

DEPT OF ENVIRONMENTAL SCIENCE

2014 PUBLICATIONS, REPORTS, CONFERENCES

JOURNAL PUBLICATIONS (15)

Aburto, J., Stotz, W.B. & Cundill, G. 2014. Social-ecological collapse: TURF governance in the context of highly variable resources in Chile. *Ecology & Society*, 19(1): 2.

Cundill, G., Lotz-Sisitka, H., Mukute, M., Belay, M., Shackleton, S. & Kulundu, I. 2014. A reflection on the use of case studies as a methodology for social learning research in sub Saharan Africa. *NJAS – Wageningen Journal of Life Sciences*, 69: 39-47.

De Lacy, P. & Shackleton, C.M. 2014. The comparative growth rates of indigenous street and garden trees in Grahamstown, South Africa. *South African Journal of Botany*, 92: 94-96.

Fabricius, C. & Cundill, G. 2014. Learning in adaptive management: Insights from published practice. *Ecology & Society*, 19(1): 29.

Grenfell, S.E., Grenfell, M.C., Rowntree, K.M. & Ellery, W.N. 2014. Fluvial connectivity and climate: A comparison of channel pattern and process in two climatically contrasting fluvial sedimentary systems in South Africa. *Geomorphology*, 205: 142-154.

Kannan, R. Shackleton, C.M. & Uma Shaanker, R. 2014. Invasive alien species as drivers in socio-ecological systems: local adaptations towards use of *Lantana* in Southern India. *Environment, Development & Sustainability*, 16: 649-669.

Kaoma, H. & Shackleton, C.M. 2014. Collection and use of urban tree products by households in poorer residential areas of three South African towns. *Urban Forestry & Urban Greening*, 13: 244-252.

Masubelele, M.L., Hoffman, M.T., Bond, W.J. & Gambiza, J. 2014. A 50 year study shows grass cover has increased in shrublands of semi-arid South Africa. *Journal of Arid Environments*, 104: 43-51.

Muller, C. & Shackleton, S. 2014. Perceptions of climate change and barriers to adaptation amongst commonage and commercial livestock farmers in the semi-arid Eastern Cape Karoo. *African Journal of Range and Forage Science*, 31(1): 1-12.

Poppy, G.M., Chiotha, S., Eigenbrod, F., Harvey, C.A., Honzak, M., Hudson, M.D., Jarvis, A., Madise, N.J., Schreckenber, K., Shackleton, C.M., Villa, F. & Dawson, T.P. 2014. Food Security in a perfect storm: using the ecosystem services framework to increase understanding. *Phil. Trans. R.Soc, B*, 369: 20120288.

Richardson, E. & Shackleton, C.M. 2014. The extent and perceptions of vandalism as a cause of street tree damage in small towns in the Eastern Cape, South Africa. *Urban Forestry & Urban Greening*, 13: 425-432.

Shackleton, C.M., Hebinck, P., Kaoma, H., Chishaleshale, M., Chinyimba, A., Shackleton, S.E., Gambiza, J. & Gumbo, D. 2014. Low-cost housing developments in South Africa miss the opportunities for household level urban greening. *Land Use Policy*, 36: 500-509.

Shackleton, C.M. & Pandey, A.K. 2014. Positioning non-timber forest products on the development agenda. *Forest Policy and Economics*, 38: 1-7.

Spires, M., Shackleton, S.E. & Cundill, G. 2014. Barriers to implementing planned community-based adaptation in developing countries: a systematic literature review. *Climate and Development*, 6(3): 277-287.

Trefry, A., Parkins, J.R. & Cundill, G. 2014. Culture and food security: a case study of homestead food production in South Africa. *Food Sec.* 6:555-565.

BOOK CONTRIBUTIONS (3)

Cundill, G., Shackleton, S., Sisitka, L., Ntshudu, M., Lotz-Sisitka, H., Kulundu, I., Hamer, N. 2014. Social learning for adaptation: a descriptive handbook for practitioners and action researchers. IDRC/Rhodes University/Ruliv. ISBN 9780868104805.

Luckert, M.K., Nemarundwe, N., Hauer, G., Shackleton, S., & Grundy, I. (2014). Contribution of baobab production activities to household livelihoods. In: Cunningham, A.B., Campbell, B. M. and Luckert, M.K. (eds). *Bark use, management and commerce in Africa. Advances in Economic Botany.* New York Botanical Garden Press. 304 pp.

