

## Job description

### REACH GIS OFFICER IN AFGHANISTAN

(Reference: 19/AFG/GISO01)

#### BACKGROUND ON IMPACT AND REACH

REACH was born in 2010 as a joint initiative of two International NGOs ([IMPACT Initiatives](#) and [ACTED](#)) and the United Nations Operational Satellite Applications Programme ([UNOSAT](#)). REACH's **purpose** is to promote and facilitate the development of information products that enhance the humanitarian community's decision making and planning capacity for emergency, reconstruction and development contexts. REACH facilitates information management for aid actors through three complementary services: (a) need and situation assessments facilitated by REACH teams; (b) situation analysis using satellite imagery; (c) provision of related database and (web)-mapping facilities and expertise.

IMPACT Initiatives is a humanitarian NGO, based in Geneva, Switzerland. The organisation manages several initiatives, including the REACH Initiative. The IMPACT team comprises specialists in data collection, management and analysis and GIS. IMPACT was launched at the initiative of ACTED, an international NGO whose headquarter is based in Paris and is present in thirty countries. The two organizations have a strong complementarity formalized in a global partnership, enabling IMPACT to benefit from ACTED's operational support on its fields of intervention.

**We are currently looking for a REACH GIS Officer to support our REACH team in Afghanistan.**

**Department:** REACH  
**Position:** REACH GIS Officer  
**Contract duration:** 6 months  
**Location:** Kabul, Afghanistan (with regular travel to Mazar-e-Sharif, Afghanistan)  
**Starting Date:** ASAP

#### COUNTRY PROFILE

REACH has been present in Afghanistan since mid-2016, providing a growing evidence base for humanitarian response planning through sectoral, multi-sectoral, and area-based assessments as well as information management services. In 2018, REACH coordinated the Whole of Afghanistan Assessment, the main data source of the 2019 Humanitarian Needs Overview (HNO), covering all 34 provinces, including hard-to-reach districts, in coordination with every Cluster.

With bases in all regions of Afghanistan, REACH is looking to build on its experience and established relations to further increase its geographic and sectoral coverage in 2019 and to provide the humanitarian community with relevant and reliable information to strengthen strategic programming and needs-based targeting.

## POSITION PROFILE

IMPACT is seeking a versatile candidate, who has considerable experience analysing complex datasets with R and in the conception and production of GIS products, including maps and factsheets. The GIS Officer will be heading the IMPACT GIS and Data Analysis unit in Afghanistan and in this role provide GIS and technical analysis support across all IMPACT research cycles in Afghanistan. The GIS Officer's tasks will require a high level of autonomy and ability to liaise with several Assessment Officers and delegate tasks within the GIS and Data Analysis unit effectively.

## FUNCTIONS

Under the supervision of the Country Focal Point in Afghanistan and of IMPACT's HQ in Geneva, the REACH GIS Officer will fulfill the following functions:

### 1. Data Management and Analysis Activities

#### 1.1. Data cleaning, management, and merging

- Manage quantitative and qualitative data received from the assessment team;
- Maintain, update and expand R-based system of data management and analysis for data dissemination and reporting;
- Maintain, update and expand R system from automated data analysis and map production for factsheets.

#### 1.2. Supervision and monitoring of remote data collection

- Monitor accuracy of data collected;
- Cross check data collected in the field, ensure regular updates and solve eventual discrepancies;
- Manage, update, and deploy questionnaires.

### 2. GIS Activities

- Identify map information needs;
- Identify and access map information sources;
- Ensure accurate linkages between spatial databases and assessment data;
- Production of GIS products including maps and factsheets.
- Ensure the produced maps meet the requirements of REACH and concerned partners.

### 3. Technical Support

The REACH GIS Officer will contribute towards the identification and implementation of effective and adapted technical solutions for assessments and projects for REACH Afghanistan. The REACH GIS Officer will provide technical support assessments and analysis for REACH Afghanistan. These responsibilities will include creation and management of data collection tools, training on data cleaning and management techniques, support for data analysis, and ad hoc mapping support upon request.

### 4. Staff Management

The REACH GIS Officer will be responsible for day-to-day management of the GIS and Data Unit staff both directly and remotely. He/she is expected to guide and direct REACH staff and prepare and follow up work plans with each staff member that directly reports to him/her. The REACH GIS Officer will be required to take the lead in the recruitment of GIS and Data Base staff in coordination with the ACTED HR Officer. This will include the preparation of ToRs, observation of recruitment procedures by planning recruitment needs in advance, and undertake interviews.

## 5. Internal and External Coordination

The REACH GIS Officer will liaise with IMPACT in Geneva to guarantee a quality product that suits the needs of the field office. He/she will respond to information requests from IMPACT Initiatives and keep Geneva informed of the MIS activities in the field. Externally, the GIS Officer will be expected to liaise with national and international partners, notably IM focal points in NGOs, UN agencies, and Clusters.

### Confidentiality

The REACH GIS Officer will maintain the strictest confidentiality on all data collected and related processes. He/she will actively take measures to prevent the unauthorized sharing of any information and data belonging to IMPACT and its partners, or collected during his/her assignment with IMPACT.

### REQUIREMENTS

- Master degree in Geography/GIS or a related discipline;
- 2 years of experience in GIS / Database management, preferably in humanitarian context;
- Considerable experience analysing complex data with R; knowledge of other statistical programming languages and packages a plus;
- Previous experience with mobile data collection (ODK, ONA, KOBO);
- Knowledge of Adobe Illustrator and InDesign;
- Good team management skills;
- Excellent communication skills for internal and external coordination;
- Ability to operate in a cross-cultural environment requiring flexibility;
- Ability to operate in a complex and challenging security environment;
- Fluency in English required;
- Ability to work independently.

### DESIRABLE

- Knowledge of JavaScript and related libraries (D3, Leaflet) for development of interactive webmaps and dashboards;
- Knowledge of qualitative analysis and related analytical software (e.g. NVivo).

### CONDITIONS

- Salary defined by the IMPACT salary grid; educational level, expertise, hardship, security, and performance are considered for pay bonus
- Additional monthly living allowance provided in country by IMPACT's partner ACTED
- Food and lodging provided at the organisation's guesthouse/or housing allowance (depending on contract length and country of assignment)
- Transportation costs covered, including additional return ticket + luggage allowance
- Provision of medical, life, and repatriation insurance + retirement package

For more information, visit us at <http://www.impact-initiatives.org>