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 Water Resources and Ecosystems 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 and various fields related to aquatic ecosystems. The department is organized into three scientific chair groups: 1) Hydrology and Water Resources, 2) Hydraulic Engineering – River Basin Development, and 3) Aquatic Ecosystems, each headed by a professor. We are now seeking

**Researcher on the integration of local and scientific knowledge in people-centred climate services**

Are you passionate about developing climate services to support different economic sectors in addressing multiple climate hazards (e.g. floods, droughts, heatwaves)? Do you enjoy doing research as part of interdisciplinary teams for the generation of new knowledge and development of new approaches and tools? Do you enjoy working with large global data sets and modelling tools? Are you interested in unravelling feedback loops in complex climate-human systems through applying participatory modelling approaches? Do you like to communicate with multiple actors and organize communication and dissemination activities? Are you interested in developing project management skills? Do you have a key interest in contributing towards building climate resilient societies in Europe and beyond? Then you are an ideal candidate for this Researcher Position. IHE Delft Institute for Water Education (IHE) is looking for an enthusiastic candidate for a Researcher position associated with the I-CISK project "Innovating Climate services through Integrating Scientific and local Knowledge", funded by European Commission (H2020 programme), starting on November 1st, 2021. IHE Delft is the coordinator of the project.

The ambition of the project is to innovate the development of a next generation of climate services, following a social and behaviourally informed approach to co-producing climate services with users to meet climate information needs at a relevant spatial and temporal scale. I-CISK aims to take a trans-disciplinary approach to developing CS by working with stakeholders in seven Living Labs established in climate hotspots across the European Union as well as in Georgia and Namibia, to address climate change and extremes (droughts, floods and heatwaves), faced by agriculture, forestry, tourism, energy, health, and the humanitarian sectors. The project consortium is composed of thirteen partners, forming an interdisciplinary team, including physical and social scientists.

**Responsibilities**

As a Researcher, you will work with the research team at IHE, including a PhD researcher, as well as with other researchers from other partners in the project, including VU Amsterdam, SMHI, ECMWF, and others. Your main contribution will be on the integration of local knowledge to transform scientific data into user-tailored information, in particular on the merging of local data and knowledge and large-scale climate services, understanding feedbacks in complex climate-human systems through participatory modelling, user-driven visualisation of climate services and communication of uncertain predictions.
In addition to contributing actively to the research in the project, you will also support the project coordinator, including project administrative tasks, project communication, and the timely implementation of project deliverables, reporting to the European Commission, and organisation of project consortium activities.

Requirements:
● A PhD degree in a field related to climate services, seasonal and/or climate projections, earth sciences, hydroinformatics, environmental sciences, water management. Preference would be given to candidates who have conducted research on the development and use of climate information to support decision making.
● The candidate should have a demonstrated experience in one or more areas related to the climate services generation process (e.g. modelling, data analysis, forecasting and early warning), integration of scientific and local knowledge, participatory modelling process and impact assessment methodologies.
● The candidate should have a good track record of publications in high quality scientific journals, and interest in developing skills to translate scientific findings for a range of audiences such as policy makers, decision makers, end users and the general public.
● The candidate should be proficient in English (written and spoken) and have a demonstrated ability to independently write academic texts in English.
● The candidate should have good collaboration and communication skills. Candidates with demonstrable experience in (supporting) project coordination and management will be given a preference.
● The candidate should be prepared to travel to undertake fieldwork related activities in selected Living Labs (both within and outside Europe).

Terms of Employment
This project position is flexible and the length of the temporary contract will be dependent on the hours worked. However, the employment agreement will be no longer than 48 months in accordance with the CLA for Dutch Universities. The position is stationed 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).

Starting date of the position:
The preferred starting date is 1st of March 2022, or as soon as possible after the 1st of March.

Information and application
For any questions related to this position please contact Micha Werner (m.werner@un-ihe.org) and/or Ilyas Masih (i.masih@un-ihe.org).

Applications (in English) should respond specifically to the requirements and should be sent before the 3 January 2022, including curriculum vitae, a motivation letter, and the names and contact details of two contactable referees (as one PDF file with your family name as the filename), to IHE Delft, attn. Human Resource Management at recruitment@un-ihe.org, stating vacancy-number 21-WRE-01.