

Job description

REACH GIS INTERN IN SYRIA (AMMAN JORDAN BASED)

(Reference: 19/SYR/GISI01)

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 Intern to support our REACH Syria team.

Position: REACH GIS Intern

Contract duration: 6 months

Location: Amman, Jordan

Starting Date: ASAP

COUNTRY PROFILE

Over the last five years, REACH has gained expertise working in the context of the Syrian crisis, with a knowledge of humanitarian consequences of the crisis in neighboring countries as well as of the challenges of research and information management inside Syria. The whole of Syria (WoS) architecture was set up in 2014 to foster and promote a better understanding of humanitarian needs and gaps in an effort to inform an improved collective response throughout Syria. REACH have been engaging with this process extensively, working closely with OCHA regional office, with hub and WoS cluster and working group leads, as well as with partners more directly, creating a strong understanding of information needs and priorities.

REACH staff in the Syria mission work on several projects including; Market Monitoring in support of the Cash Based Response Technical Working Group (CBR-TWG), monitoring IDP and Returnee movements and trends, conduct area specific based assessments in Ar-Raqqa and Deir-ez-Zor, support on sector specific as well as multi-sectoral needs assessments, camp profiling and infrastructure mapping, as well as provide a Humanitarian Situation Overview for Syria (HSOS) on a monthly basis.

POSITION PROFILE

FUNCTIONS

The REACH GIS Intern will be responsible for:

- A. Supporting the GIS Officer and Assessment team in maintaining and updating the country databases
- B. Assisting in project-level mapping and geospatial analysis and trends
- C. Increasing the project's capacity of GIS and data management procedures

A. Supporting the GIS Officer and Assessment team in maintaining and updating country database

- Support the development and maintenance of our HSOS and Market Monitoring databases, geospatial analysis and trends, and map outputs.
- Monitor the accuracy of collected data; verify and update data as required
- Assist in running and updating automation tools for data cleaning and quality assurance of data after submission by field teams
- Ensure data management guidelines, tools and procedures are adhered to
- Respond to information requests from management and partners

B. Assisting in project-level mapping and GIS activities

- Assist in timely REACH deliverables utilizing UNOSAT imagery and analysis in support to the CCCM Cluster
- Contribute to the Whole of Syria OCHA Information Management Working Group (IMWG) for community database development.
- Create standalone maps and maps for use in published outputs - factsheets, reports, profiles etc
- Solicit information from partner organisations to strengthen the project's spatial and non-spatial data

C. Increasing the project's GIS capacity and data management procedures

- Develop interesting web-based mapping/visualisation tools and dashboards
- Design and create tools to improve data cleaning and analysis

REQUIREMENTS

- ❖ Excellent academic qualifications, including a Master degree in GIS, Information Systems, or relevant discipline;
- ❖ Proven experience with industry standard mapping tools, especially ESRI products;
- ❖ Experience in data processing and/or analysis (using either Python or R preferably);
- ❖ Advanced MS Excel skills (Advanced usage of formulas, Pivot tables, Lookup functions);
- ❖ Excellent analytical and problem solving skills;
- ❖ Excellent communication and drafting skills for effective reporting;
- ❖ Excellent team working skills;
- ❖ Good organizational, communication and interpersonal skills;
- ❖ Ability to operate in a cross-cultural environment requiring flexibility;

- ❖ Prior knowledge of the region an asset;
- ❖ Fluency in English required;
- ❖ Ability to think creatively in terms of tool and process development.

DESIRABLE

- ❖ An interest in web visualisation tools (such as D3.js, Leaflet, JavaScript, HTML, etc);
- ❖ Experience in database management systems (such as PostgreSQL, or SQL Server).

CONDITIONS

- ❖ 300 USD per month living allowance
- ❖ Coverage of all accommodation, food and travel costs, including return ticket and a luggage allowance of 50kg
- ❖ The provision of medical, repatriation and life insurance.