

## ENVIRONMENTAL SCIENCE

### RHODES UNIVERSITY (SOUTH AFRICA)

#### PUBLICATIONS, REPORTS, CONFERENCES, ETC.

##### 2010 JOURNAL PUBLICATIONS (14)

Cundill, G. 2010. Monitoring social learning processes in adaptive comanagement: three case studies from South Africa. *Ecology and Society* 15 (3):28.

Cundill, G. & Fabricius, F. 2010. Monitoring the governance dimension of natural resource management. Online publication, *Ecology & Society* 15 (1).

Humphries, M.S., Kindness, A., Ellery, W.N., Hughes, J.C. & Benitez-Nelson, C.R. 2010. <sup>137</sup>Cs and <sup>210</sup>Pb derived sediment accumulation rates and their role in the long-term development of the Mkuze River floodplain, South Africa. *Geomorphology* 119: 88-96.

Grenfell, S.E., Ellery, W.N., Grenfell, M.C., Ramsay, L.F. & Flugel, T.J. 2010. Sedimentary facies and geomorphic evolution of a blacked-valley lake: Lake Futululu, northern Kwazulu-Natal, South Africa. *Sedimentology* 57: 1159-1174.

Humphries, M.S., Kindness, A., Ellery, W.N. & Hughes, J.C. 2010. Sediment geochemistry, mineral precipitation and clay neoformation on the Mkuze River floodplain, South Africa. *Geoderma* 157: 15-26.

Kaschula, S.A. & Shackleton, C.M. 2010. The magnitude of bush-meat offtake by rural communities in South Africa: a quantitative study from the Mt Frere region of the Eastern Cape. *Environmental Conservation* 36: 192-200.

McCarthy, T.S., Ellery, W.N., Backwell, L., Marren, P., de Klerk, B., Tooth, S., Brandt, D. & Woodborne, S. 2010. The character, origin and paleoenvironmental significance of the Wonderkrater spring mound, South Africa. *Journal of African Earth Sciences* 58: 115-126.

McConnachie, M. & Shackleton, C.M. 2010. Public green space inequality in small towns in South Africa. *Habitat International* 34: 244-248.

Reed, M. S., Evely, A.C., Cundill, G., Fazey, I., Glass, J., Laing, A., Newig, J., Parrish, B., Prell, C., Raymond, C. & Stringer, L.C. 2010. What is Social Learning? Online publication, *Ecology and Society* 15 (4).

Shackleton, C.M., Paumgarten, F., Mthembu, T., Ernst, L. Pasquini, M. & Pichop, G. 2010. Production of and trade in African indigenous vegetables in the urban and peri-urban areas of Durban, South Africa. *Development southern Africa* 27: 291-308.

Shackleton, C.M., Willis, T.J., Brown, K. & Polunin, N.V.C. 2010. Reflecting on the next generation of models for community-based natural resources management. *Environmental Conservation* 37(1): 1-4.

Sinchembe, M. & Ellery, W.N. 2010. Human impacts on hydrological health and the provision of ecosystem services: a case study of the eMthonjeni-Fairview Spring wetland, Grahamstown, South Africa. *African Journal of Aquatic Science* 35(3): 227-239.

Steele, M.Z. & Shackleton, C.M. 2010. Using local experts as benchmarks for household local ecological knowledge: scoring in South African savannas. *Journal of Environmental Management* 91: 1641-1646.

Ward, C.D, Parker, C.M. & Shackleton, C.M. 2010. The use and appreciation of botanical gardens as urban green spaces in South Africa. *Urban Forestry and Urban Greening* 9: 49-55.

## **2010 BOOK CONTRIBUTIONS (7)**

Gambiza, J., Chidumayo, E., Prins, H., Fritz, H. & Nyathi, P. 2010. Chapter 5. Livestock and Wildlife. In: Chidumayo, E.N. & Gumbo, D.J. (eds). *The dry forests and woodlands of Africa: managing for products and services*. Earthscan. (ISBN 978-1-84971-131-9). Pp. 179-204.

Shackleton, C.M., Shackleton, S.E., Gambiza, J., Nel, E., Rowntree, K., Urquhart, P., Fabricius, C. & Ainslie, A. 2010. *Livelihoods and vulnerability in the arid and semi-arid lands of southern Africa: exploring the links between ecosystem services and poverty alleviation*. Nova Publishers. (ISBN 978-1-60876-940-7).

Shackleton, C.M. & Shackleton, S.E. 2010. Chapter 2. Poverty mitigation and local economic development through use of natural resources: examples from South Africa. In: Soloman, B.O. (ed.). *Sustainable utilisation of energy and biodiversity resources for wealth creation and development*. NAM S&T and Scitech Publications, Chennai. (ISBN 978-81-8371-312-2). Pp. 25-43.

Shackleton, S.E., Shackleton, C.M., Wynberg, R., Sullivan, C., Leakey, R., Mander, M., McHardy, T., den Adel, S., Botelle, A., du Plessis, P., Lombard, C., Laird, S., Cunningham, T. & O'Regan, D. (2009) . Livelihood trade-offs in the commercialisation of multiple use NTFPs: lessons from marula (*Sclerocarya birrea* subsp. *caffra*) in southern Africa. In: Rai, N. & Uma Shaanker, R. (eds). *Non-timber forest products and conservation in Asia*. ATREE, Bangalore. (ISBN 81-902338-1-5). Pp. 139-173.

