



WMO - World Meteorological Organization

Terms of Reference Chiffre Nr. 2022-2-51

Junior Professional Officer Programme (JPO)

I. General Information

Title: Junior Professional

Organization: WMO - World Meteorological Organization

Sector of Assignment: Infrastructure, Development partnerships

Office: WIGOS Branch – Infrastructure Department

Country and Duty Station: Geneva, Switzerland

Duration: 2 years with possibility of extension for another year. The extension of appointment is subject to yearly review concerning priorities, availability of funds, and satisfactory performance

Please note that for participants of the JPO-Programme two years work experience are mandatory! Relevant work experience can be counted. In order to assess the eligibility of the candidates, we review the relevant experience acquired after obtaining the first university degree (usually bachelor's degree).

II. Supervision

Title of Supervisor: Director, WIGOS Branch

Content and methodology of supervision:

- Regular, at least bi-weekly meetings with supervisor
- Establishment of a work plan, with clear key results and regular feedback
- Regular participation in meetings including managerial level to ensure integration and operational effectiveness
- Guidance and advice in relation to learning and training opportunities within the field of expertise

- Opportunities for engagement in activities with partners at senior level with strong learning and development components, with feedback and follow-up to enable development of new skills

III. Duties, Responsibilities and Output Expectations

The JPO will be appointed as Junior Professional Officer in the WIGOS Branch of the Infrastructure Department, of the WMO Secretariat. Your official duty station will be Geneva and your duties will be as follows.

Under the supervision of the Director of the WIGOS Branch, you will undertake the following duties:

- Contribute to the implementation of the Global Basic Observing Network (GBON), in particular those aspects linked to the establishment of the Systematic Observations Financing Facility (SOFF). The SOFF is a new climate finance flagship initiative established to provide technical and financial support for the implementation and operation of GBON in developing countries (initially SIDS and LDCs). SOFF is supported by the major multilateral development and climate finance partners of the Alliance for Hydromet Development (including Green Climate Fund, Global Environment Facility, World Bank, Asian Development Bank, UNDP, UNEP)
- The preparation for GBON implementation will include :
 - o Categorization of the observing networks of individual WMO Members: Standard network, High density network or Marine network
 - o Establishment of GBON compliance criteria (number of active observing stations, number observations actually delivered), both for surface and upper air observations
 - o Updating WMO technical observation station inventories and data monitoring systems to accommodate GBON
 - o Specification of procedures and modalities for annual GBON compliance reporting
- Development of specific reporting quantities and mechanisms for SOFF (to be developed in collaboration with SOFF Secretariat and SOFF Steering Committee)
- Supporting the WIGOS Branch and the SOFF Secretariat in organizing meetings GBON and SOFF-related workshops and other events for WMO Members and other constituencies
- Contributing to GBON and SOFF-related communication efforts
- Carry out other relevant duties, as required

IV. Qualifications and Experience

Education: Master's degree in meteorology, climate science, hydrology or a related discipline.

Work experience: a minimum of 2 years of professional experience in a domain related to the scientific or applied fields defined above.

Languages: Ability to effectively and efficiently work with Microsoft Office applications. Good communication skills. Ability to work efficiently in a multicultural environment.

Other skills: Experience with climate finance and working with development and climate finance institutions, incl. Multilateral Development Banks and climate funds is desired. Experience drafting reports/documents/correspondence, good communication skills, ability to work in a multicultural environment. Experience with data and information processing, visualization and presentation, e.g. InDesign, Illustrator, web development, would be an asset.

V. Background Information

The World Meteorological Organization (WMO)

is a specialized agency of the United Nations (UN) with 191 Member States and Territories. It is the UN system's authoritative voice on the state and behavior of the Earth's atmosphere, its interaction with the land and oceans, the weather and climate it produces and the resulting distribution of water resources.

