

Course Schedule 2012

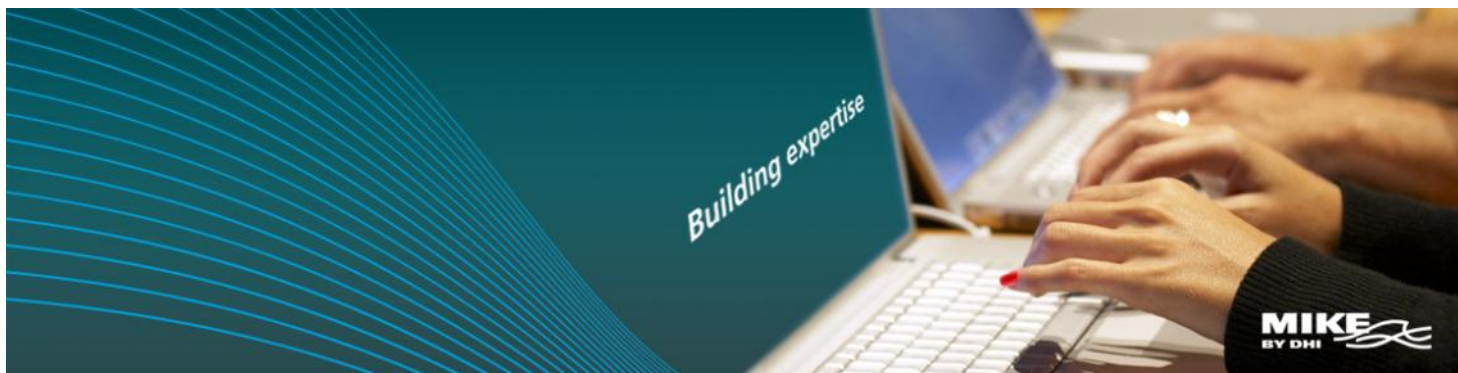
United Arab Emirates



We help build your expertise

Cities
Flooding
Coast & sea
Water resources
Groundwater & porous media

MIKE
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COURSE SCHEDULE 2012

United Arab Emirates

	Product	Title	Dates	Location
CITIES	MIKE URBAN CS (2 days)	Introduction to modelling of collection systems (using MOUSE)	October 7-8	Dubai
	MIKE URBAN WD (2 days)	Introduction to modelling of water distribution systems	October 9-10	Dubai
COAST & SEA	MIKE 21 & MIKE 3 FLOW MODEL FM (1 day)	Hydrodynamic modelling using flexible mesh	April 16	Dubai
	MIKE 21 SW (1 day)	Spectral wave modelling	April 17	Dubai
	MIKE 21 ST FM (1 day)	Sand transport using Flexible Mesh	April 18	Dubai
GROUNDWATER & POROUS MEDIA	FEFLOW (3 days)	Introduction to groundwater modelling	Upon request	N/A
WATER RESOUR.	MIKE SHE (3 days)	Integrated catchment modelling	Upon request	N/A
FLOODING	MIKE FLOOD (<i>Urban</i>) (2 days)	Integrated 1D and 2D urban flood modelling	Upon request	N/A

Can you think of any better investment than increasing your professional skills?

Whether you are a manager, an expert modeller or an experienced coastal, urban or water resources engineer, our MIKE by DHI Software courses can help you enhance your skills and make better decisions.



