

Biography: Dr Dirk J Roux

1. Employer

CSIR – Natural Resources and the Environment
www.csir.co.za

Function in Organisation: Principal Researcher and Project Leader (Water Ecosystems Research Group)

2. Contact details

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3. Experience

Dirk has worked in CSIR's contract R&D environment for the past ten years. His scientific experience covers the fields of limnology, aquatic toxicology, environmental monitoring and reporting, biodiversity assessment, systematic conservation planning, adaptive resource management, and institutional learning and knowledge processes.

4. Principal research interests

- Assessment, management and conservation of freshwater ecosystems
- Governance of water/natural resources, specifically in relation to processes of collaboration, learning and knowledge sharing
- Adaptability, resilience and self-organisation of social-ecological systems

5. Selection of papers

Rogers, K., Roux, D., and Biggs, H. 2000. Challenges for catchment management agencies: Lessons from bureaucracies, business and resource management. *Water SA* 26(4): 505-511. Available online:

<http://www.wrc.org.za/archives/watersa%20archive/2000/October/1300.pdf>

Roux, D., de Moor, F., Cambray, J., and Barber-James, H. 2002. Use of landscape-level river signatures in conservation planning: a South African case study. *Conservation Ecology* 6(2): Art 6. Available online: <http://www.consecol.org/vol6/iss2/art6/print.pdf>

Roux, D.J., Rogers, K.H., Biggs, H.C., Ashton, P.J., and Sergeant, A. 2006. Bridging the science-management divide: Moving from unidirectional knowledge transfer to knowledge interfacing and sharing. *Ecology and Society* 11(1): 4. Available online:

<http://www.ecologyandsociety.org/vol11/iss1/art4/>