The UNESCO-IHE Institute for Water Education offers post-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 centers 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 100 academic staff, while about 250 guest-lecturers from academia and industry contribute to the educational program. 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 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 and the chair group in Hydrology and Water Resources, we are looking for a

Project Specialist (m/f) 1.0 FTE

to work within the Mau Mara Serengeti (MaMaSe) Sustainable Water Initiative (mamase.org). MaMaSe is aimed at improving water safety and security in the Mara River Basin (Kenya) to support structural poverty reduction, sustainable economic growth and conservation of the basin’s ecosystems. MaMaSe is carried out by a consortium of institutions led by UNESCO-IHE and including a diverse program of technical and social interventions. The successful applicant will be responsible for supporting a range of technical activities.

Responsibilities
- Planning and implementation of field activities for data collection, including biophysical and social surveys;
- Data analysis and modelling, including development of a basin water system model and Bayesian network model to be applied in water allocation planning;
- GIS database management and production of maps and other spatial data products for the project; and
- Technical support to the MaMaSe management team in the general coordination of project activities, planning of project events, and preparation of annual reports.

Qualifications
- MSc degree in hydrology, ecology, civil engineering, physical geography, or a related science;
- Demonstrated academic competency (based on academic transcripts);
- Demonstrated communication skills (based on past publications and presentations);
- Knowledge of geographic information systems. Knowledge of Bayesian network modelling, data processing, and models such as WEAP and SWAT is an advantage;
- Experience in project reporting/management is an advantage;
- Professional and/or personal experience working abroad preferred; and
- Fluency in English required.
Terms of employment
This position is a temporary one for the duration of 2 years in total. The incumbent will be offered two temporary consecutive contracts of one year. The position is based in Delft. A competitive salary (in accordance with the CAO of Dutch Universities: scale 10 is offered depending on qualifications and experience. 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 Prof. M.E. McClain, PhD, Hydrology and Water Resources Chair Group (T: +31(0)15-2151852 / E: m.mcclain@unesco-ihe.org).

Applications should be in English, should respond specifically to the requirements, and can be sent until 10 November 2015 including curriculum vitae, motivation letter and the names and contact details of two contactable referees (as one PDF file with your family name as the filename), to UNESCO-IHE, attn. Human Resource Management (E: vacancies@unesco-ihe.org ), PO Box 3015, 2601 DA Delft, The Netherlands, stating vacancy-number 15-WSE-03.

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