



Two PhD Scholarships - Water Resources Research

Australian Postgraduate Award (Industry) Scholarships

Industry Sponsor

Grampians Wimmera Mallee Water Corporation

Topic

Multi-Objective Planning and Operation of Water Supply Systems Subject to Climate Change

Package

- Annual tax free stipend of \$26,669 for three years (with a possible extension for another 6 months)
- Tuition fee scholarship
- Thesis allowance
- Limited relocation allowance
- Strong post-graduate employment opportunities through industry contacts

Project Summary

Water supply systems are currently undergoing significant modifications in response to climate change. Operators have limited experience with the reconfigured systems and revised water balances, and they require new operating rules. This project aims to develop methods to determine the optimum operating rules of these systems considering climate change and variability, a range of social, economic, environmental and sustainability objectives, and stakeholder preferences on these objectives. These rules will enable planners to manage their water systems more effectively under future short and long term planning conditions, and drought conditions, while reducing environmental impacts and improving sustainability.

Applicants

Applicants should have or should expect to attain a H1/H2A Honours degree in either Civil or Environmental Engineering or Applied Statistics. Graduates with a Masters degree and/or graduates with demonstrated research potential in the above fields are also invited to apply for these scholarships.

Applicants generally should be Australian Citizens or permanent residents. However, academically exceptional overseas students will also be considered.

Further Details

Prospective applicants should contact Professor Chris Perera, Associate Dean (Research and Research Training) of the Faculty of Health, Engineering and Science (phone: (03) 9919 4729; e-mail: Chris.Perera@vu.edu.au), to obtain an information pack regarding the scholarships.

The closing date for Scholarships is Wednesday, 25th November 2009 and successful applicants are expected to start their studies before 31st March 2010.