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**Remarque sur le lieu d’affectation**

This assignment is for GIS/geospatial Specialist who will be part of the Data Analysis Unit within the Knowledge Hub of the UNDP

**Conditions de vie**

**Abuja** is the capital city of [Nigeria](https://en.wikipedia.org/wiki/Abuja) located in the centre of the country within the **Federal Capital Territory** (FCT). It is a **planned city** and was built mainly in the 1980s, replacing the country's most populous city of **Lagos** as the capital on 12 December 1991. As of 2015, the city is experiencing an annual growth of at least 35%, retaining its position as the fastest-growing city on the African continent and one of the fastest-growing in the world.

The city can be accessed by Air, Road or Rail. Abuja is housed by many expatriate and diplomatic communities. Cost of living in Abuja varies but could be termed as high considering the class of people residing in the city. Terrorism is the main threat in the Abuja. General crime is also prevalent. UN staff members are advised to stay only in UNDSS assessed hotels and residential areas.

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**Pays d'Affectation**

**Nigeria**

**Agence/Institution hôte**

United Nations Development Programme

**Catégorie de volontaire**

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**28 Feb 2020**

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**We are inspiration in action**

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The United Nations Volunteers (UNV) programme is administered by the United Nations Development Programme (UNDP).
UN VOLUNTEERS

Détails sur l'Affectation

Titre de l'Affectation
GIS Specialist

Contexte organisationnel & description du projet

UNDP Nigeria has established a Knowledge Hub to enhance its ability to make timely and evidence-based interventions, particularly in areas of Preventing and Responding to Violent Extremism, conflict prevention and human security. A new type of ‘development intelligence gathering’, i.e. continuous monitoring and data collection, is crucial to inform UNDP’s work for early warning, adjust interventions to maximize preventive efforts and initiate new thematic approaches. Trend analyses and ad-hoc policy briefs will also inform interventions of UNDP’s development partners in this field. Through harnessing the potential offered by both old and new sources of data, it is UNDP’s hope that the accuracy and precision of its development responses are increased and a strong foundation for meaningful public policy making, efficient resource allocation and effective public service delivery is created. The ultimate objective of the Knowledge Hub is to harness data, including real time data, for development through providing evidence-based intelligence that can be translated to meaningful policies and planning for development impact.

Reporting to the UNDP Nigeria RR’s Office, the Knowledge Hub will consist of three complementary Units that work in mutual complementarity, cross-pollination and strong collaboration, which is required because of the highly specialized individual expertise in each of the units.

1. Data Analysis Unit, which will focus on collection of primary data, establishment and maintenance of a database of ‘development intelligence’, the analysis of the data collected as well reporting of the results. This unit will include five data analysts specializing in the following areas; big data, GIS/geospatial analysis, visualisation, survey methodology and econometrics/social sciences.

2. Reporting & Programming Unit, which will produce reports and tools using primary data collected into ongoing and future programming of the entire UN Country Team in the domains of PVE, conflict prevention and human security.

3. Partnerships Unit, which will manage strategic partnerships with third party (local) researchers throughout Nigeria, as well as with local and international (academic) institutions for quality assurance of the knowledge products.

Objectifs de développement

17. Partnerships For the Goals

durable

Description de l'action

Within the delegated authority and under the direct supervision of the KNOWLEDGE HUB COORDINATOR the UN Volunteer GIS SPECIALIST will:

- Be responsible for planning, operating, developing and implementing all spatial analysis and mapping related initiatives (and components of initiatives) that the Knowledge Hub undertakes;
- Take active part in processes to identify and procure satellite images; imagery download, processing,
and remote sensing and/or geospatial data analysis in conflict prone areas as well as for initiatives such as the Lake Chad Regional Stabilisation (Nigeria Window) Project aiming at identification of population movement and settlements patterns in Lake Chad region;

- Provide accurate and timely cartographic and geospatial data analysis including through working with Spatial Big Data;
- Produce high quality maps, analytical reports, geospatial data and web services, delivered according to schedule and deadlines;
- Undertake GIS mapping and remote sensing related work (including the collection, analysis and interpretation of) in Nigeria, including in remote areas where UNDP Nigeria operates;
- Create a mapping system of UNDP operations and activities in the country;
- Compile geographic data from a variety of sources including census, field observation, satellite imagery, aerial photographs, and existing maps;
- Undertake extensive stocktaking of different types of spatial data available for Nigeria from different databases including various UN agencies, Government Ministries, national and international institutions and organisations and identify gaps where they exist and where the Knowledge Hub can leverage its collective expertise to contribute to filling the gaps. The Specialist will propose methodologies/strategies, including through use of Spatial Big Data, on how to fill the relevant gaps as they relate to UNDP’s mandate and the Knowledge Hub’s areas of work and intervention. The Specialist will also work in collaboration with the team to ensure that new data collected are updated and stored in the Knowledge Hub’s database.
- Support the development of new projects and initiatives that leverages the expertise within the Knowledge Hub as well as the UNCT team to contribute to evidence-based delivery of UNDP Nigeria’s mandate;
- Support with other tasks as requested by the Knowledge Hub Coordinator.

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. • Refléter 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

• As an active UNDP team member, efficient, timely, responsive, client-friendly and high-quality support rendered to UNDP and its beneficiaries in the accomplishment of her/his functions, including:
• Compile, analyse and manage storage and updating of spatial datasets in the Knowledge Hub database. Add to the database through collection of new primary datasets;
• Accurate analysis and professionalism in identification, preparation, and analysis of imagery and geospatial data;
• High quality maps, analytical reports, geospatial data and web services, delivered according to schedule and deadlines;
• Development of methodology for spatial analysis including remote analysis of satellite imagery;
• Effective and professional participation in teamwork and interaction with colleagues.

Qualifications / Exigences

Domaine de qualification
- Master degree or equivalent

Niveau de qualifications - autres commentaires
- Advanced degree (Master’s or equivalent) in Geography or a related field

Expérience Requise
- 48 mois

Remarques sur l’Expérience
- At least 4-5 years of professional work experience at the national and/or international level in spatial statistics and analysis, GIS and remote sensing. Experience with data analysis in applied social sciences, humanitarian and development work is an asset, as is experience working in the UN or other international development organization;

Linguistiques
- English (Mandatory), Niveau - Fluent

Domaine d’expertise
- Geographic information systems (GIS) and remote sensing Obligatoire

Domaine d’expertise requis
- Permis de Conduire exigé: Non

Compétencies et Valeurs
- Accountability
- Adaptability and Flexibility
- Commitment to Continuous Learning
Conditions de service et autres informations

Conditions de service

Click here to view Conditions of Service

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$ 1,631. 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**

NGAR000106-6461

**Application procedure**

* Not yet registered in the UNV Talent Pool?

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?

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: 15 March 2020**

doa.apply_url

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

**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.