

Summary of Linkage Infrastructure, Equipment and Facilities Proposals

Northern Territory

Charles Darwin University

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Approved Project Title **Satellite remote sensing and GIS data processing facilities at Charles Darwin University, Darwin**

2007 : \$ 101,967

Primary RFCD 2802 ARTIFICIAL INTELLIGENCE AND SIGNAL AND IMAGE PROCESSING

Partner Organisations & Collaborating Organisations

Administering Organisation Charles Darwin University

Project Summary

Northern Australia is vast, remote and spreads across diverse and extensive landscapes. There is no centralised remote sensing and GIS facility within 2000 kilometres of the CDU, Darwin. The upgraded infrastructure at CDU will assist in strengthening the research base in this remote part of Australia. This will allow the NT researchers to focus on the environmental applications of remote sensing and GIS technologies which will have many community benefits through better management of water resources, land degradation, wetlands, cultural knowledge and sustainable use of Australian biodiversity. The infrastructure will also assist in the training of new researchers within this developing field.