UN VOLUNTEER DESCRIPTION OF ASSIGNMENT

KOSR000831--Geospatial Developer

The United Nations Volunteers (UNV) programme is the UN organization that promotes volunteerism to support peace and development worldwide. Volunteerism can transform the pace and nature of development and it benefits both society at large and the individual volunteer. UNV contributes to peace and development by advocating for volunteerism globally, encouraging partners to integrate volunteerism into development programming, and mobilizing volunteers. In most cultures volunteerism is deeply embedded in long-established, ancient traditions of sharing and support within the communities. In this context, UN Volunteers take part in various forms of volunteerism and play a role in development and peace together with co-workers, host agencies and local communities. In all assignments, UN Volunteers promote volunteerism through their action and conduct. Engaging in volunteer activity can effectively and positively enrich their understanding of local and social realities, as well as create a bridge between themselves and the people in their host community. This will make the time they spend as UN Volunteers even more rewarding and productive.

General Information

<table>
<thead>
<tr>
<th>Country of Assignment</th>
<th>Kosovo (as per UNSCR 1244)</th>
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<tbody>
<tr>
<td>Host Institute</td>
<td>UN Mission in Kosovo</td>
</tr>
<tr>
<td>Volunteer Category</td>
<td>International Specialist</td>
</tr>
<tr>
<td>Number of Volunteer</td>
<td>1</td>
</tr>
<tr>
<td>Duration</td>
<td>until 30-06-2020</td>
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<tr>
<td>Possibility of Extension</td>
<td>Yes</td>
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<tr>
<td>Expected Starting Date</td>
<td>Immediate</td>
</tr>
<tr>
<td>Duty Station</td>
<td>Pristina [KOS]</td>
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<tr>
<td>Assignment Place</td>
<td>Family Duty Station</td>
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<tr>
<td>Assignment Place Remark</td>
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* References to Kosovo shall be understood to be in the context of Security Council Resolution 1244 (1999).

Living Conditions

- Kosovo is located in the Balkans mountain range of south-eastern Europe. The climate is continental, with warm summers and cold, snowy winters.
- Houses/Apartments are easily available and generally have electricity and running water, although this may not be 24 hours. Costs are reasonable, but vary according to location - i.e. city centre vs. outlying villages. Upon arrival, you will reside in a hotel until you get permanent housing. The UNV Field Unit can assist in identify suitable housing.
- There are no specific health problems associated with Kosovo, and no vaccines are required prior to arrival.
- Air pollution indexes are high during the winter period and may pose a threat to particularly sensitive groups. UNMIK offices are equipped with air filters.
- UNMIK provides contracted medical service to its staff should anyone fall ill.
- Foods and dietary needs of all kinds are available in the many supermarkets. There are market places that cater fruits and vegetables, and bakeries offer some exquisite pastries and breads. Fresh fish and meat are also easily available.
Assignment Details

Assignment Title: Geospatial Developer

Organizational Context & Project Description

The primary and overarching objective of UNMIK has been the promotion of security, stability and respect for human rights in Kosovo through engagement with all communities in Kosovo, as well as with regional and international actors, including EULEX and OSCE. The UN Volunteers programme in Kosovo is one of the largest contingents of UN Volunteers within the Europe and the Commonwealth of Independent States (ECIS) portfolio with 77 UN Volunteers being deployed in 2018, including 24 with UNMIK. The main role of the UN Volunteers in Kosovo is to mobilize UN Volunteers in support of UNMIK’s operations and the UN Kosovo Team’s (UNKT) programmes and projects, as well as to promote volunteers and volunteerism as a major form of civic engagement and community development.

Sustainable Development Goals

16. Peace, Justice and Strong Institutions

Task description

The Geospatial Developer will have reporting lines to the Chief Operations Management Unit and to the Chief Field Technology Section, and will undertake the following tasks:

