Advanced Flood Modeller
Online

Key benefits

- Formal training fast-tracks your learning and understanding of Flood Modeller.
- Comprehensive notes, practicals and other materials are provided.
- Delivered by expert modellers who support the development of the software.
- Run online using industry-standard tools - removes the need for travel.
- Approved by CIWEM - attendance contributes toward your CPD.
- Limited to 8 individuals, maximising the learning experience.
- Access to Flood Modeller for one month (worth £300).
- Post-course support is provided for two weeks.

Course description

Attend our two-day online training course to gain an overview of the advanced modelling techniques available within Flood Modeller. It is aimed at those involved in the development and review of hydraulic models and focuses primarily on model diagnostics and debugging, advanced structures and Flood Modeller automation tools.

Delivered by an expert modeller, the training course consists of a combination of presentations, worked examples, and practical exercises, split into two-hour sessions. As part of the course package, attendees will be provided with all the datasets and materials, alongside two-weeks training support following the course, during which time you can email our support team with any queries related to the materials.

Each day of the course consists of a morning and afternoon session, delivered virtually using industry standard tools.

The course is limited to 8 attendees which ensures our dedicated team of experts are on hand to give you the support and guidance you need.

In order to undertake the training, you will be provided with a one month Flood Modeller licence worth £300. This will allow you to complete our 'Getting Started' guides before the course begins and to continue using the software for two weeks after the course.

Learning objectives

By the end of the course, you will have an appreciation for several initialisation and runtime errors that can occur when using Flood Modeller and understand how to fix these. You will learn how to use a number of review tools within Flood Modeller to identify problematic areas of your model and how these can be improved upon. You will also gain experience using the latest automation tools and obtain detailed insight into the use of structures.

Flood Modeller
by **Jacobs**

Course tutors

Cristina Agafon-Danila, Modeller and Hydrologist
Cristina has successfully delivered a wide range of hydraulic modelling and hydrological related projects. She has also been part of the Flood Modeller client services team for a number of years, providing technical support and training courses.

Adam Parkes, Senior Modeller and Hydrologist
Adam has developed and delivered a large number of technical training courses both internally and externally. Training courses have included Flood Modeller 1D, Flood Modeller 2D, TUFLOW, Hydrology and a number of bespoke training courses.

Konrad Adams, Senior Developer and Forecasting Specialist
Konrad has been the primary trainer for the Introduction to Flood Modeller training course since 2015, delivering at least five courses per year, including variations, such as Flood Modeller 1D, Flood Modeller 2D, Flood Modeller for Flood Forecasting, and the Flood Modeller Advanced workshops.

Course structure
You will cover a range of topics through the training, including:

- 1D numerics
- Advanced parameters
- Model diagnostics and tools
- Model instabilities
- Initialisation errors
- Runtime errors
- Advanced structures
- Automation tools
- Diagnostic tools

Course pre-requisites
The course assumes a good understanding of 1D modelling as well as Flood Modeller's user interface. It is aimed at users who already understand and use the software on a regular basis, but want to further their knowledge.

Additional information
Prior to the training, you will receive a detailed document which provides all of the information you need to know to undertake the course, including the agenda, links to the various resources, and details on how to access Flood Modeller.

The training course consists of four sessions, with each session being delivered across a two-hour period. Two sessions are delivered each day with the first session in the morning followed by a second session in the afternoon.

This course is approved by the Chartered Institution of Water and Environmental Management and attendance will contribute toward your continuing professional development (CPD).

Contact us   sales@floodmodeller.com
www.floodmodeller.com

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