Shackleton, S.E. (2014). Forest collection activities and climate change: Impacts of climate change on non-timber forest products. Chapter 117. In: Freedman, B. (ed.). *Handbook on global environmental change.* Springer Science and Business Media, Heidelberg. DOI 10,1007/978-94-007-5784-4_117.

POLICY BRIEFS AND POPULAR ARTICLES (1)

Gwedla, N. & Shackleton, C.M. 2014. Urban forestry for sustainable towns: the visions of municipal parks managers in the Eastern Cape. *Environmental Management*, 9(1): Feb/Mar, 22-23.

CONFERENCE PRESENTATIONS (14)

Chadzwinga, K. & Cundill, G. (Paper 1). Access to land, water and ecosystem services: Identifying sources of innovation for social-ecological transformation in South Africa. *Resilience2014: Mobilising for Development & Transformation*, 4-6 May 2014, Montpellier, France.

Cruz-Garcia, G.S., Cubillos, M.V., Torres-Vitolas, C., Harvey, C., Schreckenber, K. & Shackleton, C.M. 2014. Ecosystem services in the Colombian Amazon through a gender lens. (Paper). *Ecosystems Services Partnership*, 8-12 Sept, San Jose (Costa Rica).

Cundill, G. (Paper 2). Collaborative forms of management for transformation and equity in access to ecosystem services: Lessons from land reform processes in South Africa. *Resilience2014: Mobilising for Development & Transformation*, 4-6 May 2014, Montpellier, France.

Cundill, G. (Paper 3). Breaking points at the margin: Community mobilization and the continued failure of co-management of protected areas in South Africa. *Resilience2014: Mobilising for Development & Transformation*, 4-6 May 2014, Montpellier, France.

Cundill, G and Schoon, M. (PANEL). Collaborative governance and management in support of transformation and equity in access to ecosystem services: Revisiting theory through reflections on global practice in the developed and developing world. *Resilience2014: Mobilising for Development & Transformation*, 4-6 May 2014, Montpellier, France.

Dubazane, N. and Cundill, G. (Paper 4). Strengthening resilience in wetland social ecology. *Resilience2014: Mobilising for Development & Transformation*, 4-6 May 2014, Montpellier, France.

De Lacy, P. 2014. Tree species composition and congregant appreciation of the cultural and spiritual services provided by cemeteries and churchyards in Grahamstown, South Africa. (Paper). *Intn conference on "Urban tree Diversity"*, 16-18 June, Alnarp (Sweden).

Gwedla, N. 2014. Municipal parks managers' development visions and attitudes towards urban forestry in South African towns. (Paper). Intn conference on "Urban tree Diversity", 16-18 June, Alnarp (Sweden).

Ruwanza, S. & Shackleton, C.M. 2014. Density and regrowth of a forest restio (*Ischyrolepis eleocharis*) under harvest and non-harvest treatments in dune forests of the Eastern Cape province, South Africa. (Poster). Arid Zone Ecology – Thicket Fusion Forum, 8-11 Sept, Grahamstown (South Africa).

Sachikonye, M.T. & Shackleton, C.M. 2014. Natural resource use as a coping and adaptation strategy to floods of vulnerable populations in the Eastern Cape. (Paper). 6th Interdisciplinary Postgrad Conference (IPGC), 8-10 Oct, Grahamstown (South Africa).

Shackleton, S.E., Ziervogel, G., Sallu, S., Gill, T and Tschakert, P. 2014. Understanding the barriers and constraints to climate change adaptation: insights from a review of empirical cases in Africa. Society of South African Geographers' 10th Conference. Fort Hare University, East London, 22- 27 June. Session on: Reflections on adaptation to climate change processes. Convened by Ziervogel, G. and Shackleton. SE.

Ziervogel, G. and Shackleton. SE. Session convenors. Reflections on adaptation to climate change processes. Society of South African Geographers' 10th Conference, Fort Hare University, East London, 22- 27 June.

Shackleton, C.M. 2014. A diversity of species, perceptions and settings: patterns of tree species richness, abundance and uses in small towns in South Africa. (Paper). Intn conference on "Urban tree Diversity", 16-18 June, Alnarp (Sweden).

Spires, M. 2014. Understanding and implementing climate change adaptation at the local level: Uniformity and/or flexibility in South African municipalities. (Presentation). 27 June 2014, Society of South African Geographers' 10th Conference. Fort Hare University, East London Campus.

RESEARCH REPORTS ()