

2012



International Centre of Excellence in
Water Resources Management
ICE WaRM



Climate Change Adaptation

This course examines the threats of extreme weather events, climatic variability and climate change to bio-physical, social, economic and cultural conditions. It demonstrates the tools and techniques that can be used in adapting to climate variability and change, and it also examines the range of governmental, executive and social responses to the affect of climate change on livelihoods and lifestyles at the global, national, regional/provincial and personal level.

Who should attend:

This course is ideal for staff from sectors including:

- Water utilities
- Contractors
- Academia/research

And from roles including:

- Asset managers
- Risk managers
- Project managers
- Planners
- Sustainability and climate change practitioners
- Note - These courses have international professionals attending.

Course Content:

Day 1

- Climate variability, climate change and adaptation processes for water management
- Climate change overview
- Impact of climate change on the water sector
- Conditions, values and assumptions
- Sectoral adaptive responses
- Overview of development and water management issues in the climatically vulnerable coastal zone of the Gold Coast

Day 2

- Dealing with increasing urban run-off and flooding
- Adaptation tools and techniques and scalar responses
- Energy and water
- Water infrastructure and interdependencies
- Industrial ecology, water and climate change adaptation
- Policy and practical responses to adapting to changing climate conditions in general and for the water sector

What's included?

- Presentations by experienced water professionals
- Set of course notes
- Field Visit
- Activities and discussions
- Networking with other industry professionals
- Small group sizes to allow greater interaction
- Catering: Lunch, morning and afternoon teas

2012 Dates and Locations:

- **Gold Coast, Thurs 1 - Fri 2 March**
Mantra Legends Hotel, Surfers Paradise
- **Brisbane, Thurs 9 - Fri 10 August**
Novotel Brisbane, 200 Creek St
- **Adelaide, Mon 26 - Tues 27 November**
Rockford Hotel, 164 Hindley St

Attendees will gain a knowledge of:

- The risks and challenges faced by a range of industry sectors
- The scale and spread of the threats of climate change
- The key concepts and science underpinning causes of climate change adaptation
- Environmentally appropriate tools and techniques used in climate change adaptation
- The range of social and political response to the threats of climate change

Presenters include:



Peter Waterman is Coordinator of Climate Change, Coasts and Catchments at USC since 2001. He is an environmental planner with over 38 years professional experience working for government and private sector. His professional work has encompassed: planning, intergovernmental relations, environmental research, public and environmental health and environmental management. Peter has carried out land use planning and environmental impact and risk assessments throughout Australia and overseas.



Graham Green is a Senior Hydrogeologist with the Dept of Environment, Water & Natural Resources in SA. Graham has worked for the department since 2006 and manages the Groundwater Modelling & Climate Change group. He has worked extensively on surface/groundwater interactions in the GAB, and the modelling of climate change impacts on groundwater recharge throughout SA. Graham graduated from Flinders University in 2002 & completed his PhD in 2010.



Greg Laves is completing his doctoral research at Griffith University on building resilience to changing climatic conditions in the urban and peri-urban water sector. Greg was one of four graduates to receive a Master of Climate Change Adaptation degree at the University of the Sunshine Coast. Greg has expertise in assessing how climate change is likely to impact on a variety of environmental conditions, from physical and biological to social, economic and cultural.



Rohan Hamden is the Director of Sustainability and Industry Partnerships in the Sustainability and Climate Change team of the DEWNR. He is responsible for working with community and industry groups to mitigate greenhouse gas emissions and adapt to the impacts of climate change. Rohan is also responsible for the development of sector agreements with industry and community bodies. Rohan's previous roles were in senior positions in water resources management, land management and emergency management.

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Registration Form

Please complete and email: training@icewarm.com.au or fax: 08 8236 5236

This form constitutes a **Tax Invoice** once payment has been made. **ABN:** 13 112 314 780

2012 COURSE DETAILS

Title: **CLIMATE CHANGE ADAPTATION**

Select course:

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- Brisbane**, Thurs 9 - Fri 10 **August**, Novotel Brisbane, 200 Creek St
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REGISTRATION DETAILS

Title: _____ First Name: _____ Last Name: _____

Position: _____ Organisation: _____

Address: _____

Phone: _____ Emergency phone, next of kin: _____

Email: _____

Dietary needs: _____

PAYMENT DETAILS: \$1,320 includes GST

Discount (1 option only):

- 5% ICE WaRM Industry Affiliates, found at: www.icewarm.com.au/IA,

Organisation name & member number: _____

- 10% ICE WaRM Partners, Partner name: _____

- 15% Full-time students, Institution name: _____

Group discounts are available by contacting us.

Total Payment: \$ _____

1. Electronic Funds Transfer: BSB: 035 006 Account No.: 194 889

Please use as Reference: Surname & 'Climate'

2. Cheque payable to: "WaterEd Australia" GPO Box 860, Adelaide SA 5001

3. Debit: Visa Mastercard

Card number: _____

Expiry date: _____ Cardholder's name: _____

Signature: _____

Tailored ICE WaRM Short Courses enable:

- On-site delivery
- Significantly lower fees
- Convenient time & location
- Training whole team in one go

Contact Joel

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THE FINE PRINT

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