VACANCY ANNOUNCEMENT: Internship for Groundwater

Internship Reference Number: UNU-INWEH/Intern.2018.05

Application deadline: 15 April 2018

Background:
Conventional approaches relying on rainfall and river runoff in water scarce areas are not sufficient to meet the human needs, despite improvements in water-use efficiency techniques. Water-scarce countries, regions and communities need a new water paradigm considering a range of unconventional water resources to narrow the water demand-supply gap for food production, livelihoods, ecosystems, and sustainable development. Among unconventional water resources, groundwater confined in deep geological formations or in off-shore aquifers offers a potential water augmentation opportunity. In addition, in some areas groundwater potential has yet to be fully realized. Such options warrant detailed outlook and in-depth analysis.

At UNU-INWEH, we intend to initiate the process of data and information collection and synthesis to develop a state-of-the-art review to elaborate on the status of harnessing the potential of groundwater confined in deep geological formations, in off-shore aquifers offers, or under-explored, among others. In addition, we aim for developing a policy brief.

We are looking for an intern to assist in the process of data and information collection and synthesis, prepare draft of the report, and support the work on other types of unconventional water resources in general.

Internship Requirements:
- Eligibility requirements as available at: http://inweh.unu.edu/internships/
- A final year undergraduate student or a postgraduate student or recent degree holder
- Familiarity in undertaking research and literature reviews
- Excellent computer skills, particularly use of Excel
- Fluent in oral and written English; knowledge of any other UN official languages is an advantage

Responsibilities (List of Tasks):
- Collect and synthesize data and information on the status of groundwater confined in deep geological formations, in off-shore aquifers offers, or under-explored, among others.
- Search of literature on the related economic, policy and institutional, and environmental trade-offs, among others.
- Prepare draft of the state-of-the-art review and policy brief on the status of harnessing the potential of groundwater in water scarce areas.
Undertake additional tasks related to other unconventional water resources, and any other activities related to the above tasks, as assigned by the supervisor.

**Expected Products (Outputs):**
- Datasets and information synthesis on the status of harnessing the potential of groundwater in water scarce areas.
- Policy brief and state-of-the-art review on the status of groundwater confined in deep geological formations, in off-shore aquifers offers, or under-explored, among others.
- Internship report submitted to UNU-INWEH, as per requirement of UNU-INWEH internship program.

**Duration and Start Date:**
The duration of internship is at least 3 months, which may be extended to 6 months depending on the need and work progress. The internship is expected to start at a mutually agreed date in May 2018.

**Application Procedure:**
Interested applicants should apply before 15 April 2018 by following the application procedure available at: [http://inweh.unu.edu/internships/](http://inweh.unu.edu/internships/) by writing ’UNU-INWEH/Intern.2018.05 Groundwater ’ in the subject line

[ sample: Internship Application – name-surname- UNU-INWEH/Intern.2018.05 Groundwater]