

MUSIC Fundamentals: Stormwater modelling for water sensitive urban design



Training

MUSIC (Model for Urban Stormwater Improvement Conceptualisation) software simulates real-time Water Sensitive Urban Design (WSUD), helping you to visualise and assess the effectiveness of stormwater hydrology and pollution management options.

MUSIC supports decision processes by allowing you to demonstrate the performance of proposed stormwater quality treatment systems.

Our courses have been specifically tailored to the needs of engineering and environmental professionals with an understanding of hydrological and water quality processes, preferably within an urban context.

This two-day workshop will increase your MUSIC skills and improve your WSUD knowledge.

Workshop outline

Day One

Participants will apply the MUSIC software and understand the theory and assumptions behind the model. Also learn how to simulate and evaluate the performance of stormwater treatment measures, either singly or in a treatment train.

Day Two

Building on day one's learnings, participants gain a greater understanding of the theory behind MUSIC and its application to successfully model stormwater treatment. Practice using MUSIC with series of stormwater treatment scenarios and develop a model for a real urban development.

The topics are tailored to the learning requirements of attendees, and typically include highly interactive discussions.

Water Sensitive Urban Design (WSUD) is discussed throughout the workshop. Real WSUD example projects are described and discussed, as well as recommended procedures for the planning and design of the most appropriate WSUD strategies for site conditions and constraints.

COURSE DATES, LOCATIONS AND REGISTRATION

To find out more about upcoming courses and to secure your place:

www.ewater.org.au/music-training

T: 1300 5 WATER (1300 592 837)

E: training@ewater.org.au

Registration is confirmed on payment. Places are limited.

RELATED COURSES

- Refresher course
- MUSIC for local government
- Customised course

Who should attend

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

This workshop is appropriate for those who have had limited experience with MUSIC software.

Why you should attend

- Learn how simulating the performance of stormwater quality improvement measures can help in urban water management
- Determine whether proposed systems can meet specified water quality guidelines and objectives
- Save time in developing the best design for your site
- Learn more efficient ways to create your models
- Techniques for designing your treatment train
- Time saving tips and tricks
- An opportunity to learn technical expertise from a leading WSUD practitioner
- Network with other stormwater specialists, trade ideas and contact details
- Put yourself at the forefront of the stormwater industry marketplace.

WHAT'S INCLUDED:

- Training materials containing: user manual (online and downloadable), presentation notes and worked examples
- Lunch, morning and afternoon teas
- Use of MUSIC software for the duration of the course (USB dongle), please bring your laptop.

TRY MUSIC FOR YOURSELF

A free 21-day trial version of MUSIC is available for download. Visit www.ewater.org.au/music

Want to know more?

www.ewater.org.au/music-training



Benefits of MUSIC training:

- Save time with efficient modelling and assessment of urban water management options
- Learn technical expertise from a leading WSUD practitioner
- See how to determine quantity and quality of runoff from catchments and the effect of treatment facilities
- Network with other specialists and share ideas
- Update your skills with latest stormwater industry know-how.