graham S; Barnett J; Fincher R; Hurlimann A; Mortreux C, 2014, 'Local values for fairer adaptation to sea-level rise: A typology of residents and their lived values in Lakes Entrance, Australia', *Global Environmental Change*, vol. 29, pp. 41 - 52, <http://dx.doi.org/10.1016/j.gloenvcha.2014.07.013>

Webb JA, de Little SC, Miller KA, Stewardson MJ (to be submitted) Quantifying the benefits of environmental flows: combining large-scale monitoring data within hierarchical Bayesian models. *Freshw. Biol.*

Greet J, Webb JA, Cousens RD (in press) A natural flood provides strong evidence that floods reduce exotic plant species in the riparian zone. *Applied Vegetation Science*, DOI: 10.1111/avsc.12156

Webb JA, Miller KA, de Little SC, Stewardson MJ (2014) Overcoming the challenges of monitoring and evaluating environmental flows through science-management partnerships. *Int. J. River Basin Manage.* 12, 111-121.

MC WILLIAM A., PALMER, L., & SHEPHERD, C., 2014 'Lulik Encounters and Cultural Frictions in East Timor: Past and present', *The Australian Journal of Anthropology* 25: 304-320.

SHEPHERD, C. & PALMER, L. (forthcoming) 'The modern origins of traditional agriculture: colonial policy, swidden development and environmental degradation in eastern Timor', *Bidragen tot de Taal-, Land- en Volkenkunde (South East Asian Journal of Humanities and Social Sciences)*, pp 1-28. (accepted 16 February 2015).

Marsters, T.H. and Kennedy D.M.\*, 2014, Beach development on a high carbonate island: Niue, south west Pacific, *Geomorphology*. 222,82 – 91 \*corresponding author.

Kennedy, D.M., 2014, The Rock Coast of Australia, in Kennedy D.M., Stephenson, W J., and Naylor, L A., *Rock Coast Geomorphology: A Global Synthesis*, *The Geological Society of London. Memoir* 40. 235 - 245

Chen J, Wu X D, Finlayson B L, Webber M, Wei T Y, Li M T and Chen Z Y 2014 Variability and trend in the hydrology of the Yangtze River, China: annual precipitation and runoff, *Journal of Hydrology* <http://dx.doi.org.ezp.lib.unimelb.edu.au/10.1016/j.jhydrol.2014.03.044>

Li M, Chen Z, Finlayson B, Wei T, Chen J, Wu X, Xu H, Webber M, Barnett J, Wang M 2014 Water diversion and sea-level rise: potential threats to freshwater supplies in the Changjiang River estuary Estuarine, *Coastal and Shelf Science* <http://dx.doi.org/10.1016/j.ecss.2014.07.007>

Finlayson B, Webber M, Constructing water shortages on a Huge River: The case of Shanghai, *Geographical Research*

Gaire, K., Beilin, R., and Miller, F. 2014. Withdrawing, resisting, maintaining and adapting: food security and vulnerability in Jumla, Nepal. *Regional Environmental Change*. DOI: 10.1007/s10113-014-0724-7.

Bhattarai, B., Beilin, R., and Ford, R. 2015. Gender, Agrobiodiversity and Climate Change: A Study of Adaptation Practices in the Nepal Himalayas. *World Development*. 70: 122-132. doi:10.1016/j.worlddev.2015.01.003

Marren, P.M., Grove, J.R., Webb, J.A., Stewardson, M.J. 2014. The potential for dams to impact lowland meandering river floodplain geomorphology. *The Scientific World Journal*, vol. 2014, Article ID 309673, 24 pages.

Shaw, K. and Hagemans, I. (2015) 'Gentrification without displacement' and the consequent loss of place: the effects of class transition on low-income residents of secure housing in gentrifying areas, *International Journal of Urban and Regional Research* (on-line DOI:10.1111/1468-2427.12164)

Shaw, K. and Montana, G. (2014) Place-making in megaprojects in Melbourne, *Urban Policy and Research* (on-line DOI: 10.1080/08111146.2014.967392)

P. Bajo, R. Drysdale, J. Woodhead, J. Hellstrom, P. Ferretti, E. Wolff, G. Zanchetta, S. Frisia, C. Spötl, A.E. Fallick; Obliquity pacing of ice age terminations at the Middle Pleistocene Transition (*Science*, in review, 11/03/2015)

Hamilton, A.J., Conort, C., Bueno, A., Ning, N., Murray, C.G., Nielsen, D. & Grove, J.R. (in preparation). Waterbird use of farm dams in south-eastern Australia: abundance, community structure, and influence of biophysical and landscape characteristics. *Hydrobiologia*.

