

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:** 3 lessons (2 hours each) plus some homework
- Schedule:** Lesson 1: Monday 1 December 2008 4-6pm
Lesson 2: Thursday 4 December 2008 4-6pm
Lesson 3: Monday 8 December 2008 4-6pm
- 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
- Instructor:** Louise Korsgaard (DHI Singapore), water and environmental policy consultant, educated in physical geography (MSc) as well as resource valuation and environmental flows (PhD). Dr Korsgaard has experience from Malaysia and Indonesia, where she has been involved in freshwater ecology, environmental impacts of various land uses, and economic valuation of ecosystem goods and services
- Enquiries and registration:** DHI Water & Environment, tel. 6777 6330, e-mail: info@dhi-ntu.com.sg