The mission of WMO is to:

- Facilitate worldwide cooperation in the establishment of networks of stations for the making of meteorological observations as well as hydrological and other geophysical observations related to meteorology, and to promote the establishment and maintenance of centres charged with the provision of meteorological and related services
- Promote the establishment and maintenance of systems for the rapid exchange of meteorological and related information
- Promote standardization of meteorological and related observations and to ensure the uniform publication of observations and statistics
- Further the application of meteorology to aviation, shipping, water problems, agriculture and other human activities
- Promote activities in operational hydrology and to further close cooperation between Meteorological and Hydrological Services
- Encourage research and training in meteorology and, as appropriate, in related fields, and to assist in coordinating the international aspects of such research and training

Sector of Assignment:

WMO Infrastructure Department – supporting the Systematic Observations Financing Facility

The goal of the Systematic Observations Financing Facility (SOFF) is to strengthen local and global resilient development and climate adaptation through improved observing systems leading to better weather forecasts and climate services.

Basic weather observations underpin weather forecasts, early warning systems, and climate information locally and globally. There are currently great gaps in weather observations, especially in Least Developed Countries (LDCs) and Small Island Developing States (SIDS). Investments to substantially increase these observations will bring significant local and global benefits, with an estimated cost-benefit ratio of 1:26.

In 2019, the World Meteorological Congress and its 193 member countries and territories agreed to establish the Global Basic Observing Network (GBON). For the first time, GBON sets out a clear obligation for all World Meteorological Organization (WMO) Members to acquire and internationally exchange the most essential surface-based observational weather data. However, many countries will need substantial investments and strengthened capacity to achieve and maintain compliance with the GBON requirements.

SOFF will support countries to meet their GBON commitments to generate and exchange basic observational weather data, with a focus on LDCs and SIDS. It will also enable these countries to access improved weather forecasts and climate analysis products. These improved forecasts are critical for managing extreme weather events and will benefit all sectors, especially those that rely heavily on weather data, such as agriculture, renewable energy and insurance. In the climate space, improved forecasts will help countries understand the adaptation challenges they will face and to prepare and respond accordingly with proactive, preventive and systematic adaptation action, including better risk management and anticipatory action. In addition to these local and regional benefits, better data from LDCs and SIDS will improve the quality of forecasts globally, especially medium to long-range forecasts, with benefits for all countries, in all sectors.

SOFF will provide technical and financial assistance in new ways – applying internationally agreed metrics to guide investments based on the requirements of the GBON, using data exchange as a measure of success, and creating local benefits while delivering on a global public good.

SOFF is spearheaded by the WMO in collaboration with a wide range of international and national organisations, including the Alliance for Hydromet Development of 13 leading multilateral organizations. The creation of SOFF is a commitment and priority action of the Alliance.

UN competencies:

Professionalism: Conceptual analytical and evaluative skills to conduct independent research and analysis on environment and climate issues, particularly as they relate to business. Shows pride in work and in achievements; is conscientious and efficient in meeting commitments, observing deadlines and achieving results; is motivated by professional rather than personal concerns; Shows persistence when faced with difficult problems or challenges; Remains calm in stressful situations.

Communication: Speaks and writes clearly and effectively; listens to others, correctly interprets messages from others and responds appropriately; asks questions to clarify and exhibits interest in having two-way communication; tailors language, tone, style and format to match audience; demonstrates openness in sharing information and keeping people informed.

Teamwork: Works collaboratively with colleagues to achieve organizational goals; solicits input by genuinely valuing others' ideas and expertise; is willing to learn from others; places team agenda before personal agenda; supports and acts in accordance with final group decision, even when such decisions may not entirely reflect own position; shares credit for team accomplishments and accepts joint responsibility for team shortcomings.

**Bitte senden Sie Ihre JPO-Bewerbung direkt an das Büro
Führungskräfte zu Internationalen Organisationen (BFIO) unter
Angabe der Chiffre Nr. 2022-2-51 auf dem Bewerbungsbogen**

Alle Informationen finden Sie unter www.bfio.de