

## W-07 Aquatic chemistry

**Objective:** The participants will achieve a basic knowledge about chemical principles governing aquatic systems. They will be able to apply the basic concepts of aquatic chemistry to both natural and engineered systems

**Contents:**

- Overview of aquatic chemistry; speciation; acid/base equilibrium
- Heterogeneous systems, mineral solubility, precipitation and dissolution
- Chemistry of metal in aquatic solution, ligands, complex formation

**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](mailto:info@dhi-ntu.com.sg)