The UNESCO-IHE 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 UNESCO-IHE 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.

UNESCO-IHE 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 UNESCO-IHE. The institute has an international staff & student community with English as working language.

The Water Science and Engineering Department conducts research and provides post-graduate education and training to professionals in the fields of water resources assessment and control, hydraulic engineering, hydrology/hydrogeology, various fields related to aquatic ecosystems and limnology, irrigation and drainage, navigation and hydropower, port and coastal engineering, and floods, droughts and pollution. The department is organized into six scientific chair groups: 1) Hydrology and Water Resources, 2) Hydraulic Engineering – River Basin Development, 3) Land and Water Development, 4) Coastal Engineering and Port Development, 5) Freshwater Ecosystems, and 6) Flood Resilience, each headed by a professor. For this department we are looking for a

**Junior Lecturer/Researcher in Irrigation and Drainage (m/f) 1.0 Fte**

**Responsibilities**

The new staff member will join the Land and Water Development (LWD) Chair group, which is primarily concerned with education and research in agricultural water management for food security and sustainability; modernization and management of irrigation & drainage systems; and lowland development. The current staff of the LWD chair group anchors the teaching programme of a specialized MSc in Land and Water Development and leads research and capacity-development projects around the world.

We are looking for a new staff member who will provide substantive input in teaching activities and the further development of academic course components of the program's curriculum, enabling students to meet learning objectives in terms of knowledge, understanding, skills, competence and attitude.

In consultation with the chair group members The new staff member is also expected to carry out scientific research in the field of water for food and irrigation & drainage, in line with the department plan.
Requirements

- Higher degree in Irrigation Engineering, Agricultural Engineering, or Civil Engineering.
- Interdisciplinary understanding of social, institutional, technical and biophysical aspects of water management for agriculture, and its role in food security and poverty alleviation.
- Knowledge of irrigation and drainage design and systems management.
- University teaching experience, preferably at the post-graduate level.
- Coordination and organizational skills: willingness to take over the role of MSc program coordinator
- Recent PhD or willingness to get PhD in a topic in line with the chair group's research interests.

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 (scale 10) 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 can be obtained from the Chair Professor, Charlotte de Fraiture (T: +31 (0)152 151 734 or E: c.defraiture@unesco-ihe.org) or Deputy Head of Department, Ali Dastgheib (T: +31 (0)152 151 845 or E: a.dastgheib@unesco-ihe.org).

Applications should be in English, should respond specifically to the requirements, and can be sent till Friday 31 October 2014 (closing date) including curriculum vitae, motivation letter, statement of teaching and research interests and experiences and the names and contact details of two contactable referees, to UNESCO-IHE, (as one PDF file with your family name as the filename), attn. Human Resource Management (E: vacancies@unesco-ihe.org), PO Box 3015, 2601 DA Delft, The Netherlands, stating vacancy-number 14-WSE-04.

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