FEFLOW
Advanced groundwater modelling

This two-day, hands-on course aims at providing you with the skills for advanced modelling topics. Depending on the needs of the group of participants, a selection of the below topics is offered.

FEFLOW is widely recognised as a comprehensive software package for subsurface flow and transport simulation. FEFLOW's unique mesh capabilities (structured and unstructured) allows you the highest degree of flexibility to account in detail from the most simple to complex geometrical configurations. The software is used by leading research institutes, universities, consulting firms and government organisations all over the world.

FEFLOW's scope of application ranges from simple local-scale to complex large-scale modelling. Application areas include water management, mine water, saltwater intrusion, geothermal energy, and variably saturated media.

COURSE TOPICS

- Unsaturated-flow modelling
- Density-dependent flow modelling
- Heat transport modelling, geothermal energy systems and closed/open systems
- Fractures, discrete features and dual-node connectors
- Multi-component transport and chemical reactions
- Introduction to the FEFLOW programming and Python scripting
- Introduction to automatic model calibration with FePEST
- Hands-on exercises

TARGET GROUP AND PREREQUISITES

Groundwater professionals working in consulting companies, public authorities, university and research institutions. You must be acquainted with the basic functionalities of the latest FEFLOW version prior to this course, either through experience or through participation in the FEFLOW course 'Introduction to groundwater modelling'.

THE ACADEMY BY DHI

THE ACADEMY offers a palette of courses and capacity building packages designed to fit your needs and challenges. We offer standard and/or tailored training - face-2-face as well as online.

MIKE Powered by DHI courses focus on practical skills, hands-on exercises and teaching you how to get the most out of your software. These courses also enable you to understand the power of the MIKE tools for building decision support systems.

Thematic courses allow you to apply concepts, applications and decision support principles to the entire business process within current areas: aquaculture and agriculture, energy, climate change, flooding, coast and marine, surface and groundwater, urban water, industry, environment and ecosystems, product safety and environmental risk, etc.

Our trainers are experienced professionals, many of whom are recognised international experts in their fields. The use of highly skilled trainers guarantees the quality of THE ACADEMY courses.

LEARN MORE AND CONTACT US

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