



**World Meteorological Organization**  
**Organisation météorologique mondiale**

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Weather • Climate • Water  
 Temps • Climat • Eau

**VACANCY NOTICE NO: 2204**  
**DEADLINE FOR APPLICATION: 16 August 2022**

POST	GRADE	DUTY STATION	COMMENCEMENT OF DUTY	NATURE OF APPOINTMENT
Scientific Officer (Modelling)	P4	Geneva, Switzerland	To be determined	Fixed-term - 2 years
<b>ORGANIZATIONAL UNIT</b>			WMO is committed to achieving diversity and a balanced workforce. Applications are welcome from qualified women and men, including those with disabilities. The statutory retirement age after 1 January 2014 is 65. For external applicants, only those who are expected to complete the term of appointment will normally be considered.	
Atmospheric Environment Research (AER) Division Science and Innovation Department				
<b>DUTIES AND RESPONSIBILITIES</b>			<b>QUALIFICATIONS</b>	
<p>Under the supervision of the Director of the Science and Innovation Department, the incumbent will perform the following duties:</p> <p>(a) Keep informed of research developments in, and new requirements for, the modelling and forecasting of the atmospheric chemical composition, including high resolution modelling and digital twins, and the role of atmospheric composition in the development of the Earth Systems models;</p> <p>(b) Support the implementation of the Global Atmosphere Watch (GAW) Programme Implementation Plan and its updates, working closely with the relevant GAW groups and coordinating inputs from the other relevant groups within the Science and Innovation Department;</p> <p>(c) Support activities for the near-real-time provision of data on atmospheric composition to models and data assimilation techniques; support the consideration of the evolving requirements of numerical weather prediction, air quality modeling and forecasting systems and the climate models in GAW and other relevant SI, infrastructure and service programmes and ensure that the necessary linkages are established and maintained;</p> <p>(d) Work closely with the relevant groups of the World Weather Research Programme and World Climate Research Programme in relation to the development of multi scale Earth System models, data assimilation techniques and impact-based forecasting from the atmospheric composition perspective and promote joint activities in this area;</p> <p>(e) Support the development of the emerging atmospheric composition services related to air quality forecasting (including through the Global Air Quality Forecasting and Information System) as well as the activities related to biomass burning smoke forecasting, volcanic ash and Sand and Dust Storm Warning and Advisory System in close cooperation with relevant groups on health, disaster risk reduction and Global Data Processing and Forecasting System under respective Technical Commissions of WMO and relevant partners within the UN System (e.g. World Health Organization and United Nations Environment Programme and UN Coalition on Combating Sand and Dust Storms);</p> <p>(f) Support research activities related to urban meteorology, climate and air quality and provide inputs to, and establish connection with, the other urban related activities in WMO (e.g. for Integrated urban services) and with the activities of the relevant partners (e.g. UN-Habitat, U4SSC, International Association for Urban Climate);</p>			<p><b>Education</b>            Master's degree or equivalent in atmospheric chemistry, physics, geophysics, meteorology, or a closely related field. A Ph.D. in atmospheric sciences or related fields would be an advantage.</p> <p><b>Experience</b>            At least seven years of combined national and international progressively responsible experience in atmospheric composition research, observations and analysis, atmospheric composition modelling and forecasting, high resolution modelling and digital twins, urban air quality observations and modelling, and health applications of air pollution. Solid experience coordinating international scientific/technical activities or projects. Experience organizing meetings as well as writing and revising technical reports.</p> <p><b>Other requirements</b>            Good knowledge of WMO programmatic areas and activities. Proven ability to draft high-quality reports, documents and correspondence. Sense of responsibility, maturity of judgement and initiative as well as excellent interpersonal and communications skills. Excellent knowledge of Microsoft Office and other software/applications. Ability to work in a multicultural environment and to foster diversity and team spirit.</p> <p><b>Languages</b>            Excellent knowledge of English (both oral and written). Knowledge of other official languages of the Organization would be an advantage.</p> <p>(Note: The official languages of the Organization are Arabic, Chinese, English, French, Russian and Spanish.)</p>	

(g) Provide Secretariat support for relevant constituent bodies of WMO and/or Research Board groups and Academic cooperation (e.g. IGAC);

(h) Assist in the organization of appropriate expert meetings, symposia, conferences, training workshops and other activities relevant to GAW;

(i) Prepare relevant correspondence and technical documents;

(j) Carry out other relevant duties as required.

The Secretary-General may appoint a candidate at a grade below the advertised grade of the post, with the possibility of promotion to that grade within three years of appointment, subject to satisfactory appraisal of performance.

Possibility of renewal subject to the availability of funds and pending satisfactory performance after an initial probationary period of one year which can be extended up to a maximum of two years.

#### **SALARY AND ALLOWANCES**

Annual net base salary on initial appointment is: US\$ 75602

Annual post adjustment on initial salary is: US\$ 61238 (in addition to the net base salary)

#### **Additional Information:**

Only applicants in whom WMO has a further interest will be contacted.  
Shortlisted candidates may be required to sit a written assessment and/or an interview.

**Date of issue of vacancy notice: 19 July 2022**