



UNITED NATIONS
UNIVERSITY

UNU-INWEH

**Institute for Water,
Environment and Health**

204 - 175 Longwood Road S.
Hamilton, Ontario
L8P 0A1
Canada

Telephone +1 905 667 5511
Fax +1 905 667 5510
E-mail contact.inweh@unu.edu
Web www.inweh.unu.edu

VACANCY ANNOUNCEMENT: Internship for Water Security

Internship Reference Number: UNU-INWEH/Intern.2018.06

Application deadline: 4 May 2018

Background:

Water Security

While Water Security is widely viewed as a central goal in the water resources management community, interpretations of the term vary considerably. Prominent efforts have been made to foster convergence toward a common interpretation and application of the term in the Asia-Pacific (ADB, 2007; 2013; 2016) and by GWP (2013). In Africa, despite identification of achieving water security as a central goal in multiple prominent documents at a continental-level (e.g., AMCOW) and regional-level (e.g., SADC), there has been no effort to quantify the current state of water security for the continent.

Assessing Water Security in Africa

The goal of this exercise is to develop and apply an index for assessing water security in Africa. It is hoped that this work will help to “concretise” water security on the continent, and aid in the prioritisation of water security challenges in different regions, basins and countries. The work will draw on, but not be limited by, existing efforts to assess water security. The work will seek to avoid silver-bullet approaches to water security assessment and will aim to consciously incorporate conceptual fuzziness into index design by accommodating alternative options for key indicators. Periodic input will be sought from African experts e.g. at AMCOW, SADC and water ministries of specific countries. This is a collaborative initiative of UNU-INWEH and International Water Management Institute (IWMI)

Internship Requirements:

- Eligibility requirements as available at: <http://inweh.unu.edu/internships/>
- Masters focused on water science/water policy within an appropriate programme such as environmental sciences, environmental/natural resources economics, geography
- Ability to extract and process various data sources; good knowledge of spreadsheets
- Ability to use GIS - to perform relatively simple tasks
- Regional knowledge of water-related issues of Africa
- Fluent in oral and written English; knowledge of any other UN official languages is an advantage

Responsibilities (List of Tasks):

- Lead development and application of methods for measuring water security. This will include i) compilation of data on issues such as water resources availability, use, rainfall variability, ii) use of compiled data to populate a set of key indicators, iii) conversion of ranges in indicator results

into ranges of water security, iv) determination of different water security levels in different countries and basins based on aggregation of different indicator results.

- Contribute to write-up of UNU-IWMI joint report on water security in Africa

Location, Duration and Start Date:

Internship will be located at UNU-INWEH in Hamilton, ON, Canada, but will be supervised by both UNU-INWEH senior staff and IWMI senior visiting fellow. The duration of internship is at least 3 months, longer placement is preferred. The internship is expected to start at a mutually agreed date in May 2018, on the latest by beginning of June 2018.

Application Procedure:

Interested applicants should apply before 4 May 2018 by following the application procedure available at: <http://inweh.unu.edu/internships/> by writing 'UNU-INWEH/Intern.2018.06 Water Security' in the subject line

[sample: Internship Application – name-surname- UNU-INWEH/Intern.2018.06 Water Security]