

URB-13 Flood estimation methods - how good are they?

- Objective:** The participants will learn about the theoretical background and the accuracy of two flood estimation methods (flood frequency analysis and rational method)
- Contents:**
- Flood frequency analysis: Theoretical background and accuracy
 - Hydrologic data series. Plotting position and return period formulas. Probability distributions
 - Theoretical background and accuracy of rational method. Deterministic approach and probabilistic approach.
 - Upstream control; partial-area effect; drainage design
- Who should attend:** Managers, professionals and engineers who are interested to find out the background and accuracy of the flood estimation methods
- Courseware:** Background documents as handouts and/or electronic files
- Certification:** Attendance certificate (subject to 80 percent attendance)
- Duration:** 2 lessons (2 hours each)
- 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