

## W-04 Climate change and climate proofing

**Objective:** Scientific evidence indicates an ongoing development - and perhaps a fast development - towards an increased climate variability that is expected to affect the water availability, the flood risk, and the aquatic environment. This, in turn, can affect land use, vital production systems, and indeed the wealth of nations

The participants will learn about scenarios for climate change and related options for preparedness and response

**Contents:**

- Risk management - brief introduction
- What we know about climate change - and what we don't know
- Projections and scenarios; the global, the regional and the national perspective
- Risk characterization: Water availability; inland floods; coastal floods; the aquatic environment; potential economic and social implications
- Management options; climate proofing at the project (design) level and the sector (planning) level

**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)

**Schedule:** (Pending, to be agreed)

**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*

**Instructor:** Tue Kell Nielsen (DHI Singapore), water resources management adviser, educated as an environmental engineer (MSc), business economist (BCom) and sociologist (PhD). Employed at DHI (Denmark) from 1977 to 2003 and at DHI (Singapore) since 2008. Teaching experience from Technical University of Denmark, Asian Institute of Technology (Bangkok), and Water Resources University (Hanoi)

**Enquiries and registration:**

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