



Living Laboratories

ICE WaRM presents as part of the

Diverse, safe sources of water that are fit for purpose series of Living Laboratories, a workshop on

Diverse, safe sources of water that are fit for purpose

Background

South Australia will have less water in the future. As a result of governance in the MDBC and reduced rainfall in southern Australia and the Mount Lofty Ranges due to a shift in climate, South Australia's water supplies will decline.

In the past, South Australia has been very reliant on water from the River Murray and from its catchments in the Mount Lofty Ranges. These have been the cheapest and safest water sources available. However, South Australia now needs to explore much more carefully alternative water supply options for both irrigation and urban supplies. Such options include, but are not limited to:

- Aquifer storage and recovery
- Recycling black water for agricultural irrigation
- Recycling stormwater, industrial waste water and grey water in situ
- Desalination of sea water and ground water
- Extracting more water from central Australian groundwater basins, at no cost to ecological systems
- Water trading (buying water from upstream)
- Water Sensitive Urban Design
- Other demand management approaches

This initiative of ICE WaRM, the Water Industry Alliance and DWLBC, provides an opportunity for stakeholders to provide expert advice on South Australia's Water Security.

WHEN: 3, 5, 12 & 14 November 2008

TIME: To be determined for each session

WHERE: Wine Centre (3, 5 & 12 November)
Mecure Grosvenor (14 November)

**These events are by invitation only.
Registration is essential.**

To register or for further information:

Email: dthaw@icewarm.com.au

Phone: 08 8236 5212

Supported by:



Government
of South Australia

Department of Water,
Land and Biodiversity
Conservation



Water Industry
Alliance



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Purpose of the workshop series

To explore what would be required to prove potential new water sources:

- How much could we get?
- How much would it cost?
- What could it be used for?
- Who pays?
- What are the risks and how could they be managed?
- What are our information gaps?
- What are we already doing?
- What could we be doing better?
- How do we get any reform adopted?
- How would we know if we were successful?
- What changes in public behaviour or attitudes would need to happen?

Programme Format

Paul Dalby will prepare a briefing in advance for each workshop, which highlights some of the existing information available and what seem to be the key information gaps or areas of contention that need to be addressed. The document will be available online with online capability for discussion in advance. Audience will then through a process of testing the assumptions and numbers at the workshops.

Workshop Programme

Presentation by Office of Water Security	Current state of knowledge	40 minutes
Paul Dalby	Summary of web-based feedback	20 minutes
Facilitated discussion - Costs and Benefits	Small groups of five	60 minutes
	Report back	30 minutes
Facilitated discussion - Reform and Action Required	Small groups of five	60 minutes
	Report back	30 minutes
Paul Dalby	Summary and review	20 minutes
	Final discussion	30 minutes
Commissioner for Water Security (TBC)	Next steps	10 minutes