

Northern Territory

Charles Darwin University

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Approved Project Title **Assessing the viability of ecosystem processes in habitat fragments: lessons from land-clearing in the tropical savannas**

2009 : \$ 26,140

2010 : \$ 26,140

2011 : \$ 26,140

Primary RFCID 3008 ENVIRONMENTAL SCIENCES

APA(I) Award(s): 1

Collaborating/Partner Organisation(s)

NT Department of Natural Resources, Environment and the Arts

Administering Organisation Charles Darwin University

Project Summary

Climate change and land degradation in southern Australia is increasing the demand for agricultural land in northern Australia. Broad scale land-clearing is prohibited in all Australian jurisdictions apart from the Northern Territory. However, our understanding of the impact of fragmentation on ecosystems processes in tropical savannas is poor. This research will set new standards in pursuit of sustainability and conservation objectives within a regional planning context for northern Australian landscapes. We aim to contribute to a sustainability framework and integrated planning process for tropical savannas, so that it reaches its agricultural potential in a sustainable way, while maintaining the area's natural systems and biodiversity.