

ENVIRONMENTAL SCIENCE

RHODES UNIVERSITY (SOUTH AFRICA)

PUBLICATIONS, REPORTS, CONFERENCES, ETC.

2008 JOURNAL PUBLICATIONS (12)

- Appleton, C.C., Ellery, W.N., Byskov, J. & Mogkweetsinyana, S.S. 2008. Epidemic transmission of intestinal schistosomiasis in the seasonal part of the Okavango Delta, Botswana. *Annals of Tropical Medicine & Parasitology* 102 (7): 611-623.
- Benhenna, M., Vetter, S. & Fourie, S. 2008. Viability of alien and native seed banks after slash and burn: effects of soil moisture, depth of burial and fuel load. *South African Journal of Botany* 74: 454-462.
- Cocks, M.L., Bangay, L., Shackleton, C.M. & Wiersum, K.F. 2008. 'Rich man poor man' – interhousehold and community factors influencing the use of wild plant resources amongst rural households in South Africa. *International Journal of Sustainable Development & World Ecology* 15: 1-13.
- Dovie, D.B.K., Witkowski, E.T.F. & Shackleton, C.M. 2008. Knowledge of plant resource use based on location, gender and generation. *Applied Geography* 28: 311-322.
- Fourie, S. 2008. Composition of the soil seed bank in alien-invaded grassy fynbos: potential for recovery after clearing. *South African Journal of Botany* 74: 445-453.
- Gambiza, J., Campbell, B.M., Moe, S.R. & Mapaure, I. 2008. Season of grazing and stocking rate interactively affect fuel loads in *Baikiaea plurijuga* Harms woodland in northwestern Zimbabwe. *African Journal of Ecology* 46: 637-645.
- Grenfell, M.C., Ellery, W. & Grenfell, S.E. 2008. Tributary valley impoundment by trunk river floodplain development: a case study from the KwaZulu-Natal Drakensburg foothills, eastern South Africa. *Earth Surface Processes and Landforms* 33: 2029-2044.
- Knight, A.T. & Cowling, R.M. 2008. Clearing the mud from the conservation opportunity debate: reply to Pressey and Bottrill. *Conservation Biology* 22 (5): 1346-1348.
- McConnachie, M., Shackleton, C.M. & McGregor, G.K. 2008. The extent of public green space and alien plant species in 10 small towns of the Sub-Tropical Thicket Biome, South Africa. *Urban Forestry and Urban Greening* 7 (1): 1-13.
- Shackleton, C.M. & Gambiza, J. 2008. Social and ecological trade-offs in combating land degradation: the case of invasion of a woody shrub (*Euryops floribundus*) at Macubeni, South Africa. *Land Degradation & Development* 19: 454-464.
- Shackleton, C.M., Paumgarten, F. & Cocks, M.L. 2008. Household attributes promote diversity of tree holdings in rural areas, South Africa. *Agroforestry Systems* 72: 221-230.
- Shackleton, S.E., Campbell, B., Lotz-Sisitka, H. & Shackleton, C.M. 2008. Links between the local trade in natural products, livelihoods and poverty alleviation in a semi-arid region of South Africa. *World Development* 36 (3): 505-526.

2008 BOOK CONTRIBUTIONS (5)

- Cundill, G. & Fabricius, C. 2008. Adaptive co-management under resource-poor conditions: Lessons from South Africa. In: Burns, M. & Weaver, A. (Eds). *Exploring sustainability science: a southern African perspective*. Sun Press. Stellenbosch. 537-567. (ISBN: 978-1-920109-51-6).
- Gunarso, P., Dwi Santosa, K., Shackleton, C.M., Sunderland, T., Campbell, B.M., Priyadi, H., Levang, P., Sheil,

D. & Dounias, E. 2008. Towards sustainable forest management and improved livelihoods in tropical forests: lessons and conclusions. In: Gunarso, R., Setyawati, T., Sunderland, T. & Shackleton, C.M.(eds). *Managing forest resources in a decentralized environment: lessons learnt from the Malinau Research forest, East Kalimantan, Indonesia*. CIFOR, Bogor. 181-190. (ISBN 978-979-244-688-3).

Gunarso, R., Setyawati, T., Sunderland, T. & Shackleton, C.M. 2008 *Managing forest resources in a decentralized environment: lessons learnt from the Malinau Research forest, East Kalimantan, Indonesia*. CIFOR, Bogor. 190pp. (ISBN 978-979-244-688-3).

Shackleton, S.E. 2008. Box 6. Impact of timber certification on resource access in South Africa. In: Shanley, P., Pierce, A., Laird, S. & Robinson, D. (eds). *Beyond timber: Certification of non-timber forest products*. USAID, Brazil (Portuguese) and CIFOR/Forest Trends (English), Bogor, Indonesia. 108pp. (ISBN 978-979-1412-44-5).

Shackleton, S.E., Shanley, P. and Ndoye, O. 2008. Viable but invisible: Recognising local markets for non-timber forest products. In: Hussain, A.(Ed). *Managing non-timber forest products: A global overview*. Icfai University Press, India. 28-61. (ISBN:978-81-314-1528-3). This contribution involves the reprinting of a paper published in *International Forestry Review*.

