

DATA-02 Survey techniques: Sediment transport and water quality

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| Objective: | The participants will achieve a general overview of techniques available for different types of hydraulic surveys |
| Contents: | <ul style="list-style-type: none">• Overview and examples of typical surveys: Waves; currents; suspended and bed sediments; bed load; sediment flux; water quality• Survey approvals; marine safety• Survey scoping and planning: Parameters, time and space coverage• Instrumentation for data collection and positioning: Characteristics, performance, data quality assurance, practicalities, costs• Calibration• Data flows and online processing |
| Who should attend: | Planners, 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) |
| Schedule: | (Please enquire) |
| Costs: | \$ 300 per participant (inclusive of GST) <i>A discount of 20 percent applies to 3 or more participants from the same organization in the same course</i> |
| Instructors: | <p>Clint Marsillius Tiwol (DHI Singapore), marine surveyor, educated as a marine biologist (MSc) and as a certified professional diver, employed at DHI since 1999, presently serving as head of Field Monitoring Services. Experience from surveys in Abu Dhabi, Indonesia, Malaysia and Singapore, of flow, sediments, water quality and ecology, using a variety of positioning, measurement and data transmission technologies</p> <p>Tom Foster (Director of DHI Singapore), river and coastal engineer, MSc. Comprehensive experience covering integrated coastal zone management (ICZM) and integrated impact assessment (currents, navigation, morphology, water quality and ecology), as well as environmental monitoring and management of large coastal projects such as reclamation and dredging; ports development, and coast conservation</p> |
| Enquiries and registration: | DHI Water & Environment, tel. 6777 6330, e-mail: info@dhi-ntu.com.sg |