



## SHORT COURSES

ICE WaRM in conjunction with its partners offers short courses in Water Resources Management. These courses are delivered by presenters recognised for their subject matter expertise.

### AUSTRALIAN WATER INDUSTRY ESSENTIALS

2 DAYS

This course is offered in conjunction with the Australian Water Association (AWA) and covers water management in Australia. The course provides participants with an overview of the current technical, economic, environmental, legislative and social issues associated with the Australian water scene.

### HYDRAULICS AND HYDROLOGY FOR NON-ENGINEERS

2 DAYS

This two-day workshop will introduce the basic principles of hydraulics and hydrology to practitioners who do not have formal training in water engineering.

### PLANNING OF INTEGRATED WATER SYSTEMS

2 DAYS

WaterCress is a water balance model for designing and testing trial layouts of water systems which can access multiple sources of water. This course gives participants an opportunity to learn how to use the WaterCress software from the co-developers of the model.

### RIVER AND FLOODPLAIN MODELLING

2 DAYS

This course teaches the theory of computational methods, data input and guides participants through practical exercises using HEC-RAS software.

### DESIGN OF ON-SITE DETENTION SYSTEMS

1 DAY

The first step to an efficient system starts at its design. This course introduces participants to on-site stormwater detention systems, advises on the policies, guidelines and design procedures involved and looks at water quality aspects, as well as social and environmental impacts of OSD systems.

### WATER TRADING: AN INTRODUCTION TO WATER MARKETS

2 DAYS

With the high demand for water in today's society, water trading is becoming a valuable skill to learn. This course introduces the policy underpinning water trading.

### Stay tuned for more courses on the following topics:

- Water Quality Modelling
- Water Quality Management
- Wastewater Reclamation and Reuse
- Design of Flood and Drainage Systems
- Advanced Water Quality and Wastewater Management
- Global Water Systems
- Water Resources and Society
- Water Resources Planning and Management

#### Further information

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SHORT COURSES



Expression of Interest (Please return to ICE WaRM)

COURSE NAME

- |                                                                              |                                                                           |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <input type="checkbox"/> Australian Water Industry Essentials                | <input type="checkbox"/> Water Quality Management                         |
| <input type="checkbox"/> Planning of Integrated Water Systems                | <input type="checkbox"/> Water Quality Modelling                          |
| <input type="checkbox"/> Hydraulics and Hydrology for Non-Engineers          | <input type="checkbox"/> Design of Flood and Drainage Systems             |
| <input type="checkbox"/> River and Floodplain Modelling                      | <input type="checkbox"/> Advanced Water Quality and Wastewater Management |
| <input type="checkbox"/> River Survey Techniques for Flood Modelling Studies | <input type="checkbox"/> Wastewater Reclamation and Reuse                 |
| <input type="checkbox"/> Siphonic Roof Drainage Design                       | <input type="checkbox"/> Global Water Systems                             |
| <input type="checkbox"/> Water Trading: Principles of Water Markets          | <input type="checkbox"/> Water Resources Planning and Management          |
| <input type="checkbox"/> Design of Onsite Detention Systems                  | <input type="checkbox"/> Water Resources and Society                      |

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Please do not send me ICE WaRM short course updates and associated information

