

Posting Title : GEOSPATIAL INFORMATION OFFICER, P3
Job Code Title : GEOSPATIAL INFORMATION OFFICER
Department/ Office : Department of Economic and Social Affairs
Location : NEW YORK
Posting Period : 1 November 2024-30 November 2024
Job Opening number : 24-GIM-DESA-243400-R-NEW YORK (E)
Staffing Exercise : N/A

United Nations Core Values: Integrity, Professionalism, Respect for Diversity

Org. Setting and Reporting

This position is located in the Global Geospatial Information Management Section (GGIMS), Environment Statistics and Geospatial Information Branch (ESGIB), Statistics Division (SD), the Department of Economic and Social Affairs (DESA). The Geospatial Information Officer reports to the Senior Statistician in the Global Geospatial Information Management Section. Statistics Division is mandated to provide strategic/policy support to the United Nations Global Geospatial Knowledge and Innovation Centre (UN-GGKIC) in Deqing, China.

The Division compiles and disseminate global statistical information, develop standards and norms for statistical activities, and support countries' efforts to strengthen their national statistical systems. Further information is available on the following website: <https://unstats.un.org>.

The Centre's overarching goal is to work towards the ambitions of implementation of the United Nations Integrated Geospatial Information Framework (UN-IGIF) set by Member States, to develop capacity, promote and support the required innovation, leadership, coordination and standards to develop, strengthen, integrate and deliver national geospatial information policy, data, systems, tools, services and capabilities into their national government development policies, strategies and arrangements.

Responsibilities

Within delegated authority, the Geospatial Information Officer is responsible for the following duties:

- Supports and coordinates the implementation of programmes/projects and activities of the United Nations Global Geospatial Knowledge and Innovation Centre, including capacity

development activities.

- Supports knowledge management including development of visualization, repository and web-presence for effective knowledge management to enhance global geospatial information management arrangements for the benefits of all Member States.
- Provides substantive advice and coordinate monitoring and reporting needs and outputs on the projects and activities of the Centre including guidance and approaches for the implementation of the United Nations Integrated Geospatial Information Framework at the country-level.
- Supports and coordinates substantive activities for the development of geospatial innovation, leadership, coordination, and standards to strengthen, integrate and deliver national geospatial information policy, data, systems, tools, services and capabilities into national government development policies, strategies and arrangements.
- Supports programme/project development, implementation, monitoring and assessment; prepares and reviews relevant documents and reports; contributes to identifying priorities, problems and issues to be addressed.
- Assists and contributes to the technical aspects of geospatial information management tools and resources, and development of innovative approaches to respond to the delivery of the overarching goal of the Centre and organizational needs.
- Identifies appropriate geospatial data sources (including open data and big data) for analytics projects.
- Collaborates with statisticians, data engineers and data scientists to improve data flows, data quality, etc.
- Supports the development of geospatial data collection systems, geospatial data analytics and other strategies that optimize statistical efficiency and quality.
- Performs and documents methods, processes and quality assurances of programmed outputs.
- Identifies, analyzes, and interprets trends or patterns, using basic machine learning techniques, statistical methods to identify relevant features and variables in structured and unstructured sources of information and data.
- Performs and documents methods, processes and quality assurances of programmed outputs. Develops and implements various analysis, reporting and quality control capabilities.
- Creates online databases, dynamic web maps and visualization dashboards.
- Performs other related duties as required.

Competencies

- **Professionalism:** Knowledge of the United Nations Integrated Geospatial Information Framework. Ability to identify issues, formulate options and make conclusions and recommendations on new strategies and technical approaches with respect to integrated geospatial information management development. The ability to analyze and interpret data in support of decision-making and convey resulting information to management. Shows pride in work and in achievements; demonstrates professional competence and mastery of subject matter; 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. Takes responsibility for incorporating gender perspectives and ensuring the equal participation of women and men in all areas of work.

- **Teamwork:** Works collaboratively with colleagues to achieve Secretariat and 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.
- **Technological Awareness:** Keeps abreast of available technology; understands applicability and limitation of technology to the work of the Centre; actively seeks to apply technology to appropriate tasks; shows willingness to learn new technology.

Education

Advanced university degree (Master's degree or equivalent) in geoinformatics (geomatics, surveying and mapping), geospatial information, earth sciences, remote sensing, geography or related geoscience field. A first-level university degree in combination with an additional two years of qualifying experience may be accepted in lieu of the advanced university degree.

Job Specific Qualifications

Work Experience

A minimum of five years of progressively responsible experience in geospatial information management, applied spatial analytics, earth observations, mapping, applications development, data visualization or related area is required.

