

ENVIRONMENTAL SCIENCE

RHODES UNIVERSITY (SOUTH AFRICA)

PUBLICATIONS, REPORTS, CONFERENCES, ETC.

2009 JOURNAL PUBLICATIONS (20)

Amutenya, N., Shackleton, C.M. & Whittington-Jones, K. 2009. Paper recycling patterns and potential interventions in the education sector: a case study of paper streams at Rhodes University, South Africa. *Resources, Conservation and Recycling* 53:237-242.

Cundill, G. & Fabricius, C. 2009. Monitoring in adaptive co-management: toward a learning based approach. *Journal of Environmental Management*, article in press:1-7.

Davenport, N.A. & Gambiza, J. 2009. Municipal commonage policy and livestock owners: Findings from the Eastern Cape, South Africa. *Land Use Policy*, 26:513-520.

Grenfell, M.C., Ellery, W.N. & Grenfell, S.E. 2009. Valley morphology and sediment cascades within a wetland system in the KwaZulu-Natal Drakensburg Foothills, Eastern South Africa. *Catena* 78:20-35.

Grenfell, S.E., Ellery, W.N. & Grenfell, M.C. 2009. Geomorphology and dynamics of the Mfolozi River floodplain, KwaZulu-Natal, South Africa. *Geomorphology* 107:226- 240.

Grenfell, S.E. & Ellery, W.N. 2009. Hydrology, sediment transport dynamics and geomorphology of a variable flow river: the Mfolozi River, South Africa. *Water SA* 35 (3):271-282.

Hajat, A., Banks, D., Aiken, R. & Shackleton, C.M. 2009. Efficacy of solar power units for small-scale businesses in a remote rural area, South Africa. *Renewable Energy* 34:2722-2727.

Kaschula, S.A. & Shackleton, C.M. 2009. Quantity and significance of wild meat off-take by a rural community in the Eastern Cape, South Africa. *Environmental Conservation* 36 (3):192-200.

Mapaure, I., Campbell, B.M. & Gambiza, J. 2009. Evaluation of the effectiveness of an early peripheral burning strategy in controlling wild fires in north-western Zimbabwe. *African Journal of Ecology* 47:518-527.

McGarry, D.K. & Shackleton, C.M. 2009. Is HIV/AIDS jeopardizing biodiversity? *Environmental Conservation* 36 (1):5-7.

McGarry, D.K. & Shackleton, C.M. 2009. Children navigating rural poverty: Rural children's use of wild resources to counteract food insecurity in the Eastern Cape, South Africa. *Journal of Children and Poverty* 15 (1):19-37.

Paumgarten, F. & Shackleton, C.M. 2009. Wealth differentiation in household use and trade in non-timber forest products in South Africa. *Ecological Economics* 68:2950-2959.

Pierce, S., Cowling, R.M., Mills, A., Powell, M. & Sigwela, A. 2009. Restoring valuable spekboomveld using the international carbon market. *BGjournal* 6(1): 13-15.

Shackleton, C.M. 2009. Can tropical forest science contribute to international development agendas? *Journal of Tropical Science* 21(4):v-vi.

Shackleton, C.M. 2009. Will the real custodian of natural resource management please stand up. *South African Journal of Science* 105:91-93.

Shackleton, C.M., Cundill, G. & Knight, A.T. 2009. Beyond just research: experiences from southern African in developing social learning for resource conservation initiatives. *Biotropica* 41(5):563-570.

Shackleton, C.M., Parkin, F., Chauke, M.I., Downsborough, L., Olsen, A., Brill, G. & Weideman, C. 2009. Conservation, commercialisation and confusion: harvesting of *Ischyrolepis* in a coastal forest, South Africa. *Environment, Development & Sustainability* 11:229-240.

Tandlich, R., Zuma, B.M., Whittington-Jones, K.J. & Burgess, J.E. 2009. Mulch tower treatment system for greywater reuse Part II: destructive testing and effluent treatment. *Desalination* 242:57-69.