- The focus of this job is to provide strategic analytical capacity with respect to satellite imagery intelligence, development of common as well as mission operational layers and base map web services;
- In cooperation with other GIS Specialists and analysts, he/she will coordinate and consolidate customers’ expectations, contribute to the establishment of priorities, and evaluate task and execute requests. He/she also guides support staff in identifying the technical specifications associated with the imagery acquisition process, the pre-processing of supporting geospatial data, and the research and collection of open source information;
- Experienced in the processing and analysis of multi-sensor satellite imagery;
- Coordinate the integration of open source, mission-specific and other collateral information into the imagery analysis process;
- Produce Geographic Information System (GIS) data, responsible for the management of spatial data within GIS systems;
- Supporting the operating of the mission’s intranet map server and its associated web map services and portal;
- Conduct analysis on multi-sensor data, focused on high-resolution panchromatic and multispectral imagery;
- Guide support staff in the image collection/processing and open source data compilation processes;
- Developing and disseminating geospatial products, the incumbent is required to build partnerships with the staff of aforesaid sections as well as the UNGSC GIS team. The incumbent will also develop
and maintain relationships with external vendors, commercial firms, academia, consultants and researchers in order to communicate requirements of the imagery analysis process;
- Test and implement specialized techniques and provide expertise in geodatabase design and operational data standardization;
- Contribute to the development of standard operating procedures for imagery analysis and / or development of operational base map web services;
- Integrate new methods and analytical techniques and present them in internal workshops, conferences, and training courses;
- Present analytical findings within the mission, as requested;
- Assisting in providing technical support including software; hardware; and geographic information systems support; GPS data collection, data entry and analysis in excel, access and SQL;
- Archiving mission geographic data and maintaining the mission’s geo-database system using SQL for SQL Server;
- Populating the GIS data repository and implementing appropriate data security and access controls;
- Handling map requests from iNeed or manual map requests;
- Printing maps and take necessary actions for using plotters and maintenance if needed;
- Assisting the FTS in software and hardware procurement, and budgetary matters;
- Performing other related duties as assigned.

Furthermore, UN Volunteers are required to:- Strengthen their knowledge and understanding of the concept of volunteerism by reading relevant UNV and external publications and take active part in UNV activities (for instance in events that mark International Volunteer Day)- Be acquainted with and build on traditional and/or local forms of volunteerism in the host country- Provide annual and end of assignment reports on UN Volunteer actions, results and opportunities using UNV’s Volunteer Reporting Application- Contribute articles/write-ups on field experiences and submit them for UNV publications/websites, newsletters, press releases, etc.- Assist with the UNV Buddy Programme for newly-arrived UN Volunteers- Promote or advise local groups in the use of online volunteering, or encourage relevant local individuals and organizations to use the UNV Online Volunteering service whenever technically possible.

Results/Expected Outputs

- Software/hardware installation, configuration, maintenance and troubleshooting undertaken;
- Maintained GIS data and backup library;
- Developed GIS application products required for UNMIK

- The development of capacity through coaching, mentoring and formal on-the-job training, when working with (including supervising) national staff or (non-) governmental counter-parts, including Implementing Partners (IPs);
- Age, Gender and Diversity (AGD) perspective is systematically applied, integrated and documented in all activities throughout the assignment
- A final statement of achievements towards volunteerism for peace and development during the assignment, such as reporting on the number of volunteers mobilized, activities participated in and capacities developed
Qualifications/Requirements

Required Degree Level  Secondary education

Education - Additional Comments

- Completion of secondary education; supplemental courses and technical certification in electronic telecommunications or another related field
- Bachelor or Masters’ Degree in the field of GIS, Mapping, Geography, Engineering or equivalent which involves GIS and a strong background in the field of Information Technology (IT); ITIL Foundation and COMPTIA Security Plus certifications are highly desirable.

Required experience  48 months

Experience Remark

- A minimum of 4 years’ experience working in the areas of image analysis, Geographical Information Systems (GIS), Global Position System (GPS), and Plotter.
- Skills in packaging business intelligence reports is desirable.

Language
- English (Mandatory), Level - Fluent

Area of Expertise
- Geographic information systems (GIS) and remote sensing Mandatory

Area of Expertise Requirement

- **Technical Knowledge:** Good knowledge and understanding of the geospatial technology is required. Knowledge and skills in systems analysis and support, technical writing, etc. Experience across a broad range of hardware and software platforms, experience in utilizing UN Office automation tools or enterprise systems is highly desirable related to GIS.

- **Specific technology:**

  Must have extensive knowledge on supporting and troubleshooting techniques of geospatial applications in an enterprise setting.

  Must have a good working knowledge of at least one Customer Relationship Management software.

Need Driving Licence  Yes

Competencies & Values

- Communication
- Planning and Organizing
- Professionalism
- Technological Awareness

We are inspiration in action
Conditions of Service and other information

Condition of Service
Application Code KOSR000831-5742
Application procedure

* Not yet registered in the UNV Talent Pool?

Please first register your profile at https://vmam.unv.org/candidate/signup. Important: After creating your account, complete all sections of your profile and submit it. Then go to ‘My Page’ at https://vmam.unv.org/candidate/mypage and click on the ‘Special Calls’ hyperlink. Lastly, select the special call to which you would like to apply.

* Already registered in the UNV Talent Pool?

Please first update your profile at https://vmam.unv.org/candidate/profile. Then go to ‘My Page’ at https://vmam.unv.org/candidate/mypage and click on the ‘Special Calls’ hyperlink to select the special call to which you would like to apply.

Application deadline: 28-11-2019

doa.apply_url https://vmam.unv.org//candidate/show-doa/S09TUjAwMDgzMQ==

Disclaimer
United Nations Volunteers is an equal opportunity programme which welcomes applications from qualified professionals. We are committed to achieving diversity in terms of gender, nationality and culture.