

Summary of Linkage Projects Applications for Funding to Commence in 2006

Western Australia

Edith Cowan University

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Approved Project Title **Mitigation of Impacts on Groundwater Dependent Vegetation Through Adaptive Abstraction Regimes.**

2006 : \$50,000

2007 : \$88,000

2008 : \$75,500

2009 : \$37,500

Primary RFCD 3008 ENVIRONMENTAL SCIENCES

APA(I) Award(s): 2

Partner Organisation(s)

Water Corporation

Dept. of Environment

Administering Institution Edith Cowan University

Project Summary

Apart from loss of habitat, biodiversity, ecological function and aesthetics, tree decline and death is a financial burden to land managers. Lost groundwater production from existing borefield infrastructure due to environmental risk also represents a significant economic loss to industry. By adapting borefield operation strategies to be more sympathetic to environmental demands for groundwater, sustainable use of the resource can be maximized under otherwise 'high-risk' scenarios. This project will result in environmental benefits such as reduced impacts of borefields and economic benefits such as recovery of lost production from 'high-risk' borefields, increased viability of planned schemes and reduced customer cost of water services.