

Phoebe BARNARD



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Keywords

- biodiversity, especially birds and other animals
- climate change
- invasive species
- life history strategies
- natural hazards
- arid and semi-arid zones of Africa

Research activity

Current and planned studies:

- GCBESA - Global Change, Biodiversity, Ecosystems and Society in Africa: Implications for Policy, Planning and Management - in development
- BISCC - Biodiversity, Invasive Species and Climate Change: Predicting Compound Impacts in Vulnerable Areas of Africa and the Mediterranean - in development
- Ecological determinants of extinction and vulnerability to global change in African birds
- Biodiversity responses to compound impacts of global environmental change, at species, population, and individual levels
- Episodic events and natural hazards, and how animal species and human societies cope
- Translating research into effective tools for policy, planning and management

Previous studies:

- Biodiversity planning, policy and national implementation in Namibia (1994-2003)
- Climate change planning, policy and national implementation in Namibia (2000)
- Ornament and body size variation in some African passerine birds (1990-94)
- Mating systems and reproductive ecology of the African whydahs, *Vidua* (1985-89)
- Foraging ecology and energetics of three African raptors in a montane grassland (1983-84)
- Population ecology and reproductive failure in American kestrels, *Falco sparverius* (1982)
- Foraging behaviour and energetics of northern harriers, *Circus cyaneus* (1981-1983)



Teaching and supervision

- Co-supervising PhD thesis, Sebataolo Rahlao, *"Current and future vulnerability of southern African ecosystems to perennial grass invasion under global change scenarios"*
- Mentorship role for younger staff in biodiversity planning and research, Namibian Ministry of Environment and Tourism, 1994-2003
- Course organizer and lecturer in biodiversity, ecology, evolution, biogeography and conservation biology for Tropical Biology Association, Kibale Forest and Queen Elizabeth National Park, Uganda - MSc and PhD levels, June 1995
- Guest lecturer in evolution PhD course, Trondheim University, Norway, November 1993
- Lecturer in ecology, evolution, biogeography, life history strategies and conservation biology, undergraduate courses, University of Namibia, 1989-1991
- Lecturer in conservation biology (founded undergraduate course), University of the Witwatersrand, Johannesburg, 1987-1988

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