



**UNITED NATIONS  
UNIVERSITY**

**LOCAL RECRUITMENT  
Hamilton, Canada**

**VACANCY ANNOUNCEMENT**

**POSTDOCTORAL FELLOWSHIP PROGRAMME (PDF). TWO  
POSITIONS**

**Postdoctoral Fellow 1: Unconventional Water Resources and Water-Related Risks**

**(Personnel Service Agreement – PSA)**

- Organizational Unit** : United Nations University Institute for Water, Environment and Health (UNU-INWEH)
- Reference Number** : 2019/UNU/INWEH/PSA/PDF/UWR/01
- Applications to** : [hr.inweh@unu.edu](mailto:hr.inweh@unu.edu)
- Closing Date** : 11 February 2019  
Only short-listed candidates will be notified.

**About UN University (UNU)**

For the past four decades, UNU has been a go-to think tank for impartial research on the pressing global problems of human survival, conflict prevention, development, and welfare. With more than 400 researchers in 13 countries, UNU's work spans the full breadth of the 17 SDGs, generating policy-relevant knowledge to effect positive global change. UNU maintains more than 200 collaborations with UN agencies and leading universities and research institutions across the globe. For more information please visit <http://unu.edu>

**United Nations University Institute for Water, Environment and Health (UNU-INWEH):**

The UNU Institute for Water, Environment and Health (<http://inweh.unu.edu/>) is a member of the UNU family of organizations. Its vision is a world free of water problems where sustainable human development and environmental health and security are assured for all. Its mission is to help resolve pressing water challenges that are of concern to the United Nations, its Member States, and their people. UNU-INWEH pursues its mission through critical analysis and synthesis of existing bodies of scientific discovery; targeted research that identifies emerging policy issues; application of on-the-ground scalable science-based solutions to water issues; and global outreach. UNU-INWEH is the only entirely-water focused Institute within the UNU System, and the only entirely water-related UN entity in Canada. UNU-INWEH is supported by the Government of Canada and hosted by McMaster University.

UNU-INWEH works on several broadly defined, interconnected thematic areas: Water-related Sustainable Development Goals; Unconventional Water Resources, Water Security and Nexus, Managing Water-related Health Risks, and Managing Water Resources Variability and Risks for Increased Resilience (<http://inweh.unu.edu/current-projects/>). Climate change, gender and capacity development are the cross-cutting themes. The institute focuses primarily on global water issues and their implications for developing countries.

The newly launched, in 2019, Postdoctoral Fellowship (PDF) Programme provides an opportunity for candidates who recently graduated with a PhD to expand their career beyond their scientific disciplines. UNU-INWEH offers an excellent multicultural environment for recent PhD graduates to interact with scholars from different countries and diverse thematic backgrounds.

### **Responsibilities**

- Work under direct supervision of one of the Project Leaders of Projects “Unconventional Water Resources” (<http://inweh.unu.edu/unconventional-water-resources/>) and “Managing Water Resources Variability and Risks for Increased Resilience” (<http://inweh.unu.edu/managing-water-resources-variability-and-risks-for-increased-resilience/>). Provide input to both projects as agreed between the PDF and the supervisors.
- Produce fellowship outputs, agreed with the supervisor(s) at the start of the Fellowship, that will support and contribute to personal career development and to UNU-INWEH institutional impact. In particular, it is expected that a PDF will develop and submit two (2) manuscripts per year for peer-reviewed journal(s) or UNU-INWEH report series (<http://inweh.unu.edu/publications/reports/>) in collaboration with UNU-INWEH faculty and affiliated academics.
- Meet regularly and communicate effectively with the UNU-INWEH supervisor(s) to monitor progress.
- Work collaboratively with UNU-INWEH scholars and build working relationships and engagement opportunities with external stakeholders within Canada and globally.
- Present the research progress and outputs at a minimum of two (2) internal seminars and one (1) international/national conference / event per year. Conferences will be identified in discussion with the UNU-INWEH supervisor(s).
- Develop good knowledge about objectives, mandates and global operations of the UNU-INWEH, UNU, UN-Water and UN at large.

### **Qualifications and Requirements:**

- A PhD in water resources management or engineering, hydrology / hydrogeology, water policy, water quality management, water economics or other closely related discipline.
- A PhD shall be complete and defended by the time of application. PhD shall be defended not more than two (2) years preceding the date of application for this Fellowship.
- A minimum number (at least two (2)) of peer-reviewed publications normally required for and associated with PhD defense. It is expected that a total record of publications is more than a minimum.
- Working knowledge of GIS, statistical packages, relevant models and tools.
- Knowledge of previous exposure to one or more of the following areas is an advantage: groundwater, water technologies, remote sensing of environment, water storage planning and management, indexing water-related vulnerability and risks.
- An interdisciplinary research background is a strong advantage. Willingness and ability to work across disciplines, beyond the core set of skills.
- Strong interest in integrating water research with global water policy and practice.
- Demonstrated ability to present research outputs at international / national events.
- Strong team player with proven interpersonal skills demonstrated by the ability to work in a multi-cultural, multi-ethnic environment with sensitivity and respect for diversity.
- Work experience in developing country(ies) or/and international organization(s) is an added advantage., and
- Fluency in oral and written English; knowledge of any other UN official languages is an advantage.

### **Remuneration and other conditions of service:**

The PDF will be based at UNU-INWEH in Hamilton, Canada. The fellowship is a full-time employment on a one (1) year Personnel Service Agreement (PSA) contract and can only be extended (for a maximum of one (1) year) based on budget availability and progress review conducted during the 9<sup>th</sup> month of the first-year fellowship. Remuneration will be a monthly stipend of CAD 4200 (all inclusive) for the duration of the fellowship. The salary is exempt from Canadian income taxes. UNU has its own medical insurance for employees contracted under a PSA.

**Starting Date:** March/April 2019 or as soon as possible thereafter

### **Application procedure**

Interested applicants should submit their applications by e-mail in the form of an Adobe Acrobat PDF file to [hr.inweh@unu.edu](mailto:hr.inweh@unu.edu). Applications **must** include the following:

- A **separate** cover letter setting out how the applicant's qualifications and experience match the eligibility requirements of the positions / topics listed;
- A completed and signed [UNU Personal History \(P11\) form](#) downloadable from the [UNU website](#);
- Do not use similar forms provided by other United Nations organizations and **do not submit your curriculum vitae**;
- An abstract of your current PhD research/dissertation;
- One sample (a .pdf file) of your recent publication in English;
- **Note for references:** At least one (1) reference must come from one of your PhD supervisor; and
- An indication of the reference number of the vacancy announcement (2018/UNU/INWEH/PSA/PDF/UWR/01)

**Applications that do not include all the requested information will not be considered.**

The United Nations shall place no restrictions on the eligibility of men and women to participate in any capacity and under conditions of equality in its principal and subsidiary organs (Charter of the United Nations - Chapter 3, article 8).