Ward, C.D., Parker, C.M. Shackleton, C.M. 2009. The use and appreciation of botanical gardens as urban green spaces in South Africa. *Urban Forestry & Urban Greening* 9:49-55

Zuma, B.M., Tandlich, R., Whittington-Jones, K.J. & Burgess, J.E. 2009. Mulch tower treatment system Part 1: overall performance in greywater treatment. *Desalination* 242:38-56.

2009 BOOK CONTRIBUTIONS (6)

Oluoch, M.O., Pichop, G.N., Silué, D., Abukutsa-Onyango, M.O., Diouf, M. & Shackleton, C.M. 2009. Production and harvesting systems for African indigenous vegetables. In: Shackleton, C.M., Pasquini, M.W. & Drescher, A.W. (eds). *African Indigenous Vegetables in Urban Agriculture*. Earthscan, London. pp. 145-175.

Pasquini, M.W., Assogba-Komlan, F., Vorster, I., Shackleton, C.M. & Abukutsa-Onyango, M.O. 2009. The production of African indigenous vegetables in urban and peri-urban agriculture: a comparative analysis of case studies from Benin, Kenya and South Africa. In: Shackleton, C.M., Pasquini, M.W. & Drescher, A.W. (eds). *African Indigenous Vegetables in Urban Agriculture*. Earthscan, London. pp. 177-223.

Shackleton, C.M., Pasquini, M.W. & Drescher, A.W. 2009. African indigenous vegetables in urban agriculture: recurring themes and policy lessons for the future. In: Shackleton, C.M., Pasquini, M.W. & Drescher, A.W. (eds). *African Indigenous Vegetables in Urban Agriculture*. Earthscan, London. pp. 271-284.

Shackleton, C.M., Pasquini, M.W. & Drescher, A.W. (eds) 2009. *African Indigenous Vegetables in Urban Agriculture*. Earthscan, London. 298 pp. ISBN 978-1-84407-715-1.

Shackleton, S., Shackleton, C., 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 NTFP: lessons from marula (*Sclerocarya birrea* subsp. *caffra*) in southern Africa. In: Uma Shaanker, R., Hiremath, A.J., Joseph, G.C. & Rai, N.D. (eds). *Non-Timber Forest Products: conservation, management and policy in the Tropics*. Atree, India. Pp. 139-174.

Shackleton, S.E. 2009. Case study: Marula beer of the Bushbuckridge community. In: *Kagiso Senior Secondary Life Sciences GR11 LB*. Maskew, Miller, Longman, Cape Town.

2009 POLICY BRIEFS AND POPULAR ARTICLES ()

2009 CONFERENCE PRESENTATIONS (6)

Alexander, J., Cocks, M. & Shackleton, C.M. 2009. A thicket of stories: children's environmental narratives. (Paper). Annual Thicket Forum, Assegai Trails Reserve, 25-27 August.

Collings, S. Economic consequences of ecological change: valuation of ecosystem services of Lake St Lucia and Mfoloi Floodplain, South Africa. Paper presentation at the Environmental Resource Economics Conference, Ritz Hotel, Sea Point, Cape Town 21-22 May 2009.

McConnachie, M., Cowling, R., Marais, C., Moore, E. and Difford, M. 2009. Identifying the constraints and opportunities for cost-effective restoration of invaded Fynbos Areas. Ecology and Management of Alien Plant Invasions (International Conference), Stellenbosch 23-27 August.

Thondhlana G. 2009. Challenges in making incentive-driven conservation work in complex community situations: the case of the Kalahari. Paper presentation at the Bioregion Planning Workshop, Kruger National Park, 21-24 October.

Shackleton, C.M. 2009. Poverty alleviation and local economic development through use of natural resources: examples from South Africa. International conference on sustainable use of energy and biodiversity resources for wealth creation and development. Kampala, Uganda, 10-14th March.

Shackleton, C.M. 2009. Trade-offs in the manual removal of an invasive shrub (*Euopys floribundus*) in South Africa. International conference on invasive plants in the Tropics: ecology, management and livelihoods. Bangalore, India, 4-6th January.

2009 RESEARCH REPORTS (1)

Fearon, J.J. & Shackleton, C.M. 2009. A review of natural resource use in and around four Wild Coast reserves in the Eastern Cape, South Africa. Report to Eastern Cape Parks. 26pp.