

Biography: Dr Nicholas Rivers-Moore



1. Employer

Ezemvelo KZN Wildlife
www.kznwildlife.com

Function in Organisation:

Mentor Aquatic Ecologist, Biodiversity Unit

2. Contact details

Ezemvelo KZN Wildlife
P.O. Box 13053
Cascades
3203
South Africa

Tel: +27 33 845 1429

Fax: +27 33 845 1226

Email: riversmn@kznwildlife.com

3. Experience

Nick joined EKZNW's Biodiversity Unit on a two-year contract in May of this year, where his primary task is to develop an aquatic conservation plan for KwaZulu-Natal. His scientific experience covers the fields of aquatic macroinvertebrate ecology, hydraulics and hydrology, modelling and analyses of water temperatures, and systematic conservation planning.

4. Principal research interests

- Deriving targets for aquatic conservation planning;
- Ecological significance of water temperatures;
- Links between hydrology, hydraulics and aquatic macroinvertebrate patterns;
- Refinement of an aquatic conservation plan for KwaZulu-Natal.

5. Selection of papers

Rivers-Moore, N.A., de Moor, F.C., Morris, C. and O'Keeffe, J. (2006) Effect of flow variability modification and hydraulics on invertebrate communities in the Great Fish River (Eastern Cape province, South Africa), with particular reference to critical hydraulic thresholds limiting larval densities of *Simulium chatteri* Lewis (Diptera, Simuliidae). *River Research and Applications* (in press).

Rivers-Moore, N.A. and Jewitt, G.P.W. (2006) Adaptive management and water temperature variability within South African rivers: What are the management options? *Journal of Environmental Management* (in press).

Rivers-Moore, N.A., Jewitt, G.P.W. and Weeks, D.C. (2005) Derivation of quantitative management objectives for annual instream water temperatures in the Sabie River using a biological index. *Water SA* 31(4): 473-481.