



**IHE Delft** is the largest international graduate water education facility in the world and is based in Delft, The Netherlands. The mission of IHE Delft is to work in partnership to strengthen capacity in the water sector, to achieve global sustainable development. IHE Delft has a permanent staff of 220 of which more than 140 are academics from all over the world, while about 250 guest lecturers from academia and industry contribute to our educational programmes. Each year 750 professionals (including about 200 new MSc students

per year) from all over the world attend various water-related courses at IHE Delft. The Institute has an international staff & student community with English as the working language.

The **Department of Coastal and Urban Risk & Resilience (CURR)** conducts research, undertakes advisory/capacity development projects and provides post-graduate education and training to professionals in the fields of coastal systems engineering & port development, climate change impacts & coastal risk, and flood resilience – with each of these research lines headed by a Professor. To support mainly the climate change impacts and coastal systems engineering research/project/education activities of the department we are currently looking for a:

## Associate Professor in Water Infrastructure Asset Management 0,8-1 FTE / 32 – 38 hours per week

### Responsibilities

- Strengthen CURR position in Asset Management with linkages to strategic aspects and operational practices and perspectives, incl. water and finance;
- Ability to operationalise technical, socioeconomic and governance-related adaptation components into tailored strategies, concrete measures and expressive indicators, acknowledges the value of adaptive capacity and flexibility of assets for robustness and resilience of infrastructure assets;
- Developing the integration of asset management (water infrastructure) into urban climate adaptation.
- Perform/Contribute to project management-related activities;
- Lead/Contribute to project-related funding opportunities and acquisitions;
- Draft, write and review project deliverables, ensuring they are of high quality, in time and within budget;
- Redevelop, coordinate and teach asset management module;
- Establish a strong national and international network across the public, private and knowledge sectors.

### Requirements

- PhD degree in the area of environmental science, civil engineering;
- Proven track record in research in the area of asset management, flood risk management in urbanised delta areas and climate adaptation;
- Proven track record in transdisciplinary collaboration between research, practice and policy;
- A good working knowledge of adaptive planning methodologies;
- A good working knowledge of asset management at a strategic, tactical and operational level;
- A good working knowledge of technical, socioeconomic and governance aspects of asset management and adaptation;

- Working experience in Asian countries is a plus;
- Experience with and/or affinity for capacity building (education and training) activities;
- Affinity with modelling is a plus;
- Experience in setting up and coordinating academic modules;
- Teaching experience in academic courses;
- Experience with using ICT in education, such as digital assessment, e-moderating, online; teaching methods and platforms (experience with Moodle is an asset) is a plus.

### General requirements

- Proficiency in English is a prerequisite; working knowledge of one or more 'large' languages is a plus;
- UTQ is a plus;
- Excellent communication and writing/reporting skills;
- Ability to work in multi-disciplinary teams;
- Ability to function in a multi-cultural environment;
- Readiness to travel and participate in education, research and capacity building projects abroad.

### Information and application

Additional information can be obtained from Prof. Roshanka Ranasinghe (T: +31 (0)15 2151 805 or E: [r.ranasinghe@un-ihe.org](mailto:r.ranasinghe@un-ihe.org)) or Prof. Chris Zevenbergen (T: +31 (0) 15 215 1844 or E: [c.zevenbergen@un-ihe.org](mailto:c.zevenbergen@un-ihe.org))

Applications should be in English, and respond specifically to the requirements. The application package should comprise (i) a motivation letter outlining the applicant's skills and experience pertaining to at least all of the essential criteria listed above. The application can be sent to IHE Delft, attn. Human Resource Management (E: [Recruitment@un-ihe.org](mailto:Recruitment@un-ihe.org) ), **stating vacancy-number 20-CURR-02** before **31 October 2020 (Closing date)**. (The application should be in one PDF file with your family name as the filename).

*Reactions from staffing agencies and other 3rd parties are not appreciated.*