Murray, C.G., Kasel, S., Szantyr, E., Barratt, R. & Hamilton, A.J. (2014) Waterbird use of different treatment stages in waste-stabilisation pond systems. *Emu* 114, 30–40. [Figure 1]

Murray, C.G., Kasel, S., Loyn, R.H., Hepworth, G. & Hamilton, A.J. (2013). Waterbird use of artificial wetlands in an Australian urban landscape. *Hydrobiologia* 716, 131–196. [Figure 1]

Vietz, G., Cohen, T., Croke, J., In-review, In-channel river benches: floodplain settings, types, and processes of formation, *Geomorphology*

Margaret Ayre \*, Ruth Nettle, Doing integration in catchment management research: Insights into a dynamic learning process, *Environment Science Policy* 47 – 18-31

Cook, B. R. and Overpeck, J. in review. Changing climate collaboration: the knowledge deficit, coproduction, and the future of the IPCC. *WIREs*.

Livesley, S, Ossola, A, Threlfall, C, Hahs, A, Williams, N, 2015. High soil C:N under urban trees enhances the capacity to buffer N eutrophication. *Journal of Environmental Quality*.

Greet, J., Cousens, R.D. & Webb, J.A. 2013. More exotic and fewer native plant species: riverine vegetation patterns associated with altered seasonal flow patterns. *River Research and Applications* 29: 686-706.

Greet, J., Cousens, R.D. & Webb, J.A. 2013. Flow regulation is associated with riverine soil seed bank composition within an agricultural landscape: potential implications for restoration. *Journal of Vegetation Science* 24: 157-167.

Greet, J., Webb, J.A. & Cousens, R.D. 2015. Floods reduce the prevalence of exotic plant species within the riparian zone: evidence from natural floods. *Applied Vegetation Science*: Doi: 10.1111/avsc.12156.

## **Reports:**

Miller KA, Webb JA, de Little SC, Stewardson MJ, Rutherford ID (2015) How effective are environmental flows? Analyses of flow-ecology relationships in the Victorian Environmental Flows Monitoring and Assessment Program (VEFMAP) from 2011-2014. Report prepared for the Victorian Department of Environment and Primary Industries, The University of Melbourne, Parkville, 441pp.

Webb A, Vietz G, Windecker S, Hladyz S, Thompson R, Koster W, Jones M (2015) Monitoring and reporting on the ecological outcomes of Commonwealth environmental water delivered in the lower Goulburn River and Broken Creek in 2013/14. Report prepared for the Commonwealth Environmental Water Office, The University of Melbourne, Parkville, 188pp.

## **Higher Degree Research Publications:**

Santhanam-Martin, M., M. Ayre and R. Nettle (2014). Community sustainability and agricultural landscape change: insights into the durability and vulnerability of the productivist regime. *Sustainability Science*: 1-11.

Christensen, J. and K. Gaire. 2015. Understanding sustainable landscapes through the lens of apple growing: cases of Jumla, Nepal and Harcourt, Victoria. *Sustainability Science* [online first]. doi: 10.1007/s11625-014-0273-5.

Murray, C.G., Kasel, R.H., Szantyr, E., Barratt, R. and Hamilton, A.J. 2014. The effect of treatment stage on waterbird use of waste stabilisation ponds in the Goulburn Valley, Victoria. *Emu: Austral Ornithology* 114, 30-40.

Van der Sant, René, Gary Sheridan, Pim Rijkee, Petter Nyman and Patrick Lane The hydrogeomorphic sensitivity of forested water catchments to wildfire" Proceedings of 2012 AFAC/Bushfire CRC conference

## **Theses (PhD):**

Sangeetha Chandra-Shekeran, "Persistence Through Change: Marketisation and Demand Management in the Electricity Industry" (2014)

Sarah Rogers, Household vulnerability to climate change in a rural Chinese county: Does the local state matter? (2014)

Kevin Lo, The shaping and reshaping of low-carbon cities in China: coordinating local efforts on climate change with hierarchical control (2014)

Kamal Gaire, Withdrawing, resisting, maintaining and adapting: food security and vulnerability in Jumla, Nepal, (2014)

Colette Mortreux (2014) "Understanding Adaptation: Households and Bushfire Risk in Mt Dandenong"

Fahmida Khanom, "Rooftop rainwater harvesting in megacities of developing countries: a case study of Dhaka", (2014)

AKM Nuruzzaman, "Social vulnerability to climate change and microfinance organisations" (forthcoming)

**Theses (Honours):**

Margarita Martinez Obando, "Gender in Disaster Risk Management: Practitioners' views of gender in the Chilean Platform for Disaster Risk Reduction" (2014)

Heather McGirr, "Food in the city: grounding perceptions of urban food geographies in Melbourne and San Diego County" (2014)

India Arabella Ansell, "New Insights into the effect of the Bipolar Seesaw on the Mid-Latitudes of the Southern Hemisphere during the Last Glacial Period" (2014)

Rebecca Cross, "The Blackened Bough: Constructs of burnt landscapes" (2014)