

## **M-04      Resource economics and valuation**

- Objective:** The participants will learn about tools for resource valuation and achieve an introduction to basic resource economics
- Contents:** Basics: Costs and revenue; financial and economic analysis; net present value (NPV) and internal rate of return (IRR); total economic value (TEV); opportunity costs  
Valuation methods: Benefit transfer method; market price method; willingness to pay (WTP); productivity method; water valuation  
Scenarios and sensitivity; economic optimization; water fees/green taxes; demand management
- 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) plus some homework
- Costs:** \$ 300 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)