

Personal Profile

Lars has over 15 years' experience in Environmental Management, GIS and Zoology. Having been employed with Biotropica Australia since 2006 Lars has developed extensive expertise in linear infrastructure surveys and is a highly skilled GIS (Geographical Information Services) specialist and coordinates Biotropica's IT infrastructure.

Lars has significant experience in fauna studies having completed his study of upland rainforest possums in the highlands around Ravenshoe Queensland and the data collection component of a study of Lumholtz's Tree Kangaroos near Malanda Queensland. He has assisted in several James Cook University allied studies including Rock-wallabies, reptiles and Northern quolls and holds membership with the Environment Institute of Australia and New Zealand.

Lars is also a GIS system specialist with over 12 years of experience of environmental based data capture, database development, spatial analysis and environmental constraints mapping.

Education / Qualifications

Research study towards PhD (Ecology and social system of Lumholtz tree kangaroos)
Friedrich-Alexander University Erlangen-Nuremberg, Germany 2001 - 2004

Diploma Degree (Biology)
Friedrich-Alexander University Erlangen-Nuremberg, Germany 1994-2000

Employment

Environmental Scientist 2006 - current
Biotropica Australia, Tarzali, Atherton Tablelands, Queensland, Australia

Volunteer 2001-2004
Voluntary conservation and environmental education related activities in Australia

Exhibition Coordinator 2000
Great Barrier Reef Exhibition Erlangen/Nuremberg University / Nuremberg Zoo, Germany

Assistant Supervisor 1997
Undergraduate Zoological Coursework Friedrich-Alexander University Erlangen-Nuremberg, Germany

Key Projects

- **Client:** Private Developer (2018/19)
Project: Taylor Point Ecotourism Resort
- **Client:** Tablelands Regional Council (2018)
Project: Pre-construction ecological assessment of Herberton water supply upgrades
- **Client:** Broadcast Australia (2018)
Project: Telecommunications Tower Upgrade
- **Client:** Private Developer (2017)
Project: Kewarra Beach Resort; On-ground mapping of ecological features.
- **Client:** QLD Department of Transport and Main Roads (2017-2018)
Project: Environmental Management Plans for all State-controlled road sections in the Wet Tropics World Heritage Area, and selected Sensitive Areas north of Townsville.
- **Client:** Queensland Rail (2017)
Project: Kuranda Railway – Development of a current environmental data GIS platform for internal use by staff for assessments of environmental issues
- **Client:** Ports North (2016-2017)
Project: Cairns Shipping Development - Spatial data component of Revised EIS (Terrestrial Ecology; data collection, processing, and management, including extensive mapping)
- **Client:** Various industries/clients (2013-current)
Project: Threatened Species habitat mapping and modelling
- **Client:** Private developer (2013-2014)
Project: Aquis at the Great Barrier Reef GIS / mapping and Environmental Science for the terrestrial ecology component of EIS
- **Client:** Various industries/clients (2012-current)
Project: Wet Tropics World Heritage Area Inductions
- **Client:** Exxon Mobil PNG LNG (2012-2016)
Project: Spatial data management for weed and reinstatement monitoring (incl. graphic design of a published exotic plant field guide)
- **Client:** QLD Department of Transport and Main Roads (2013-current)
Project: Road Maintenance-Townsville to Cape York - Spatial database development and production and mapping of environmental values and landscape-scale linkages for road maintenance management projects.
- **Client:** Ergon Energy / Powerlink / Stanwell (2006-2014)
Project: Environmental Management Plans (Rockhampton – Cooktown) - Ecological assessment of Ergon Energy/Powerlink powerline corridors and power/sub-stations in protected areas. For each powerline extent, an Environmental Management Plan including spatial data provision and maps of key ecological factors in each span, with associated narrative was produced.