UN VOLUNTEER DESCRIPTION OF ASSIGNMENT

USAR000057--GIS Specialist


Informations générales

<table>
<thead>
<tr>
<th>Pays d’Affectation</th>
<th>United States of America</th>
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<tbody>
<tr>
<td>Agence/Institution hôte</td>
<td>United Nations Development Programme</td>
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<tr>
<td>Catégorie de volontaire</td>
<td>International Specialist</td>
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<tr>
<td>Nombre de Volontaires</td>
<td>1</td>
</tr>
<tr>
<td>Durée</td>
<td>12 mois</td>
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<tr>
<td>Date présumée du début</td>
<td>Immédiate</td>
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<tr>
<td>Lieu d’Affectation</td>
<td>New York [USA]</td>
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<td>Lieu d’Affectation avec Famille</td>
<td>Visibility of achievement is still a concern for some UNDP country offices and their partners. Therefore, UNDP is recognizing the need to enhance the transparency of projects’ results and of their impact. The enhanced transparency will improve projects’ monitoring and reporting to donors and all stakeholders. Although communication, monitoring and reporting teams have managed to provide timely, accurate and updated facts, security and access are inevitable constraints that still limit their expectations.</td>
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The Geo-localized maps with Satellite Images analysis will allow monitoring projects, measuring impacts.
and communicating results in a more visual manner. It covers a wider area with less effort, and can reach areas that involves cumbersome travel.

The objective of this project is the implementation of a satellite imagery analysis through a GIS platform. This solution should assist in enhancing overall UNDP’s planning and coordination, field monitoring, communication and donor mobilization.

The first phase will focus on communicating and monitoring UNDP’s results on the reconstruction of public infrastructures. Next phases would integrate other socio-economic and environmental changes that could be visually captured resulting on UNDP and partners’ interventions on the field.

**Conditions de vie**

*The UN Volunteer will reside in New York, which is a family duty station. It is a dynamic city with access to a range of public transport, infrastructure, accommodation, and cultural activities.*

*The cost of living is high. As is the case for UN staff and partners, the volunteer will make their own arrangements for housing and transportation to and from work.*

*The average monthly Volunteer Living Allowance (VLA) for a Specialist UN Volunteer in the United States in 2018 was $3,476 per month (those with dependents will receive more). The average monthly Volunteer Living Allowance (VLA) for a UN Youth Volunteer in the United States in 2018 was $2,782 per month.*

*These amounts include a 30 per cent accommodation supplement to offset the high accommodation costs in New York duty station. Candidates are encouraged to consider this when applying.*

**Détails sur l'Affectation**

<table>
<thead>
<tr>
<th>Titre de l'Affectation</th>
<th>GIS Specialist</th>
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<tr>
<td>Contexte organisationnel &amp; description du projet</td>
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UNDP works in nearly 170 countries and territories, helping to achieve the eradication of poverty, and the reduction of inequalities and exclusion. UNDP helps countries to develop policies, leadership skills, partnering abilities, institutional capabilities and build resilience in order to sustain development results.
This is a critical time for the world. At UNDP, this period is seen as a huge opportunity to advance the global sustainable development agenda. Last year, world leaders adopted the 2030 Agenda for Sustainable Development to continue the work of the Millennium Development Goals. UNDP is working to strengthen new frameworks for development, disaster risk reduction and climate change.

UNDP supports countries’ efforts to achieve the new Sustainable Development Goals, or Global Goals, which will guide global development priorities for the next 15 years. UNDP focuses on helping countries build and share solutions in three main areas: Sustainable development Democratic governance and peacebuilding Climate and disaster resilience.

In all of its activities, UNDP encourages the protection of human rights and the empowerment of women, minorities and the poorest and most vulnerable. The annual Human Development Report, commissioned by UNDP, focuses the global debate on key development issues, providing new measurement tools, innovative analysis and often controversial policy proposals. The global Report's analytical framework and inclusive approach carry over into regional, national and local Human Development Reports, also supported by UNDP.

Objectifs de développement
durable

15. Life on Land

Description de l'action

Information gathering:

- Meet with users to define data needs, project requirements and required outputs;
- Conduct research to locate and obtain information related to specific projects;
- Collect Projects’ geo-localized information such as photos, videos, projects’ statistics, projects’ documents and evaluation materials, and any other archives related to a better understanding of the project’s progress, achievements, and impact on communities;
- Gather, analyze, and integrate spatial data from staff and determine how best the information can be displayed using GIS;
- Prepare metadata and other documentation needed;
- Analyze UNDP’s projects impact on the local communities and build a scenario of possible enhancement;
- Analyze spatial data for geographic statistics to incorporate into documents and reports.

Impact analysis:

- Work with raw satellite imageries and process them to be used in a GIS system;
- Build required layers in GIS system (ArcGIS) that will show the full required satellite imagery analysis;
- Analyze spatial data for geographic statistics to incorporate into documents and reports.
Server installation configuration

- Manage and install Image Server and Esri Enterprise Server
- Manage and configure GIS database
- Knowledge on working with Microsoft Azure and Azure virtual machine

**Training and communication:**

- Organize and conduct training (hands-on either remotely or in person)
- Organize and conduct webinars
- Present information to users;
- Frequently communicate information with UNDP country offices, UNDP Regional Bureaux, and UNDP Office of Information Management and Technology (OIMT) team;

En plus de ce qui précède, les Volontaires des Nations Unies sont censés :

- Renforcer leurs connaissances et compréhension du concept du volontariat en lisant la documentation mise à disposition par le programme VNU, les publications externes et prendre activement part aux activités du programme VNU, par exemple s’impliquer dans les activités commémoratives de la Journée internationale des Volontaires (JIV), le 5 décembre.
- Se familiariser et développer toute forme de volontariat traditionnel et/ou local au niveau du pays d’accueil.
- Réfléter le type et la nature des actions volontaires qu’ils entreprennent, y compris leur participation dans les réflexions substantielles.
- Contribuer à la rédaction des articles sur les expériences de terrain à soumettre pour la publication du programme VNU/ site web, bulletin et notes de presse, etc.
- Contribuer au Programme d’accueil des Volontaires des Nations Unies nouvellement arrivés dans le pays d’affectation ;
- Promouvoir ou conseiller les groupes locaux dans l’utilisation des volontaires en ligne ou encourager les individus et les organisations à utiliser les services de volontaires en ligne quand cela est techniquement possible.

