



## TERMS OF REFERENCE

### **Junior Professional Officer (JPO) Associate Scientific Officer (Hydrological Forecasting and Water Resources Management) P2**

#### **Organizational Unit:**

Services Department (S)/ Hydrology, Water and Cryosphere Division (HWC) / Hydrological and Water Resources Section (HWR)

#### **Responsibilities:**

Under the overall guidance of the Director of Hydrology, Water and Cryosphere Division and Chief of Hydrological and Water Resources section, the incumbent will perform the following duties:

- (a) Support the implementation of the WMO Plan of Action for Hydrology in coordination with the Hydrological Coordination Panel, the Research Board, the Infrastructure and Services Commissions as well as other partners/organizations;
- (b) Collaborate with Regional Associations to ensure that regional hydrological requirements from Members form the basis of regional hydrological work plans and programmes and assist the HWR focal points in implementing them, focusing on hydrological forecasting and water resources assessment/management, aligned with WMO's eight long-term ambitions in hydrology;
- (c) Provide support to the activities of the Standing Committee on Hydrological Services activities, including the implementation of 36 milestones;
- (d) Organize hydrology capacity building, including information events, the development of material, and webinars;
- (e) Initiate and coordinate outreach activities; conduct training workshops and seminars, and delivering presentations on agreed topics and activities;
- (f) Prepare briefing notes, presentations, statements and other inputs for engagements by senior management team on hydrology and water resources issues;
- (g) Perform other relevant duties as required.

## Qualifications:

Education: Master's degree or equivalent in hydrology, water resources, hydrometeorology, physics, environmental sciences, engineering or a related field. A PhD degree would be advantageous.

Experience: At least three years of progressively responsible experience. Strong knowledge/experience in hydrological forecasting and water resources assessment/management, with a solid background in the field. Proven track record of research or application activities while operational hydrology experience would be advantageous. High sense of integrity, responsibility, and maturity of judgment; Ability to work autonomously. Good level of initiative and creativity. Strong organizational and multi-tasking skills. Excellent ability to draft clear and concise reports and position papers.

Language: Excellent knowledge of English (both oral and written). Knowledge of other official languages of the Organization would be an advantage.

(Note: The official languages of the Organization are Arabic, Chinese, English, French, Russian and Spanish.)

## Learning Elements:

On completion of the assignment, the JPO will have:

- Complete WMO mandatory trainings.
- Gain a deep understanding of hydrology and water resources, with a focus on hydrological forecasting and water resources assessment/management.
- Demonstrate strong oral and written communication skills, with opportunity to attend UN language training organized by UNOG.
- Support hydrology, water resources work programme processes and gain insights into the challenges of related operational hydrology related to hydrological forecasting and water resources assessment/management within multicultural environment of a specialized UN Organization.
- Develop and maintain strong relationships with various stakeholders and develop networks with considerable expertise into hydrology, water resources areas.