

WMO Meteorological Organization

7bis, avenue de la Paix, P.O. Box 2300

CH 1211 Geneva 2, Switzerland

Intern position Description

Title: Disaster Resilience and Water GIS Database Intern

Location: Geneva, Switzerland

Period: Six months

Start date: As soon as possible

Contact persons: Ms Patricia Geddes (pgeddes@geosec.org), Ms Vanessa Aellen (vaellen@geosec.org)

Office/Department: GEO (Group on Earth Observations)

General duties

1. Creating a visualization tool (e.g. interactive map) to help the Water and Disaster community to have an overview of the current existing activities including:
 - a. Perform online research to identify and catalogue official reports, platform, website and other materials of relevance referencing use of Earth Observations in disaster and water management
 - b. Implementing a process to structure identified recommendations into categories, prioritizing based on relevance to countries and relative to potential number of population impacted.
 - c. Creating a database of existing activities and research in Disaster Risk Reduction and Water management areas that can be easily updated.
2. Additional duties as required by the GEO

Qualifications required:

Education

BSc or MSc (or equivalent university degree) from a recognized university or technical institute in geography, meteorology, physics, earth science or hydrology, Information technology

To qualify for an internship, the following conditions must be met:

- a) Be enrolled in a graduate school programme (second university degree or equivalent, or higher);
- b) Be enrolled in the final academic year of a first university degree programme (minimum Bachelor's level or equivalent); or
- c) Have graduated with a university degree (as defined above) and, if selected, must commence the internship within a one year period of graduation

Experience

Applicants may have interest in data management, visual mapping, as well as information systems. They may also have a demonstrated keen interest in the work of the United Nations and of GEO.

- Computer literacy

Ability to effectively and efficiently work with:

- Microsoft Office applications and information systems, GIS and databases (QGIS, ArcGIS, and others)
- Scripting and other languages (e.g. JavaScript, JSON, HTML, CSS, JQuery, Leaflet)
- Additional qualifications in information technology is a bonus.

- Communication skills

Have a demonstrated ability to successfully interact with individuals of different cultural backgrounds and beliefs, which include willingness to try and understand and be tolerant of differing opinions and views.

- Language skills

Excellent knowledge of English (spoken and written).