

IHE Delft Institute for Water Education offers graduate education in Delft, The Netherlands, and carries out research and capacity building projects all over the world. The mission of IHE Delft is to contribute to the education and training of professionals and to build the capacity of sector organizations, knowledge centres and other institutions active in the fields of water, the environment and infrastructure in developing countries and countries in transition.

IHE Delft has a permanent staff of 180, of which 90 are scientific staff, while about 250 guest-lecturers from academia and industry contribute to the educational programme. Each year 750 participants (incl. about 200 new MSc students per year) from all over the world attend the various regular and short courses at IHE Delft. The institute has an international staff & student community with English as working language.

The overall thrust of the **Environmental Engineering and Water Technology Department** (EEWT) is urbanization as one of the dominant global processes. Although urbanization offers enormous opportunities for socio-economic development, it also presents major challenges for the equitable and sustainable development of drinking water and sanitation infrastructure and services. Within this context the EEWT Department helps to build the necessary human resources and higher education and research capacities through postgraduate education, training, research and other capacity building activities in the fields of water supply, sanitation and resource recovery. The department consists of three chair groups, namely, Water Supply Engineering (WSE), Sanitary Engineering (SE) and Pollution Prevention and Resource Recovery (PPRR), each headed by a professor.

The department intends to further strengthen the expertise in the field of drinking water distribution by recruiting a:

Lecturer/Researcher in Water Supply Engineering- Water Distribution (m/f) - 1.0 FTE

Responsibilities

- Lecturing and moderation tasks in the MSc Programme in Urban Water and Sanitation (UWS);
- Active participation in research, including the mentoring of MSc and PhD students and acquisition of research funding projects in the field of water transport and distribution;
- Lecturing and moderation tasks in the EEWT online programmes, including the Graduate Professional Diploma Programmes (GPDP);
- Lecturing and moderation tasks in international training programmes conducted in Delft and partner institutions abroad;
- Developing new educational materials, including online learning products;
- Participation in acquisition and execution of capacity building projects.

Requirements

- PhD degree in the area of water transport and distribution, with proven track record in research;
- Knowledge of hydraulics of pressurized flows, including the transient flows;
- Affinity for use of state of the art distribution network modelling software, including water quality modelling;
- Professional experience in design and operation of urban water distribution networks, including modelling aspects of water leakage and overall network asset management;
- Affinity for mathematical modeling and development of numerical algorithms for research purposes;
- Understanding of water quality processes in distribution networks and their interactions with treatment processes is a plus;
- Affinity for capacity building (education and training) activities;
- Proficiency in English is a prerequisite; working knowledge of one or more 'large' languages 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.

Terms of employment

This position is, in principle, a permanent one, however, the first two contracts offered are always temporary, and only after this period a permanent contract will be considered. The position is based in Delft, The Netherlands. A competitive salary (starting scale 10/end scale 11) is offered depending on qualifications and experience in accordance with the conditions of employment for Dutch Universities. The appointment implies entry into the Netherlands' Civil Service Pension Fund (ABP).

Candidates must be prepared to carry out long- and short-term missions abroad.

Information and application

Additional information about the vacancy can be obtained from Dr. Nemanja Trifunović, Deputy Head of EEWT Department (+31 15 215 1858 or n.trifunovic@un-ihe.org).

Applications in English can be sent by **7th of May 2017 (closing date)** including curriculum vitae, statement of teaching and research interests and motivation letter (as one PDF file with your family name as the filename), to the Human Resources Management department at: vacancies@un-ihe.org, stating vacancy-number **17-EEWT-04**.

Interviews will take place around June 15.

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