COURSE DESCRIPTIONS

CITIES	<p>MIKE URBAN CS Introduction to modelling of collection systems (MOUSE engine)</p> <p>Dates & place Oct 7 - 8, Dubai, U.A.E.</p>	<p>This two-day, hands-on course provides a practical introduction to hydraulic modelling of wastewater and urban drainage networks. You will learn how to set up and run MIKE URBAN CS and turn model outputs into professional presentation material. The course aims at enabling you to perform the basic functions of MIKE URBAN CS.</p>	<ul style="list-style-type: none"> • Project setup, including units, coordinate system • Data organisation, import/export of external data • Numerical and graphical editing and quality control • Dynamic simulation of rainfall/runoff and pipe flow • Result analysis and visualisation
	<p>MIKE URBAN WD Introduction to modelling of water distribution systems</p> <p>Dates & place Oct 9 - 10, Dubai, U.A.E.</p>	<p>This two-day, hands-on course provides a practical introduction to modelling of hydraulics and water quality in water distribution systems. You will learn how to set up and run MIKE URBAN WD and turn model outputs into professional presentation material. The course aims at enabling the participants to perform the basic functions of MIKE URBAN WD.</p>	<ul style="list-style-type: none"> • Project setup, including units, coordinate system • Data organisation, import/export of external data • Numerical and graphical editing and quality control • Simulation of hydraulics and water quality • Result analysis and visualisation
COAST AND SEA	<p>MIKE 21 & MIKE 3 FLOW MODEL FM Hydrodynamic modelling using flexible mesh</p> <p>Dates & place April 16, Dubai, U.A.E.</p>	<p>This one-day, hands-on course provides a practical introduction to the basics of flow modelling and how to get started with 2D and 3D models. The course aims at enabling you to set up and run flow simulations with MIKE 21 and MIKE 3 FLOW MODEL FM with the advanced data preparation and editing facilities and to turn model outputs into professional presentation material.</p>	<ul style="list-style-type: none"> • Selection of geographical coordinate system and bathymetry digitisation (mesh) • Data import, editing and quality control • Fundamentals of 2D and 3D flow modelling • Setting up simple hydrodynamic models • Managing boundary conditions • Calibration and validation procedures
	<p>MIKE 21 SW Spectral wave modelling</p> <p>Dates & place April 17, Dubai, U.A.E.</p>	<p>This one-day, hands-on-day course provides a practical introduction to wave modelling using the MIKE 21 Spectral Wave model. The course will help you predict and analyse wave climates in offshore and coastal areas.</p>	<ul style="list-style-type: none"> • Application of MIKE 21 SW • How to set up models based on flexible mesh (unstructured grid) • Decision of spectral formulation • Calibration techniques and model validation • Interpretation of results
	<p>MIKE 21 ST FM Sand transport using Flexible Mesh</p> <p>Dates & place April 18, Dubai, U.A.E.</p>	<p>This one-day, hands-on course provides a practical introduction to sand transport modelling and the modelling of morphological changes. The course aims at enabling you to set up and run sand transport modelling simulations using the MIKE 21 Sand Transport FM model in a coupled setup with flow and wave models.</p>	<ul style="list-style-type: none"> • Fundamentals of sand transport modelling • Application of MIKE 21 ST FM • Setting up wave and flow conditions • Specifying sand properties • Calculating sand transport • Hands-on exercises
GROUNDWATER & POROUS MEDIA	<p>FEFLOW Advanced groundwater modelling</p> <p><i>Upon request</i></p>	<p>This two-day, hands-on course aims at providing you with the skills for advanced modelling with FEFLOW. More topics can be provided upon request.</p>	<ul style="list-style-type: none"> • Advanced flow modelling: unsaturated, density and fracture flow • Advanced transport modelling: heat transport (geothermics), multi-components, chemical reactions • IFM programming • More topics available upon request
WATER RESOURCES	<p>MIKE SHE Integrated catchment modelling</p> <p><i>Upon request</i></p>	<p>MIKE SHE is being used in real projects around the world to solve engineering problems across the full hydrologic spectrum - from detailed wetland studies to basin-wide water resource management studies to real-time flood forecasting. In this three-day, hands-on course you will learn about the processes and linkages in integrated catchment modelling using MIKE SHE.</p>	<ul style="list-style-type: none"> • Channel flow • Overland flow and infiltration • Unsaturated/saturated groundwater flow • Hydrological coupling • Calibration of integrated models • Integrated water budgets • Integrated water quality modelling
FLOODING	<p>MIKE FLOOD (Urban) Integrated 1D and 2D urban flood modelling</p> <p><i>Upon request</i></p>	<p>In this two-day, hands-on course you will learn how to develop a 2D overland flow model by coupling of the 1D urban drainage model (MIKE URBAN) and 2D overland flow model (MIKE 21) to simulate the fully integrated flow dynamics between sewage/storm water systems and surface areas.</p>	<ul style="list-style-type: none"> • Building urban bathymetries • Coupling MIKE URBAN CS and MIKE 21 • Coupling 1D and 2D models with MIKE URBAN 2D Overland Flow feature • Using GIS for model preparation and results



DHI believes that the best way to ensure the success of our products is to ensure the success of our clients! One of the ways we do this is through our training courses.

Our courses are held by our offices and technical support services worldwide. In your language and in your region!

All our trainers are certified by DHI.

Our participants represent governmental agencies, regional and local water bodies, research institutions and universities, professional bodies and engineering companies, urban water utilities, coastal and harbour authorities.

Our course topics cover the areas of water resources, coasts and seas, cities, flooding and groundwater. Should the training course of your interest not be on the list, please feel free to contact us so that we can arrange for future courses or do a one-to-one course at your office.

Our short standard courses are designed to introduce you to the application of our various products and modules. Relevant participants for these courses include both new and potential users as well as current users who need an update to our products in a guided way. Our short courses are modular and allow you to build your expertise so as to match the requirements of your job.

Our tailored courses within client organizations range from short, dedicated courses in selected topics to longer courses, in which you - with support from relevant DHI experts - are guided through practical applications using your own data.

Courses can take place at your premises or at your closest DHI office.



Venue and location

Our courses are held either at the DHI Office or easily accessible hotels. **Participants are requested to bring their own laptops.**

Language

All courses are held in English. All training material is provided in English.

Our standard course prices

1 day: \$ 750

2 days: \$ 1,100

3 days: \$ 1,450

5 days: \$ 1,850

(consecutive days only)

All prices are exclusive of tax.

Course fees include training material, training certificates, refreshments and a complementary 30-day trial license.

Discounts

10% with a valid Service Maintenance Agreement (SMA)

15% for the 2nd and subsequent participants from the same organization.

Registration

A minimum of 8 attendees is required for courses to proceed.

Deadline for registration

One month before commencement of course. DHI reserves the right to reschedule training courses up to one month prior to the scheduled dates. Cancellations of registration by attendee 14 days —8 days prior to course start date are 50% non-refundable and cancellations 7 days or less prior to course start date are 100% non-refundable.

Further information

Consult our global Course Calendar. It always tells you when, where and which MIKE courses are offered worldwide:

www.mikebydhi.com/training/globalcoursecalendar

Detailed course descriptions, fees and registration forms

Please contact:

Annabel De Jesus

MIKE by DHI Customer Care, Dubai

agj@dhigroup.com

Tel: +971 4 5015611

DHI Middle East

B-Wing 308, Dubai Silicon Oasis HQ Bldg.

P.O. Box 341025

Dubai, U.A.E.

Tel: +971 4 5015611

Fax: +971 4 5015614

Email: mra@dhigroup.com

www.mikebydhi.com

www.dhigroup.com

