

## World-Leading expertise

Through its strong partnerships with the International Association of Hydrogeologists, the US National Ground Water Association, the Australian Water Association, key universities, state and federal governments and global corporations, the Centre has the highest calibre of experts, researchers and authorities to conduct research and deliver superior quality training.

We can help you become a world leader in groundwater research, policy and management. Working with the Centre opens the door to the largest global network of groundwater researchers and industry training professionals.



### Our courses include:

#### Australian Groundwater School

Our world-renowned flagship course and the premier course of its type in Australasia.

- Aquifer Pump Testing Analysis
- Australian Groundwater Modelling School
- Environmental Tracers in Groundwater Hydrology
- Field Methods
- Fractured Rock in Hydrogeology
- Getting to Know Groundwater
- Groundwater Essentials
- Groundwater in Mining
- Managed Aquifer Recharge
- PEST Modelling Workshop
- Soil and Groundwater Pollution
- Solute and Reactive Transport
- Understanding Groundwater Law
- Water Well Drilling Design & Construction

### Get in touch...

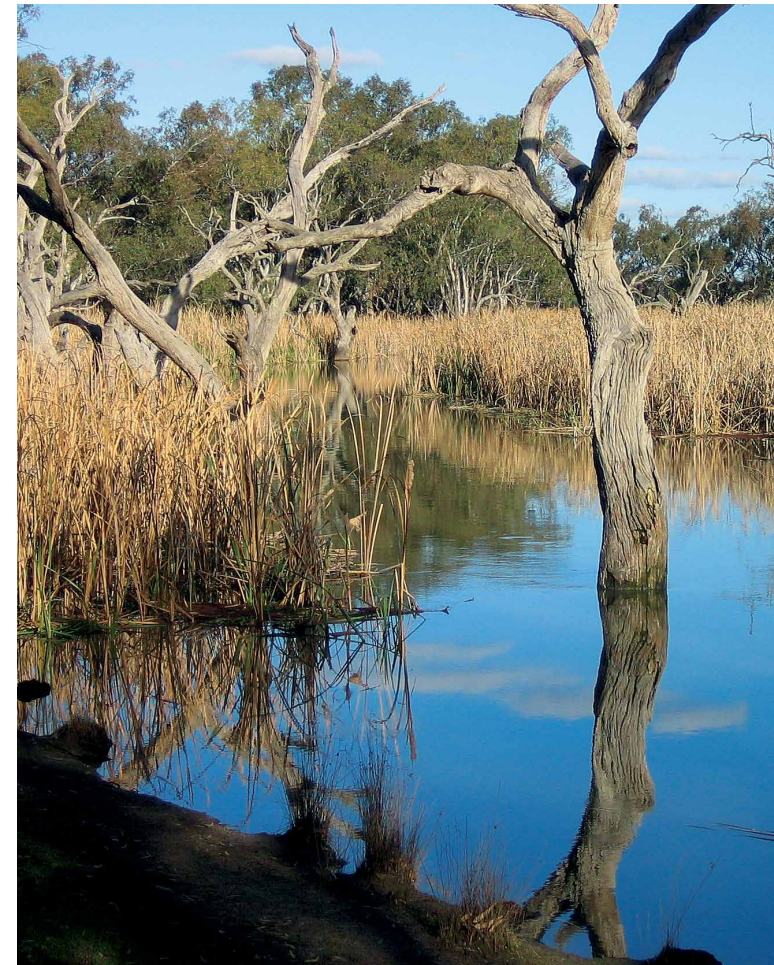
#### National Centre for Groundwater Research and Training

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[www.groundwater.com.au](http://www.groundwater.com.au)



NATIONAL CENTRE FOR  
**GROUNDWATER**  
RESEARCH AND TRAINING





The NCGRT enhances Australia's environmental, economic and social wellbeing by undertaking scientific research and training to improve our understanding of Australia's groundwater systems.

We are committed to delivering high-quality, interdisciplinary research that provides quantifiable results for Australia's scientific, industry and government communities.

Through our linkages with world leading groundwater researchers and their organisations we have built unsurpassed project teams to respond quickly to the most challenging groundwater research priorities.

We are helping to shape national water reform and assisting authorities to make informed decisions to produce sustainable development strategies.



### Our research expertise

Our research network includes over 300 researchers based at over 30 leading hydrological institutions across Australia and around the globe. Having trained 80 postdoctoral fellows, 80 PhD students and 70 Honours students in the past 5 years we are the largest groundwater training institution in the world.

Our expertise covers all of the critical fundamental and applied groundwater research disciplines.

- **Aquifer Characterisation and Measurement**
- **Groundwater flow and solute transport modelling;**
- **Surface water - groundwater interaction;**
- **Groundwater dependent ecosystems**
- **Social, Economic, Legal and Governance issues**
- **Groundwater management**

We are currently directing collaborative interdisciplinary research that addresses some of Australia's most pressing groundwater challenges, including;

- **Understanding** the impacts of mining, unconventional gas and hydraulic fracturing on groundwater resources;
- **Supporting** the successful implementation of the Murray-Darling Basin Plan;
- **Assessing** the potential role that groundwater can play in underpinning the sustainable development of Northern Australia; and
- **Maintaining** Australia's water security with a focus on tackling the challenges associated with urbanisation and climate variability.

### Training from the ground up

The NCGRT has a long-standing reputation as Australia's leading groundwater training provider having trained in excess of 3000 people in the last 5 years. Our courses and seminars deliver solutions to 21st Century groundwater problems, and are presented by world class experts who are actively engaged in cutting edge research in Australia and around the globe.

We offer a variety of innovative training options including classroom, field-based and digital courses that meet current industry skill demands. Our training courses can be customised and delivered in-house, providing a cost effective and high impact approach to your training needs. Contact our team to find out how we can assist you.

Call **08 8201 5632** or  
email [enquiries@groundwater.com.au](mailto:enquiries@groundwater.com.au)



***“As the peak industry body for groundwater, we applaud the NCGRT training program which is training the next generation of groundwater professionals by delivering cutting-edge short courses and seminars.”***

**Dr Richard Evans**, former Australian President International Association of Hydrogeologists