Résultats / résultats attendus

Efficient, timely, responsive, client-friendly and high-quality GIS services rendered to UNDP-OIMT, with the main foundational deliverable being a standardized platform with layered maps, and the maps being compiled of 3 main layers:

- Analyzed satellite imageries layer;
- UNDP geo-localized projects’ information and statistics;
- Geo-localized content layer (multimedia such as photos and videos taken through crowdsourcing from the ground).

The candidate should be able to configure the GIS server (image server and enterprise server on Azure) as well as analyze the satellite imagery and the geo-localized data. The candidate should organize, and conduct user trainings based on user needs and demand.

- 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 / Exigences

Domaine de qualification
Master degree or equivalent

Niveau de qualifications - autres commentaires

Master’s degree in geography, computer science, earth science, or related field, with 2 years’ experience; bachelor’s level
degree in geography, computer science, earth science or related fields, with 4 years’ experience.

Project Management certification – PRINCE 2 is an asset

Expérience Requise
24 mois

Remarques sur l’Expérience
Minimum 2 to 4 years’ experience in geo-localized statistics, geographic information systems, and projects’ information gathering and analysis;

Linguistiques
• English (Mandatory) , Niveau - Fluent

Domaine d’expertise
• Geographic information systems (GIS) and remote sensing Optionnel

Domaine d'expertise requis

• Experience of GIS systems and tools such as ArcGIS online and Pro, ArcGIS extensions and QGIS;
• Experience in Satellite Imagery processing and mosaic;
• Experience in Esri Image Server and Esri Enterprise Server
• Experience in MS Azure

Permis de Conduire exigé
Non

Conditions de service et autres informations

Click here to view Conditions of Service

The United Nations Volunteers (UNV) programme is administered by the United Nations Development Programme (UNDP).
Conditions of Service for International Specialist:

The contract lasts for the period indicated above with possibility of extensions subject to availability of funding, operational necessity and satisfactory performance. However, there is no expectation of renewal of the assignment.

A UN Volunteer receives a Volunteer Living Allowance (VLA) which is composed of the Monthly Living Allowance (MLA) and a Family Allowance (FA) for those with dependents (maximum three).

The Volunteer Living Allowance (VLA) is paid at the end of each month to cover housing, utilities, transportation, communications and other basic needs. The VLA can be computed by applying the Post-Adjustment Multiplier (PAM) to the VLA base rate of US$ 1,651. The VLA base rate is a global rate across the world, while the PAM is duty station/country-specific and fluctuates on a monthly basis according to the cost of living. This method ensures that international UN Volunteers have comparable purchasing power at all duty stations irrespective of varying costs of living. The PAM is established by the International Civil Service Commission (ICSC) and is published at the beginning of every month on the ICSC website http://icsc.un.org.

For UN Volunteer entitlements, kindly refer to the link https://vmam.unv.org/calculator/entitlements

In non-family duty stations that belong to hardship categories D or E, as classified by the ICSC, international UN Volunteers receive a Well-Being Differential (WBD) on a monthly basis.

Furthermore, UN Volunteers are provided a settling-in-grant (SIG) at the start of the assignment (if the volunteer did not reside in the duty station for at least 6 months prior to taking up the assignment) and in the event of a permanent reassignment to another duty station.

UNV provides life, health, permanent disability insurances as well as assignment travel, annual leave, full integration in the UN security framework (including residential security reimbursements).

UN Volunteers are paid Daily Subsistence Allowance at the UN rate for official travels, flight tickets for periodic home visit and for the final repatriation travel (if applicable). Resettlement allowance is paid for satisfactory service at the end of the assignment.

UNV will provide, together with the offer of assignment, a copy of the Conditions of Service, including Code of conduct, to the successful candidate.
Supervision, induction and duty of care of UN Volunteers

UN Volunteers should be provided equal duty of care as extended to all host entity personnel. Host entity support to the UN Volunteer includes, but is not limited to:

- Introductory briefings about the organisation and office-related context including security, emergency procedures, good cultural practice and orientation to the local environment;

- Support with arrival administration including setting-up of bank accounts, residence permit applications and completion of other official processes as required by the host government or host entity;

- Structured guidance, mentoring and coaching by a supervisor including a clear workplan and performance appraisal;

- Access to office space, equipment, IT support and any other systems and tools required to complete the objectives of the assignment including a host entity email address;

- Access to shared host entity corporate knowledge, training and learning;

- Inclusion of the volunteer in emergency procedures such as evacuations;

- Leave management;

- DSA for official travel, when applicable;

- All changes in the Description of Assignment occurring between recruitment and arrival or during the assignment need to be formalized with the United Nations Volunteer Programme.

Code d'application USAR000057-6551

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: 24 March 2020

Avertissement

Le programme VNU est un programme qui promeut l'égalité des chances et encourage les candidatures de professionnels qualifiés. Le Programme VNU s'engage à assurer la diversité en termes de genre, de nationalités et de cultures.

https://vmam.unv.org//candidate/show-doa/VVNBUjAwMDA1Nw==