



International Centre of Excellence in
Water Resources Management



Achieve Your Research Goals

The International Centre of Excellence in
Water Resources Management

WaterEd Australia Pty Ltd

www.icewarm.com.au



An Australian Government Initiative

The International Centre of Excellence in Water Resources Management (ICE WaRM) provides a national focus and international gateway to Australia's leading education, training and research expertise in water.

ICE WaRM is an initiative of the Australian Government, through the Department of Education, Employment and Workplace Relations (formerly DEST), operating as a partnership between multiple universities, research and training organisations, water management agencies and providers.

The Centre was established in 2004 to draw on this broad partnership and act as a broker for education, training and research in water resources management. As well as national partners and supporters, ICE WaRM is maintaining and extending international networks of collaborators and clients.

Decision-making for sustainable water management needs to be informed by sound research, not only in scientific and technological terms, but also incorporating social, economic/financial, environmental and institutional aspects.

This multi-disciplinary approach is the foundation of all ICE WaRM activities.

ICE WaRM initiatives include support and opportunities for translating current research findings into education and training programmes, for postgraduate award programmes, short courses and professional development for leaders in water management.

ICE WaRM's International Liaison programme provides encouragement and practical support to international visits and exchanges between researchers and their respective institutions.

The ICE WaRM nested Master of Water Resources Management and Professional Development Programmes have been recognised with prestigious awards.

Collaborative research activities facilitated by ICE WaRM are also gaining recognition for participants, partners and supporters.



What we do

ICE WaRM facilitates collaborative water-related research and innovation within and between faculties, universities and other organisations in Australia and internationally.

Through its extensive global networks, ICE WaRM brings together leading water researchers and organisations to develop and accelerate new initiatives which will lead to practical advances in water resources management.

ICE WaRM encourages a broad range of water-related research, as well as coordinating and marketing new equipment and techniques which result from that work.

Currently, ICE WaRM is associated with research covering hydrology; surface and groundwater use and conservation; water storage, rivers and estuaries; and urban and environmental water quality.

The Centre particularly encourages applied research across traditional boundaries between pure, applied and industry-based research, and collaboration between the wider water industry, researchers and experts from diverse backgrounds.

Living Laboratories

ICE WaRM also hosts the Living Laboratories programme, which is supported by the South Australian Department of Water, Land and Biodiversity Conservation (DWLBC).

In this programme, policy makers, water resources professionals, researchers and other experts are brought together to study the impact and implications of major implementation projects.

The Living Laboratories programme provides the research community with an extensive network that creates a laboratory to test, measure and validate theories and hypotheses for water resources management research at full landscape scale.

Using this collaborative model, research results can more easily be woven into the fabric of programme design and used to provide feedback to policy makers. In this way, landscape-scale improvements may be more effectively delivered, monitored and assessed.



The Living Laboratories programme aims to:

- Generate and document innovations and lessons that can be used to better implement large-scale NRM programmes
- Integrate research methods into implementation programmes to allow more meaningful evaluation of the outcomes
- Provide infrastructure for Australia to undertake world-class research.

The regular series of Living Laboratories workshops and discussion groups are designed to share knowledge and increase collaboration between interest groups, thereby enhancing the policy, planning and implementation processes.



How ICE WaRM can help your research

ICE WaRM offers researchers and research organisations the benefits of local, national and international networks and other support programmes to:

- Facilitate collaboration between industry leaders to enhance the credibility of water-related research projects and improve research results
- Connect national and international partners in water-related research
- Offer a formal business framework within which to coordinate and market water-related projects, as well as advance project proposals
- Web-based facilities including podcasting and a collaboration portal.





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ICE WaRM – a broad partnership

ICE WaRM is an Australian Government initiative being implemented by a national consortium of shareholders, supporters and associates. Partnership is a key feature of the Centre, which recognises that the pursuit of excellence in the increasingly important water resources management sector must be a collaborative task.

ICE WaRM shareholders, supporters and associates include Australia's leading education, training and research centres.

Founding Shareholders

- Deakin University
- The Flinders University of South Australia
- The University of Adelaide
- Central Queensland University
- University of South Australia
- Centre for Groundwater Studies
- AITEC Corporate Education and Consulting

South Australian Government Supporters

- Department of Further Education, Employment, Science and Technology (DFEEST)
- TAFE South Australia
- Department of Water, Land and Biodiversity Conservation (DWLBC)
- SA Research and Development Institute (SARDI)
- SA Water Corporation, including the Australian Water Quality Centre

Other Supporters and Associates including

- Water-related research organisations, CSIRO and Cooperative Research Centres (CRCs)
- Charles Sturt University
- Water Industry Alliance
- United Water and international parent Veolia

ICE WaRM is continually growing its list of partners, supporters and associates, both in Australia and internationally. To be involved, contact us.

FURTHER INFORMATION

The International Centre of Excellence in Water Resources Management (ICE WaRM)

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Deakin University - 00113B; Central Queensland University QLD - 00219C, NSW - 01315F, VIC - 01624D.

Photos: WaterEd Australia, University of South Australia, Deakin University, TAFE South Australia.