

Curriculum Vitae

Lars Kazmeier

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Education: Diploma Degree in Biology



Environmental Management Skills and Experience

- GPS/GIS-based environmental data capture and analysis
- Faunal assessments
- IT systems and database integration

Education and Employment

Education

- **Data analysis** 01/2005 – 04/2006
 - In Germany
 - PhD completion pending due to return to Australia for immigration
- **PhD-data collection** 02/2001 – 12/2004
 - In North Queensland, Australia
 - Including ~1 year interruption due to a back injury
- **Diploma Degree in Biology** 1994-2000
 - Friedrich–Alexander-University Erlangen-Nürnberg, Bavaria, Germany
 - Main subjects
 - Zoology - Ethology
 - Terrestrial Ecology
 - Marine Ecology
 - Epistemology
 - Evolutionary Theory

Including 1 ½ years Diploma Thesis on the den use of three sympatric possum species in a tropical Australian rainforest in English, partly funded by the German Government (German Academic Exchange Service, DAAD).



Employment

- **Environmental Scientist** 11/2006 - current

Biotropica Australia Pty Ltd Tarzali, Atherton Tablelands, Queensland

Main areas of responsibility include:

- Developing GIS-based data capture and report/database compilation procedures and software/applications for Environmental Management Plans for Queensland-wide linear infrastructure (Ergon Energy/Powerlink Queensland and Department of Main Roads)
- Field data capture for and compilation of Environmental Management Plans for Queensland-wide linear infrastructure:
 - Ergon Energy: Production of 130+ EMPs (incl. corresponding GIS datasets for integration in Ergon's internal databases) for Ergon assets between Rockhampton and Cooktown
 - Powerlink Queensland: Production of EWP GIS datasets for Powerlink's entire high voltage transmission powerline infrastructure north of Townsville
 - Development of an automated report production application to create hardcopy EWPs derived from Powerlink's EWP GIS datasets
 - Stanwell Corporation: Production of EMPs and LMPs for the majority of Stanwell's assets between Tully and Cairns
 - Department of Main Roads: Production of Environmental Assessment reports for major highway upgrades/maintenance between Townsville and Weipa
- Development of a mobile-GIS-based Field Data Collection Tool for Fire Hazard Assessment (Linear Electricity Infrastructure Management)
- GIS-based analyses for compliance referrals to State and National authorities
- Fauna assessments including small mammal trapping and spotlighting
- IT & GIS-Systems development & administration



- **Volunteer** 02/2001 - 12/2004

 - Voluntary conservation and education-related activities, such as: public, school and academic lectures, television and radio contributions on national level in both Germany and Australia, development and maintenance of a website for a local Australian not-for-profit conservation organisation (TKMG), projects with local Australian National Park management agencies and supervision of international student projects.

- **Exhibition Coordinator** 07/2000

Erlangen/Nuremberg University/Nuremberg Zoo

 - Preparation of a 5-panel Great Barrier Reef Ecology showcase for presentation in the university foyer and the Nuremberg Zoo

- **Assistant supervisor** 05/1997 – 07/1997

Germany

 - Advanced zoological coursework (practical uni-courses supervision/training of students in animal morphology).

- **Volunteer** 09/1997 – 02/1998

Voluntary activities in Australia during Diploma thesis data collection:

 - Centre for Tropical Restoration (Lake Eacham) including seed propagation/site preparation for rainforest linkage restoration; fauna surveys and National Park management
 - Massey Creek Ecology Centre (Ravenshoe) including rainforest research site maintenance and research assistance for James Cook University, Townsville
 - Ravenshoe State School including environmental orientation camp for grade 7/8

- **Conservation and Ecology Activities** 07/1995 – 04/1999

Europe and Germany

 - Banyuls - Southern France (Mediterranean marine ecosystem)
 - Southern Finland (Subarctic forest ecosystem)
 - Bavaria, Southern Germany (Ecosystem evaluation, seed production)
 - Sylt Island, Northern Germany (Wadden-Sea - tidal flat protection)



Referees

- **Dr John Winter**

Senior Research Scientist

Queensland Parks Wildlife Service (QPWS)

Atherton QLD 4883

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- **Dr Andrew Dennis**

Research Scientist

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