

Mao Angua Amis
PhD Candidate
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Experience

Mr. Amis holds a Master of Science in Conservation Biology from UCT and is currently studying towards a PhD at the Freshwater Research Unit, University of Cape Town. His PhD is focusing on assessing threats and the identification of priority freshwater ecosystems in the Cape Floristic Region. He is also looking at the linkage between science and conservation policy, by trying to elucidate the effectiveness of implementing freshwater conservation policies both at the national and regional scale. Amis has extensive training on many aspects of conservation science, and has presented papers at several international conferences. Amis sits in the Taskforce team of the CAPE fine scale conservation planning project, and is part of the technical team of the freshwater component. The CAPE fine scale project is a GEF funded project, and is currently using 5 priority sites in the Cape Floristic Region to develop a conservation plan and land use guidelines for conservation agencies and local authorities.

Principal research interests

- Freshwater conservation planning & GIS
- Global change and its impact on freshwater ecosystems
- Conservation science- policy interface

Selected publications & manuscripts in preparation

- **Amis M. A.** (2005). *The story of the old man saltbush in the Karoo*. African Wildlife. Vol. 59: 3. 38-39.
- **Amis M. A.**, A. Balmford, M. Rouget, J. Day, J. Nel, W. Thuiller, C.J. Kleynhans (*in press*). *Predicting freshwater habitat integrity using land use surrogates*. Water SA.
- Wilson J., David M. Richardson, S. Procs, M. Rouget, W. Thuiller, **M.A. Amis**, L. Henderson (*in press*). *The role of residence time, human usage, geographic origin, and life form on the distribution of invasive alien plants in South Africa*. Diversity & Distributions.

Selected international scientific conferences

- **Amis M. A.**, M. Rouget, M. Lotter, J. Day, W. Thuiller (oral). *Integrating freshwater and terrestrial perspectives in conservation planning*. British Ecological Society Annual Meeting. **Oxford**. 5th- 7th September 06
- **Amis M.A.**, A. Balmford, M. Rouget, J. Day (oral). *Land use patterns and the state of our rivers: A case study from South Africa*. 1st Diversitas open science conference. **Oaxaca, Mexico**. 9th-12th Nov. 05
- **Amis M.A.**, (oral). *A GIS-based model of river ecological integrity for conservation planning*. Abstracts p. 124, Annual Meeting of the Society for Conservation Biology (SCB) **Brasilia**, Brazil. 15th-19th July 05. **Invited guest speaker**
- **Amis M.A.**, (oral). *Freshwater Conservation Planning: Where To From Here?* Student Conference on Conservation Science. **Cambridge**, UK. 22-24 March 05