World Meteorological Organization
Organisation météorologique mondiale

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VACANCY NOTICE NO: 2166				
DEADLINE FOR APPLICATION: 29 December 2021				
POST	**GRADE**	**DUTY STATION**	**COMMENCEMENT OF DUTY**	**NATURE OF APPOINTMENT**
Associate Information Technology Officer (OceanOPS)	P2	Brest, France	To be determined	Fixed-term - 2 years

ORGANIZATIONAL UNIT	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.
Earth System Monitoring (ESM) Division, Earth System (ES) Branch Infrastructure Department	

DUTIES AND RESPONSIBILITIES

Under the overall guidance of the Director, Infrastructure Department (D/SI), the general supervision of the Head, Earth System Monitoring Division (H/ESM) and the direct supervision of the OceanOPS Manager, the incumbent will perform the following duties:

(a) Maintain and develop the OceanOPS information system throughout all its components, ensuring continuous improvements, quality and security approach, in a timely responsive manner;

(b) Architecture maintenance and development (servers/software configuration and upgrades including scripts, backend and frontend applications) in close cooperation with the hosting technical team;

(c) Analysis of needs and feasibility: write and validate specifications for developments considering impact, costs and load balancing of work amongst the IT team. Implementation of needs, considering the whole software lifecycle and best practices. Validation of developments, documentation, and versioning updates;

(d) Maintain and develop OceanOPS services ensuring the operational submission of OceanOPS metadata to the Observing Systems Capabilities Analysis and Review tool (OSCAR) system according to the WMO Integrated Global Observing System (WIGOS) metadata standards; participate in relevant WMO task teams;

(e) Propose innovative evolutions of the system, including functionality, robustness, or security; promote technology intelligence and regular interaction with developing communities; develop technical partnerships;

(f) Promote OceanOPS IT services to the international met-ocean community, regular cooperation with the Global Ocean Observing System (GOOS) Networks implementer, parent agencies (WMO, IOC), host agencies (CLS, Ifremer), international initiatives and task teams on marine data and metadata;

(g) Lead and work with the other persons in the IT team of OceanOPS, steering IT-related decisions and establishing work plans to deliver products in a timely manner;

(h) Carry out other relevant duties as required.

QUALIFICATIONS

Education
Master's degree or equivalent in computer science or related field.

Experience
A minimum of three years of combined national and international progressively responsible experience in IT with a high focus on databases, Geographic Information Systems, web development and application programming interface (API).

Other requirements
General knowledge of operating systems, networks, including Windows and Linux. Ability to perform server system maintenance. Strong knowledge of SQL and databases, especially Oracle and PostgreSQL, with a special interest in design and optimisation of data storage and access. Strong GIS skills, including a range of ESRI technologies, OGC standards and theory of mapping is highly desired. Strong skills in programming, Object Oriented, scripting languages,and web development. Good knowledge of software project organization, building and versioning tools. Knowledge of API design, micro services approach, and complex information system integration. Knowledge of metadata standards and representation, including ontologies and linked data. Good communication skills (oral and written) with proven ability to make effective and persuasive oral presentations to both technical and general audiences. Proven ability to work both autonomously and as part of an integrated team with colleagues, staff and stakeholders at all levels, internal and external, including building and maintaining partnerships. Ability to work in a multicultural environment and to foster diversity and team spirit.

Languages
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.)

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$ 48805

Annual post adjustment on initial salary is: US$ 21572 (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: 1 December 2021