



Examples of *Linkage Projects* Round 2 in 2011

Queensland

Linkage Projects totalling \$16,930,269 covering 43 projects

The University of Queensland (Contact: 07 3365 3560)

Next generation satellite tools for understanding change in coral reef ecosystems due to multiple global and local stressors (LP110200874)

Summary: Rapid changes in sea temperature and acidity are driving major changes in important ecosystems such as the Great Barrier Reef, putting at risk billions of dollars per annum in tourist and fishing earnings. This project will improve the satellite toolkit that the industry partners, Great Barrier Reef Marine Park Authority and National Oceanic and Atmospheric Administration, have at their disposal for responding to these serious threats.

Lead Chief Investigator: Professor Ove Hoegh-Guldberg

ARC funding: \$2,657,193 over 5 years

Queensland University of Technology (Contact: 07 3138 1844)

A legally-informed intervention for schools to prevent and intervene in cases of cyberbullying (LP110200330)

Summary: Cyberbullying is a growing problem for young people as well as amongst adults in the workplace. This project will develop and trial a legally-informed intervention which will be delivered by young people in order to increase student, parent and teacher knowledge of the law to prevent and manage cyberbullying incidents.

Lead Chief Investigator: A/Professor Marilyn Campbell

ARC funding: \$143,226 over 3 years

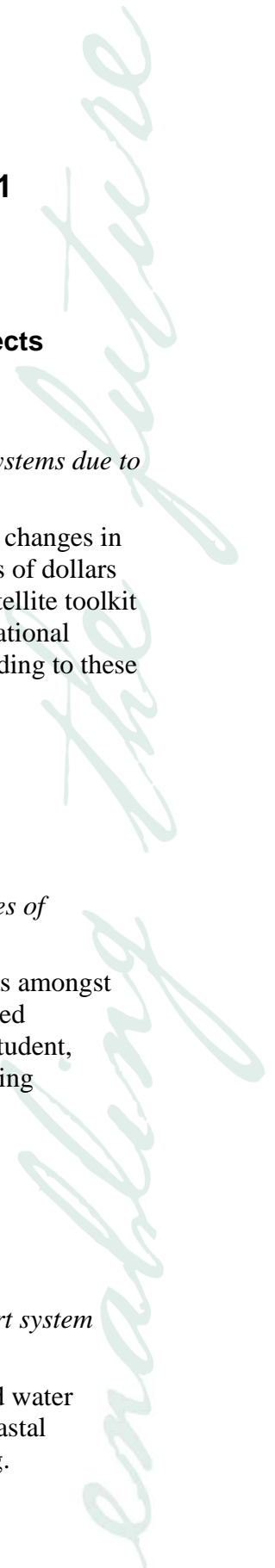
Griffith University (Contact: 07 3735 4106)

Application of artificial neural network in flood emergency decision support system (LP110200832)

Summary: This project will develop a method for rapid estimation of flood water levels. This will increase the warning time for flood evacuation in small coastal catchments where traditional estimating techniques are too time-consuming.

Lead Chief Investigator: Professor Rodger Tomlinson

ARC funding: \$92,000 over 3 years





Australian Government
Australian Research Council

James Cook University (Contact: 07 4781 5361)

Using adaptive and innate immunity to chytridiomycosis to save amphibians from extinction (LP110200240)

Summary: Chytridiomycosis has been implicated in the decline or extinction of hundreds of frog species worldwide since its emergence in the 1970s. The goal of this project is to identify immune frogs for captive breeding and successful reintroduction, screen populations to predict their risk of decline and develop targeted vaccines.

Lead Chief Investigator: Dr Lee Skerratt

ARC funding: \$120,000 over 3 years

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