Experience in utilizing geospatial software (database management, spatial analysis, mapping, web services development or programming languages) is required.

Experience in programmes, projects or initiatives related to geospatial information management at the national level is required.

Experience in knowledge management for national or regional/international geospatial information-related cooperation activities or for geospatial information-related inter-governmental activities is desirable.

Languages

English and French are the working languages of the United Nations Secretariat. For the post advertised, fluency in oral and written English is required. Knowledge of another official United Nations language is an advantage.

Assessment

Evaluation of qualified candidates may include an assessment exercise which may be followed by competency-based interview.

Special Notice

This is a Project-funded post. Appointment or assignment against this position is for an initial period of one year. The appointment or assignment and renewal are subject to the availability of the post or funds, budgetary approval or extension of the mandate.

Pursuant to section 7.11 of ST/AI/2012/2/Rev.1, candidates recruited through the young professionals programme who have not served for a minimum of two years in the position of their initial assignment are not eligible to apply to this position.

The United Nations Secretariat is committed to achieving 50/50 gender balance and geographical diversity in its staff. Female candidates are strongly encouraged to apply for this position.

At the United Nations, the paramount consideration in the recruitment and employment of staff is the necessity of securing the highest standards of efficiency, competence and integrity, with due regard to geographic diversity. All employment decisions are made on the basis of qualifications and organizational needs. The United Nations is committed to creating a diverse and inclusive environment of mutual respect. The United Nations recruits and employs staff regardless of gender identity, sexual orientation, race, religious, cultural and ethnic backgrounds or disabilities.

United Nations Considerations

According to article 101, paragraph 3, of the Charter of the United Nations, the paramount consideration in the employment of the staff is the necessity of securing the highest standards of efficiency, competence, and integrity. Candidates will not be considered for employment with the United Nations if they have committed violations of international human rights law, violations of international humanitarian law, sexual exploitation, sexual abuse, or sexual harassment, or if there are reasonable grounds to believe that they have been involved in the commission of any of these acts. The term "sexual exploitation" means any actual or attempted abuse of a position of vulnerability, differential power, or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another. The term "sexual abuse" means the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions. The term "sexual harassment" means any unwelcome conduct of a sexual nature that might

reasonably be expected or be perceived to cause offence or humiliation, when such conduct interferes with work, is made a condition of employment or creates an intimidating, hostile or offensive work environment, and when the gravity of the conduct warrants the termination of the perpetrator's working relationship. Candidates who have committed crimes other than minor traffic offences may not be considered for employment.

Due regard will be paid to the importance of recruiting the staff on as wide a geographical basis as possible. The United Nations places no restrictions on the eligibility of men and women to participate in any capacity and under conditions of equality in its principal and subsidiary organs. The United Nations Secretariat is a non-smoking environment.

Reasonable accommodation may be provided to applicants with disabilities upon request, to support their participation in the recruitment process.

By accepting a letter of appointment, staff members are subject to the authority of the Secretary-General, who may assign them to any of the activities or offices of the United Nations in accordance with staff regulation 1.2 (c). Further, staff members in the Professional and higher category up to and including the D-2 level and the Field Service category are normally required to move periodically to discharge functions in different duty stations under conditions established in ST/AI/2023/3 on Mobility, as may be amended or revised. This condition of service applies to all position specific job openings and does not apply to temporary positions.

Applicants are urged to carefully follow all instructions available in the online recruitment platform, *inspira*, and to refer to the Applicant Guide by clicking on "Manuals" in the "Help" tile of the *inspira* account-holder homepage.

The evaluation of applicants will be conducted on the basis of the information submitted in the application according to the evaluation criteria of the job opening and the applicable internal legislations of the United Nations including the Charter of the United Nations, resolutions of the General Assembly, the Staff Regulations and Rules, administrative issuances and guidelines. Applicants must provide complete and accurate information pertaining to their personal profile and qualifications according to the instructions provided in *inspira* to be considered for the current job opening. No amendment, addition, deletion, revision or modification shall be made to applications that have been submitted. Candidates under serious consideration for selection will be subject to reference checks to verify the information provided in the application.

Job openings advertised on the Careers Portal will be removed at 11:59 p.m. (New York time) on the deadline date.

No Fee

THE UNITED NATIONS DOES NOT CHARGE A FEE AT ANY STAGE OF THE RECRUITMENT PROCESS (APPLICATION, INTERVIEW MEETING, PROCESSING, OR TRAINING). THE UNITED NATIONS DOES NOT CONCERN ITSELF WITH INFORMATION ON APPLICANTS' BANK ACCOUNTS.

