

URB-05 Urban floods

- Objective:** The participants will achieve an update regarding contemporary technology for urban flood management
- Contents:**
- Overview of urban flood management
 - Urban flood modelling: Hindcast and real-time applications for risk assesment, impact prediction and operational control
 - Sensitivities and uncertainties
 - Quantification of flood risk and flood exposure
 - Urban flooding & climate change
 - A look into the future
- Who should attend:** Engineers and technical specialists from the public and private sector with a need of an introduction to the subject
- Courseware:** Selected slides and background documents as handouts and/or electronic files
- Certification:** Attendance certificate (subject to 80 percent attendance)
- Duration:** 2 lessons (2 hours each) *or* one half day (4 hours)
- Schedule:** Lesson 1: Tuesday 20 January 2009 4pm - 6pm
Lesson 2: Thursday 22 January 2008 4pm - 6pm
- Costs:** \$ 300 per participant (inclusive of GST)
A discount of 20 percent applies to 3 or more participants from the same organization in the same course
- Instructors:** Ole Larsen, Director of the DHI-NTU Water & Environment Research Centre and Education Hub, MSc from the Royal Veterinary and Agricultural University (Denmark) and PhD from Technical University of Denmark, with a theoretical background covering geochemistry, hydrology and hydraulics. Practical experience from more than 40 development and consultancy projects within water management and hydraulic engineering, as well as related information technology and decision-support
- Lars Christian Larsen (DHI Singapore), data management specialist, working with hydrometrics and hydroinformatics, software architecture, information systems design, network technology and data transmission, and GIS applications, with international experience from development, commissioning and operation of real-time monitoring systems for urban water management, flood forecasting, and offshore engineering
- Enquiries and registration:** DHI Water & Environment, tel. 6777 6330, e-mail: info@dhi-ntu.com.sg