Shackleton, S.E. & Gumbo, D. 2010. Chapter 4. Contribution of non-wood forest products to livelihoods and poverty alleviation. In: Chidumayo, E.N. & Gumbo, D.J. (eds). *The dry forests and woodlands of Africa: managing for products and services*. Earthscan, London. Pp. 63-92.

Shackleton, S.E., Cocks, M., Dold, A., Kaschula, S., Kokwe, G., Mbata, K. & von Maltitz, G. 2010. Chapter 5. Non-wood forest products: description, use and management. In: Chidumayo, E.N. & Gumbo, D.J. (eds). *The dry forests and woodlands of Africa: managing the forests for products and services*. Earthscan. Pp. 93-130.

Shackleton, S.E. 2010. Over-regulation and complex bureaucratic procedure: A disincentive for compliance? The case of kiat, a valuable carving wood in Bushbuckridge, South Africa. Case Study D. In Laird, S.A., McClean, R. & Wynberg, R.P. (eds). *Wild product governance: finding policies that work for non-timber forest products*. Earthscan, London. (ISBN 978-1-84407-500-3). Pp. 199-204.

## **2010 POLICY BRIEFS AND POPULAR ARTICLES (1)**

Shackleton, C.M. & Gambiza, J. 2010. Tackling invasive species: the story of a shrub in South Africa. *Current Conservation* 4: 26-28.

## **2010 CONFERENCE PRESENTATIONS (15)**

Curran, P. & Shackleton, S. 2010. Investing in carbon, who will and why: an analysis of manufacturing businesses in the Eastern Cape. 41<sup>st</sup> Annual Geography Students Conference, Rhodes University, Eastern Cape: 28-30<sup>th</sup> August.

Curran, P. 2010. The research and development of a voluntary carbon standard for the subtropical thicket biome. Annual Thicket Forum, Assegai Trails, Eastern Cape: 6-8<sup>th</sup> October.

Kota, Z. 2010. Last child in the woods? A tentative response to Louv's Nature Deficit Disorder from the Eastern Cape. Paper presentation, ISER research colloquium, Rhodes University, Eastern Cape. 1<sup>st</sup> November 2010.

Kull, C.A. & Shackleton, C.M. 2010. Adapting to new societies: the adoption of introduced Australian acacias. Paper presentation, International Conference on "Australia Acacias as invasive species", Stellenbosch, 4-8 October.

Marais, C., Cowling, R.M., Powell, M. & Mills, A. Conference publication. Establishing the platform for a carbon sequestration market in South Africa: the Working for Woodlands Subtropical Thicket Restoration Programme. XIII World Forestry Congress, Buenos Aires, Argentina. 18-23 October 2010.

McConnachie, M., Cowling, R., Knight, K., Marais, C. and Difford, M. 2010. Challenges and opportunities for state run restoration: lessons learnt from South Africa's Working for Water Project. Association for tropical biodiversity and conservation. (International Conference, Oral presentation), Indonesia, Bali.

McConnachie, M., Cowling, R. and Knight, K. 2010. A pragmatic methodology for bridging the gap between science and management. Bridging Conservation and Development in Latin America and Africa. (International Conference, Poster), USA, Florida.

Shackleton, S.E. 2010. A conceptual framework for integrating climate change adaptation into higher education learning and research that strengthens capacity to respond to climate change at multiple levels. ICID 2<sup>nd</sup> International Conference: climate, sustainability and development in semi-arid lands in Fortaleza, Brazil, 16-20 August 2010. Invited panellist.

Shackleton, S.E. & Kelly, K. 2010. Title of Paper: HIV/AIDS, climate change and the environment. Political Economy of HIV and AIDS. 7-9 March, East London (organised by Eastern Cape Socio Economic Consultative Council - ECSECC).

Shackleton, S.E. 2010. Linking livelihoods and ecosystem vulnerability in southern Africa: Consequences for conservation and development. Invited speaker, "Changing Contexts: The Planet's Rapidly Changing Environment." Session. "Bridging Conservation and Development in Latin America and Africa. Changing Contexts, Changing Strategies". January 28 - 30, University of Florida, Gainesville, Florida. Paper for Ecology and Society in preparation.

Shackleton, S.E. & Shackleton, C.M. 2010. Linking livelihood vulnerability and ecosystem vulnerability in southern Africa: consequences for ecosystem management and development. Proceedings of the 2010 Congress of the Latin American Studies Association, Toronto, Canada, 6-9 October.

Shackleton, C.M. Public lecture: 26 March 2010 - The contribution of non-timber forest products to rural livelihoods and poverty prevention in southern Africa (a fairly dry place). Ashoka Trust for Research in Ecology and the Environment, Bangalore ((India).

Shackleton, C. M. Public lecture: 14 May 2010 - The impacts of HIV/AIDS on natural resource use and management in southern Africa. Bangalore Agricultural University, Bangalore (India).

Shackleton, C.M. Public lecture: 31 May 2010 - Private land conservancies as conservation instruments in South Africa. Nature Conservation Foundation, Mysore (India).

Thondhlana, G. Dryland conservation areas, indigenous people, livelihoods and resource values in South Africa: the case of the Kgalagadi Transfrontier Park. Global South workshop 4-8 October 2010, Graduate Institute of International and Development Studies, Geneva, Switzerland.

## **2010 RESEARCH REPORTS ()**