

Quality and quantity modelling for catchment management



Training

Source Catchments is a water quality and quantity modelling software that supports decision-making and a whole-of-catchment management approach. It allows you to model the amounts of water and contaminants flowing through a catchment and into major rivers, wetlands, lakes, or estuaries.

This training is aimed at professionals (engineering and environmental) in local government, consultancies and waterway and catchment management agencies.

eWater offers its Introduction to catchment modelling and Intermediate catchment modelling courses in either face-to-face or online formats.

Introduction to catchment modelling (1 day)

This course is available face-to-face or online.

Workshop Outline

You will learn about the conceptual structure of Source Catchments, its capabilities and applications. Learn how your catchment models and simulation of real scenarios can assist in assessing impacts of catchment management on water quantity and quality outcomes.

Why you should attend

- Understand the structure, capabilities and limitations of Source Catchments
- Address catchment issues by building and running simple models
- Understand basic calibration and data requirements
- Introduction to best practice modelling principles
- An opportunity to learn from leading catchment practitioners
- Network with other catchment managers, trade ideas and contact details.

INTRODUCTION TO CATCHMENT MODELLING COURSE COST: \$595 (incl. GST)

ONLINE:

Catchment modelling using Source Catchments training is now available as an online course.

Online courses are facilitated by experienced trainers and have set start and finish dates. The course modules can be done at your own pace within these dates, taking about 8hrs (introduction) to 16hrs (intermediate) to complete.

COURSE DATES AND REGISTRATION:

To find out more and secure your position in any course please contact:

James Robinson / Tamara Posch
T: 1300 5 WATER (1300 592 837)
E: training@ewater.com.au

Or visit the eWater website:
www.ewater.com.au/training

Registration is confirmed on payment.
Places are limited.

Training

Intermediate catchment modelling (2 days)

Intermediate level training is for users who have a good understanding of catchment modelling concepts and have completed our Introduction to catchment modelling training course.

This course is available face-to-face or online.

Workshop Outline

Learn how to construct catchment models and run simulations for a range of real scenarios. See how this assists in assessing the impacts of catchment management practices on water quantity and quality outcomes.

This training builds on the skills and knowledge gained through completing the Introduction to catchment modelling using Source Catchments course.

Why you should attend

- Address more complex problems with more elaborate modelling scenarios
- Build on your calibration and data requirement knowledge
- Complete parameter sensitivity and analysis tasks
- An opportunity to learn from leading catchment practitioners
- Network with other catchment managers, trade ideas and contact details.

Prerequisites for Intermediate

- Understanding of hydrologic and water quality processes, preferably within a catchment context.
- Completion of the Introduction to Catchment Modelling using Source Catchments training (face-to-face, or online).

**INTERMEDIATE
CATCHMENT MODELLING
COURSE COST: \$1190 (incl. GST)**

WHAT'S INCLUDED FOR FACE-TO-FACE:

- Training materials
- Lunch, morning and afternoon teas
- Use of computer and Source Catchments software during the course

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Software now available

Download a fully functional version of Source Catchments from www.ewater.com.au with the first 12 months licence fee waived.

Want to know more?

Go to our website at www.ewater.com.au/sourcecatchments

Photos: Andrew Sikorski; Cameron Dougall
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