2008 POLICY BRIEFS AND POPULAR ARTICLES

Pierce, S., Cowling, R., Mills, A., Powell, M. & Sigwela, A.2008. Restoring valuable spekboomveld. *Veld & Flora* December: 222-224.

2008 CONFERENCE PRESENTATIONS (16)

Cundill, G. Scale mismatches in monitoring: Short careers and slow variables. Paper presentation at the international conference Resilience, Adaptation and Transformation in Turbulent Times, Stockholm, Sweden, April 14-17, 2008.

Cundill, G. Toward collaborative monitoring in adaptive co-management: A Framework and Lessons from South Africa. Poster presentation at the ninth Student Conference on Conservation Science, Cambridge, UK, March 25-27, 2008.

Davenport, N. The contribution of municipal commonage to local peoples' livelihoods in small South African towns within the thicket biome. Presentation: Annual Thicket Forum, Thomas Baines Nature Reserve, 20-22 Aug 2008.

Fourie, S. Kouga Riparian Rehabilitation Project. Fynbos Forum, Oudtshoorn, August 2008

Knight, A.T. & Cowling, R.M. Towards A True Ecology: Exploring the Human and Social Dimensions of Fencing for Conservation in the Subtropical Thicket Biome, South Africa Seminar presented at the XXII Annual Meeting of the Society for Conservation, 13th to 17th July 2008, Chattanooga, Tennessee, U.S.A.

Knight, A.T. & Cowling, R.M. Thicket Forum: Past, Present and Future. Seminar presented at the Thicket Forum, 20th to 22th August 2008, Thomas Baines Nature Reserve (near Grahamstown), Eastern Cape, South Africa.

Martens, C. 2008. Governance and management of commonage in three small towns in the Eastern Cape, South Africa. Presentation: Annual thicket forum, Thomas Baines Nature Reserve, 20-22 Aug.

McConnachie, M. Assessing the cost-effectiveness of restoration alternatives for invaded riparian areas. Fynbos Forum, Oudtshoorn, August 2008.

McGregor, G.K. & Knight, A.T. Conservation planning and inter-disciplinarity: improving map products. Published proceeding: 5th International Conference on GIS (ICGIS), 2nd to 5th July 2008, Fatih University, Istanbul, Turkey

McGregor, G.K. & Knight, A.T. Conservation planning and inter-disciplinarity: improving map products. Seminar presented at the 5th International Conference on GIS (ICGIS), Fatih University, Istanbul, Turkey.

2nd to 5th July 2008.

Paumgarten, F. & Shackleton, C.M. 2008. Household vulnerability and the safety net function of NTFPs in the Eastern Cape and Limpopo Provinces, South Africa. (Paper). Int. conference on Sustainable Forest Management in Africa: African solutions to African problems in natural forest management. 2 – 7th November, Stellenbosch.

Powell, M., Shackleton, C.M., Bangay, L., Mills, A., Spekreijse, J. & Cowling, R. Spekboom survivorship during Subtropical Thicket restoration.. Oral Presentation at Thicket Forum held at Thomas Baines Nature Reserve, Grahamstown. 20-22 August 2008.

Powell, M., Shackleton, C.M., Bangay, L., Mills, A., Spekreijse, J. & Cowling, R. *Portulacaria afra* truncheon survivorship within a large-scale restoration programme in the Baviaanskloof. Oral paper presented at the Annual South African Wildlife Management Association held at Mpekweni Sun 16-19 September 2008.

Shackleton, S.E., Kassa, H., Husselman, M. and Zida, M. Forest-based enterprises in Africa's dry forests: Where do women stand? Conference presentation: Sustainable forest management in Africa. Stellenbosch. 3-7 November 2008.

Stickler, M.M. & Shackleton, C.M. 2008. The challenges of valuing localised ecosystem services provided by sub-tropical thicket on the Bathurst commonage. (Poster). Annual Thicket Forum, Thomas Baines Reserve, 20-22 August.

Walpole, S.C., Knight, A.T., Dick, R.C. & Robson, A.D. Integrating expert knowledge and systematic assessment to resolve land-use conflict in the Northern Floodplains region, New South Wales. Seminar presented at the Australian Protected Areas Congress, Sunshine Coast, Queensland, Australia. 24th - 28th November 2008.

Weyer, D, Shackleton, S.E., and Sigwela, A. Informing forest restoration through local knowledge: A study from the wild coast, South Africa. Conference presentation: Sustainable forest management in Africa. Stellenbosch. 3-7 November 2008.

2008 RESEARCH REPORTS (1)

Shackleton, C.M., Shackleton, S.E., Gambiza, J., Nel, E., Rowntree, K. & Urquhart, P. 2008. Links between ecosystem services and poverty alleviation: situation analysis for arid and semi-arid lands in southern Africa. Report to Khanya-aicdd, Bloemfontein. 192pp.