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**UNESCO Sponsored Traineeship Programme**

**Terms of Reference**

**Trainee: Science Ecohydrology, Water Quality and Water Education**

**GENERAL INFORMATION**

**Duration:** 12 months

**Location:** Paris, France

**Organizational Unit**: SC/HYD/EQE

**Supervisor (name, title):** Giuseppe Arduino, Chief of Section on Ecohydrology, Water Quality and Water Education

**DESCRIPTION OF THE TRAINEESHIP**

Under the authority of the Director of the Division of Water Sciences, and under the supervision of the Programme Specialist in Ecohydrology and Water Education Section (EQE), the incumbent shall promote, initiate and coordinate activities in scientific cooperation in hydrology within the framework of UNESCO’s International Hydrological Programme (IHP), by performing the following functions:

* Assist in all activities (workshops, training courses, conferences) developed in the framework of Ecohydrology, Water Quality and Water Education Programme (SC/HYD/EQE Section).
* Provide support for the Ecohydrology Scientific Advisory Committee and International Initiative on Water Quality meetings in preparation of background and wrap-up documents.
* Effectively participate in the review and evaluation of the implementation activities, and, if required, in the planning of any subsequent phase of the project activities.
* Help to maintain the Ecohydrology demonstration site content and updates, and integrate the existing contents into the Ecohydrology web platform including the design of the ecohydrology database and the demonstration sites cards.

**REQUIRED QUALIFICATIONS**

**Education:**

* Master of Science in Civil and Environmental engineering, water management, water reuse

**Subjects:**

* Impact of global change on water scarcity, quality and accessibility as well as environmental policies based on environmental technology in advancing sustainability and emerging water issues caused by climate change.
* Design of feasible environmental policy based on environmental technology in advancing sustainability
* Emerging water ecosystems issues caused by climate change.

**Language skills:**

* Fluent in English, knowledge of other UNESCO official languages will be an asset.

**Competencies and skills:**

* Microsoft Office applications.

**LEARNING OBJECTIVES**

Collaboration with the IHP Secretariat and in particular working within the Ecohydrology, Water Quality and Water Education section will allow the incumbent to acquire relevant experience in programme designing, project planning, implementation and review with particular reference to impact of global changes, water scarcity and accessibility as well as environmental policies based on environmental technology in advancing sustainability and emerging water quality issues caused by climate change. Furthermore, the incumbent’s interactions with the colleagues from the division and the science sector as well as with external partners, consultants and technical experts will strengthen her/his capacity do deal in a diverse and gender balanced working environment.

**ADDITIONAL INFORMATION**