

# Summary of Linkage Projects Proposals for Funding to Commence in 2007

## Western Australia

### Murdoch University

**LP0774966** A/Prof RW Bell; Prof RJ Hobbs; Em/Prof AJ McComb

**Approved Project Title** **Balancing Water Quality and Ecosystem Health with Water Yield -- Ecosystem Response to Thinning in Wungong Catchment**

**2007 :** \$ 130,000

**2008 :** \$ 140,000

**2009 :** \$ 110,000

**2010 :** \$ 60,000

**Primary RFCD** 3006 FORESTRY SCIENCES

APA(I) Award(s): 1

#### **Collaborating/Partner Organisation(s)**

WATER COPORATION

**Administering Organisation** Murdoch University

#### **Project Summary**

Reduced rainfall in past decades and future climate uncertainty have added a sense of urgency in Australia to search for new water resources to sustain a growing economy and population. A forest thinning trial is planned in the Wungong Catchment, Western Australia, to substantially increase water yield. Thinning is attractive as a low-cost option, and is potentially suitable for other catchments. However the potential environmental and ecological impacts, which are major community concerns, must be investigated. This project will assess the levels of impact, associated ecosystem responses and the capacity of catchment ecosystems to sustain such management intervention.

**LP0775356** Prof RC Thompson; Dr AJ Lymbery; Dr A Smith; Dr P Clark; Dr PB Spencer; Mr KD Morris; Dr AF Wayne

**Approved Project Title** **The nature, diversity and potential impact of infectious agents in Western Australian threatened mammals.**

**2007 :** \$ 153,118

**2008 :** \$ 145,118

**2009 :** \$ 137,118

**Primary RFCD** 3008 ENVIRONMENTAL SCIENCES

APA(I) Award(s): 1

APDI Dr A Smith

#### **Collaborating/Partner Organisation(s)**

Department of Conservation and Land Management

**Administering Organisation** Murdoch University

#### **Project Summary**

This project will generate new information on parasitic diseases, which will contribute to the management of terrestrial ecosystems by government agencies such as the Western Australian Department of Conservation and Land Management, and private concerns, such as the Australian Wildlife Conservancy. The project will also assist in the formation of appropriate responses to exotic disease incursions, by increasing understanding of the spread of parasitic infections between native, feral and domesticated animal species.