

UNESCO Sponsored Traineeship Programme

Terms of Reference

GENERAL INFORMATION

Duration: 12 months

Location: Paris, France

Organizational Unit: Section on Groundwater Systems and Settlements, Division of Water Sciences, Natural Sciences Sector

Supervisor : Mr. Alexandros Makarigakis, Programme Specialist

DESCRIPTION OF THE TRAINEESHIP

The intern will support UNESCO's Water for Human Settlements of the Future team to develop, implement, and administer policies, activities and projects and to engage in dialogue with related sectors and intrasectorally in UNESCO.

While the intern will support the following activities:

- Coordination of the UNESCO Urban Hub with other UNESCO sectors and within the sector.
- Plan and conduct making policy recommendation/technical tool/guidelines for Water for Human Settlements of the Future.
- Networking member countries, UNESCO water Chairs and C2Cs and related organizations to disseminating/exchanging knowledge and experience on Water for Human Settlements of the Future.
- Identify opportunities for UNESCO projects in Water for Human Settlements of the Future (desktop study on funding opportunities).
- Organization of the International Hydrological Programme's (IHP) Bureau and Council sessions

S/he will be further charged with supporting the project "Water Security on Sustainable Water Security for Human Settlements in Developing Countries under Climate Change" that aims to support Member States' water security given the challenges they will be facing due to climate change. It seeks to first model the effects climate change will have on the country and then develop a strategy and an operational plan for engineering works that can be undertaken to enhance the country's resilience. The project includes strengthening human resources capacity on the methodology used to continue the process even after UNESCO's support is completed.

It is envisioned that the intern will be able to support according to their profile either on the climate change vulnerability analysis of the countries or at the translation of the results of this analysis to engineering works.

REQUIRED QUALIFICATIONS

Education: Minimum a Bachelor degree in Civil/Environmental Engineering or in Climate Change modelling / vulnerability analysis or similar academic background. A Master's degree in the aforementioned topics would be preferable.

Subjects: Specialization in water related topics such as water services provision, water/wastewater treatment, hydroinformatics etc. or in downscaling regional climate models and performing vulnerability analysis

Language skills: Very good knowledge of English and good knowledge of French or Spanish

Competencies and skills:

- Able to work in a multi-cultural environment and within a team.
- Literate in MS Office, google docs, document sharing tools etc.

LEARNING OBJECTIVES

The intern will be able to use her/his skills on a real life project and experience the various aspects of management cycle of an international project implementation.

Further to the lessons learned on project implementation, the intern will be able to experience the policy environment that an International Organization faces and will participate on meetings related to global agendas, like the Agenda 2030 and the implementation of Sustainable Development Goal 6 on water, New Urban Agenda and the Sendai Framework for Disaster Risk Reduction.

Learning to implement in a multidisciplinary environment, preparing them thus for future work will be part of the internship.

In summary, the intern will receive experiential training from a team of seasoned engineers (minimum 20-30 years of experience) in an international environment.

Finally, UNESCO has a number of e-learning modules available that the intern could benefit from.