

URB-14 Urban stormwater quality - monitoring and modelling

- Objective:** The participants will acquire an understanding of the principles and methodologies of urban stormwater quality monitoring and modelling
- Contents:**
- Introduction to urban stormwater
 - Stormwater quality characterization
 - Stormwater quality monitoring: Concepts, data analysis
 - Urban sediment discharge and modelling sediment discharge from urbanised areas
 - Modelling concepts: Build-up and washoff functions; event mean concentrations; loadings
- Who should attend:** Engineers and technical specialists from the public and private sector with good prior understanding of urban hydrology and stormwater drainage
- Courseware:** Selected slides and background documents as handouts and/or electronic files
- Certification:** Attendance certificate (subject to 80 percent attendance)
- Duration:** 3 lessons (2 hours each) plus some homework
- Schedule:** Lesson 1: Tuesday 18 November 2008 4-6pm
Lesson 2: Thursday 20 November 2008 4-6pm
Lesson 3: Tuesday 25 November 2008 4-6pm
- Costs:** \$ 400 per participant (inclusive of GST)
A discount of 20 percent applies to 3 or more participants from the same organization in the same course
- Instructor:** Chua Hock Chye Lloyd, Assistant Professor at NTU's School of Civil and Environmental Engineering and Deputy Director, Environmental Engineering Research Centre, with previous employment at Brandenburg Technical University and Technical University of Denmark. Current research interests cover urban hydrology, erosion and sediment transport, rainfall-runoff modelling, and data-driven hydrologic modelling
- Enquiries and registration:** DHI Water & Environment, tel. 6777 6330, e-mail: info@dhi-ntu.com.sg