

PROJECT DETAILS

Project Title:

Quantifying the social and ecological drivers of green infrastructure biodiversity in Perth

Project Summary: aims, significance, expected outcomes and potential research impact.

Biodiversity in cities is vital for healthy ecosystems, and healthy people. Green infrastructure initiatives are designed to increase biodiversity in cities, and range from small-scale native gardens, to city-wide habitat corridors. The unique climate and biota of Perth mean that greening projects must be locally designed and evaluated to succeed.

This project will work with local councils, developers and residents to understand how social and ecological factors drive the biodiversity of green infrastructure project via structured stakeholder interviews and multi-year biodiversity monitoring. The research will inform a best-practice green infrastructure design framework, and increase public engagement with biodiversity in Perth.

Preferred applicant skill set, describe the capabilities of the HDR applicant:

We are looking for a PhD candidate who has a passion for environmental management, high-level stakeholder engagement and communication skills, and experience in mixed methods analyses. Candidates with experience conducting social research and/or field work, including ecological assessments, is desired.

Internship opportunity:

We will be working with local governments and developers in Perth to undertake this project. For the right applicant there will be opportunities to spend time within the partner organizations and to contribute to urban planning and development initiatives.

Contact person for the project:

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