

COAST-03 Calibration of hydraulic models

- Objective:** The participants will learn about the principles of model calibration, assessment of the performance of a hydraulic model in relation to its intended use, and the related documentation and reporting
- While the substance is general, the course will be based on MIKE software
- Contents:**
- Overview of hydraulic modelling; scoping and targeted model set-up; model performance requirements and criteria
 - Data, data characteristics and data quality - origin, coverage, validity, accuracy, time & space resolution
 - Calibration and validation; purpose and approach; parameters and sensitivity
 - Documentation and reporting
- Who should attend:** Planners, engineers and technical specialists from the public and private sector with an interest in hydraulic modelling and some related basic knowledge
- Courseware:** Selected slides and background documents as handouts and/or electronic files
- Certification:** Attendance certificate (subject to 80 percent attendance)
- Duration:** 2 lessons (4 hours each)
- Schedule:** (Please enquire)
- Costs:** \$ 500 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:** Thomas Uhrenholdt (DHI Singapore), coastal environment specialist, is educated as a civil engineer (MSc). He has worked extensively with advanced 2- and 3-dimensional modelling of hydrodynamics, sediment transport and water quality processes, in coastal as well as offshore areas, for hydraulic or environmental design, practical baseline and impact studies, routine monitoring and decision support
- Enquiries and registration:** DHI Water & Environment, tel. 6777 6330, e-mail: info@dhi-ntu.com.sg