

COAST-01 Coastal flows and mass budgets

- Objective:** The participants will achieve an introduction to coastal flows and transport of solutes
- Contents:**
- The physics: Wind, currents, tidal streams; salinity, density
 - Mixing, dispersion, entrainment
 - Overview of analytical and numerical methods
 - Mass budgets for solutes; dilution, accumulation; decay, settling, bioaccumulation in the water column and at the seabed
 - Surface drift; littoral drift; flow around intakes and outfalls
- 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:** 3 lessons (2 hours each)
- 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
- Enquiries and registration:** Ms Theresa Tan, DHI Water & Environment, tel. 6777 6330, e-mail: info@dhi-ntu.com.sg