



MIKE URBAN COLLECTION SYSTEMS

Introduction to the modelling of collection systems

This two-day, hands-on course gives you an introduction to data management and numerical modelling (MIKE 1D) of urban collection system networks (separate and combined). The aim is to enable you to set up and run basic collection system models and to analyse and present the simulation results.

MIKE URBAN COLLECTION SYSTEMS (MU CS) is a GIS-based software system that provides a complete working environment for the analysis, management and operation of storm water drainage and waste water systems in separate and combined systems.

MIKE URBAN covers modelling of surface runoff, flows, water quality and sediment transport. The software is the urban water modelling software of choice when the important parameters for model selection are stability, work flow, openness, flexibility, GIS integration and physical soundness.

COURSE TOPICS

- Overview of MIKE URBAN and the project concept
- GIS functionalities: Selection, layers, symbology, labelling, etc.
- Model data requirements and model building principles
- Manual and graphic data input and editing options
- Essentials of data import/export functionality
- Tools for facilitating the modelling process
- Surface runoff methods
- Time series and boundary conditions
- Running runoff and hydrodynamic simulations
- Presenting and analysing results
- Hands-on exercises

TARGET GROUP AND PREREQUISITES

Professionals who are interested in obtaining a general understanding of the MIKE URBAN CS modelling system and in setting up and run simple urban collection models. This course or corresponding knowledge is required in order to participate in the courses 'MIKE FLOOD - 1D and 2D urban flood modelling', 'MIKE FLOOD - Integrated pipes, channels and surface modelling', 'MIKE URBAN CS - Long term statistics (LTS) modelling of collection systems', and 'MIKE URBAN CS - Real Time Control (RTC) modelling of collection systems', 'MODELLING OF STORM WATER FOR GREEN CITIES - Methods and structures' and 'MIKE URBAN WATER QUALITY - Introduction to the modelling of water quality in collection systems'.

DATE AND TIME

26 - 27 Feb 2019. Courses start at 09:00 and finish at 16:30.

LOCATION AND VENUE

Vision Exchange, 2 Venture Drive, Singapore 608526

FEES AND DISCOUNTS

Standard price: SGD 1,143 + GST

Discounts:

- 10% with valid Service Maintenance Agreement on MIKE Powered by DHI product; or
- 25% for 3rd and subsequent participants from same organisation

THIS IS INCLUDED

- Training material
- Lunch and refreshments
- Training Certificate
- Laptop rental

LANGUAGE

Lectures and training material are in English.

REGISTRATION AND CONTACT

Deadline for registration is 3 weeks before course start. A minimum of trainees is required for the course to proceed. DHI reserves the right to reschedule the training course up to 3 weeks prior to the course date scheduled.

Client Success

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RELATED COURSES

- MIKE URBAN COLLECTION SYSTEMS - Long term statistics (LTS) modelling of collection systems
- MIKE URBAN COLLECTION SYSTEMS - Real Time Control (RTC) modelling of collection systems
- MIKE URBAN WATER QUALITY - Introduction to the modelling of water quality in collection systems
- MIKE URBAN WATER DISTRIBUTION - Introduction to the modelling of water distribution systems
- MIKE FLOOD (Urban) - 1D and 2D urban flood modelling
- MIKE FLOOD (3-way) - Integrated pipes, channels and surface modelling
- MODELLING OF STORM WATER FOR GREEN CITIES - Methods and structures



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INSTRUCTOR

TAN KOK MENG

Kok Meng joined DHI Water & Environment (S) Pte Ltd in Jun 2014 as a Senior Water Resources Engineer under Modelling and Hydroinformatics Department in DHI. Kok Meng's main responsibilities included areas ranging from flood modelling, flood forecasting and water quality modeling.

MSc, Instrumentation, University of Manchester, UK



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 about THE ACADEMY on www.theacademybydhi.com

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