

Postdoc in Quantitative Wildlife Ecology

Academic Level A, \$82,753 - \$110,726 per annum
Based at the University of Queensland in Brisbane (Australia)
Applications due 27 January 2022
More info at www.ecologicalcascades.com



Dr Matthew Luskin and The Ecological Cascades Lab invite applicants for a postdoc in quantitative wildlife ecology based at the University of Queensland in Brisbane, Australia, starting March 2022 (flexible).

Government agencies, NGOs, and researchers all collect similar wildlife datasets using camera traps. This provides an immense opportunity for larger-scale syntheses, longer temporal analyses and to leverage multiple datasets for robust threatened species monitoring. However, to accomplish these goals requires collaboration and data sharing, and there is no In Australian entity serving this cause.

To address this gap, I aim to establish a Wildlife Observatory (WildObs), which will be a camera trap data collation and synthesis centre. WildObs will partner with [TERN](#) at UQ to provide a dedicated space to facilitate wildlife data sharing and to provide powerful new analytical tools to benefit Australian wildlife and conservation. We will be applying to numerous funding calls in collaboration with other academics, government partners, and NGOs such as the [ALA](#), [WWF](#), and [AWC](#).

The successful applicant will work with partners to design and sign data sharing agreements MOUs, collate datasets, and produce synthesis analyses using multi-site multi-season hierarchical occupancy and abundance models. Much of this work has already begun and shows great promise. Now we need to bring on motivated quantitative wildlife ecologist (you!) to lead a sustained push forward!

Duties and Responsibilities

- Camera trap database management and advanced statistical analyses (hierarchical modelling)
- Writing and publication of results in peer-reviewed journals
- Collaborate to share data with numerous academics, NGOs and government agencies
- Take leading role developing bids for multiple large funding opportunities (e.g. [ARC LIEF](#))
- Mentor junior colleagues

Knowledge and Experience Requirements

- PhD degree in ecology or closely related field
- Experience curating and analysing large datasets
- Excellent publishing record in peer-reviewed scientific journals
- Excellent oral and written communication skills in English

Funding is initially for one year although there may flexibility around this. More information about Dr Luskin's research group is available at www.ecologicalcascades.com. More information about the UQ [Centre of Biodiversity and Conservation](#) (CBCS) is on their website. CBCS routinely ranks in the top 3 programs globally in the field of Conservation Biology.

Interested applicants are invited to submit a cover letter, full CV and names and contact details of three referees to mattluskin@gmail.com indicating subject line: **UQ Postdoc in Quantitative Wildlife Ecology – LAST NAME** and must also submit materials via the [UQ Careers - MyWorkdayJobs \[linked\]](#). Review of applications will end on 21 January 2022. Kindly note that only short-listed candidates will be contacted.