



**Institute for
Water Education
under the auspices
of UNESCO**

IHE Delft Institute for Water Education is a unique education and research institution whose mission is focused on strengthening the capacity of the water sector, particularly in low- and middle-income countries, to manage water and environmental resources sustainably and equitably, thereby contributing to a world free of poverty and injustice.

As such, IHE Delft is a unique knowledge institute in both the Dutch and international research and educational landscape. With its exclusively post-graduate education, it is the largest international graduate water education facility in the world. Through research, education and institutional strengthening, IHE Delft strives to contribute to all the Sustainable Development Goals (SDGs) where water plays a key role.

IHE Delft achieves its mission through its highly diverse and international staff (with more than 120 of 200 total hailing from outside the Netherlands), its wide network of guest lectures (with more than 250 guest lecturers from global academia and industry), and with robust international partnerships. Partnerships are integral to achieving this mission, and IHE works closely with universities, government agencies, NGOs, and private sector institutions from low and middle income countries as well as from Europe and the Netherlands. Each year, 750 international professionals, including about 200 MSc students and numerous PhD students and post-docs, attend courses or enroll in programmes at IHE Delft. The institute provides expertise in aspects of water science including environment and ecosystems, governance and social science, and in engineering, which are organized in six departments, which can be found at <https://www.un-ihe.org/>

The **Water Resources and Ecosystems Department** in IHE Delft conducts research and education activities that aim to support society in decisions and policy that sustain freshwater resources and ecosystems by balancing their protection, restoration, use, and development. We conduct research and provide post-graduate education and training to professionals in the fields of hydraulic engineering, hydrology/hydrogeology, aquatic ecosystems, while maintaining inter-disciplinary collaborations with other departments in IHE Delft and with international partners. The department is organised into three research groups: 1) Hydrology and Water Resources, 2) River Basin Development, and 3) Aquatic Ecosystems.

Lecturer in Aquatic Ecosystem Science (Emphasis on P cycling) 38 hours per week

The Aquatic Ecosystems Research Group has expertise in ecosystem services of wetlands (including nitrogen retention and water quality), in nitrogen and carbon biogeochemistry (including greenhouse gas emissions), and in bioassessment of tropical ecosystems (particularly macroinvertebrates). The group also has expertise on ecosystem valuation and works across the institute on policy and governance issues associated with management of wetlands. With this position, the group seeks to deepen its expertise in the ecosystem processes related to **phosphorus cycling**. We seek a colleague who can contribute to field and laboratory studies aiming to understand how catchment processes, internal cycling, and/or primary production affect the ecosystem services of tropical and sub-tropical aquatic ecosystems, across all or some of vegetated wetlands, lakes, or rivers. We are particularly interested in someone who can understand some of the key pressures on aquatic ecosystems in development contexts, which often have to do with erosion and sediment inputs associated with land-use change, agricultural intensification, and dam construction. An appreciation for sediment – P relationships allows potential to contribute to the River Basin Development and Hydrology groups. Interest or experience in evidence-based policy development is also appreciated.

Your job as a lecturer in the Aquatic Ecosystem group will be to contribute to MSc in Water and Sustainable Development (<https://www.un-ihe.org/education>) which includes module teaching and mentoring thesis projects of MSc students, contributing to the field and laboratory planning for several on-going funded projects (mostly in several countries in East Africa) and supporting local partners and students in these activities. You will be expected to build your own professional profile in research and capacity strengthening through project acquisition (writing proposals), paper writing, and networking .

Responsibilities

- Develop your own research line in aquatic ecosystem science with a focus on tropical and sub-tropical systems;
- Develop and deliver teaching to support the Environmental profile in IHE MSc programmes, including both classroom and on-line teaching;
- Pursue and acquire funding for research and capacity strengthening projects;
- Co-supervise research of MSc and PhD students;
- Develop field programmes for education and research;

Requirements:

- PhD degree with at least two years relevant experience;
- An enthusiasm for teaching, preferably with experience at undergraduate and/or post-graduate level;
- Interest in interdisciplinary research and teaching;
- Sensitivity for and interest in a multicultural work environment;
- Willingness to travel abroad to project countries for field work, teaching, and meetings.

Terms of employment

The working language at IHE Delft is English, but all employment contracts are and employment terms are according to the Dutch labor laws, and IHE Delft generally follows the collective labor agreement of the Dutch Universities. <https://www.universiteitenvannederland.nl/>

The employment contract is for 1.0 full time equivalent (fte) or 38 hours per week. A competitive salary is offered depending on qualifications and experience in accordance with the conditions of employment for Dutch Universities.

The appointment includes entry into the Netherlands' Civil Service Pension Fund (ABP). IHE Delft offers an attractive, multiple-choice employee benefits scheme, year-end bonus and generous pension scheme. We also offer 31 days leave based on a 38 hours working week.

Information and application

Additional information can be obtained from Graham Jewitt, (g.jewitt@un-ihe.org) or Ken Irvine k.irvine@un-ihe.org

Applications (in English) should respond specifically to the requirements and can be sent by **31 January** including curriculum vitae, motivation letter and the names and contact details of two contactable referees (*all together as one PDF file with your family name as the filename*), to IHE Delft, attn. Human Resource Management (E: recruitment@un-ihe.org), stating vacancy-number **22-WRE-04**.

By submitting your application for this vacancy, you agree with the privacy statement below:

The personal data you share through your application file and other means will only be used by IHE Delft for the purpose of the recruitment and selection process in order to evaluate your suitability for the vacancy for which you have applied, as well as for communication purposes related to the vacancy. IHE Delft will process your personal details in accordance with the EU General Data Protection Regulation of 25 May 2018. For more information we refer you to the privacy statement of IHE Delft: <https://www.un-ihe.org/privacy-statement>

Without your prior consent or other legal basis, no information will be shared with third parties. For further questions please contact our Data Protection Officer at dpo@un-ihe.org.

