

REACH GIS INTERN – ALL LOCATIONS

Position: REACH GIS Intern
Contract duration: 6 months
Location: All locations
Starting Date: ASAP

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 Institute for Training and Research (UNITAR) 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, supporting and working within the framework of the humanitarian reform process. 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, GIS and remote-sensing. 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, which allows particularly IMPACT to benefit from ACTED's operational support on its fields of intervention.

FUNCTIONS

Under the supervision of the GIS Officer and Senior Assessment Officer, the REACH GIS Intern will be responsible for:

- A. Supporting the GIS Officer and Assessment team in maintaining and updating the country database
 - B. Assisting in project-level mapping and GIS activities
 - 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
 - Consolidate data from data collection teams
 - Monitor the accuracy of collected data; verify and update data as required
 - 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
 - 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

Field intern benefits include:

- 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.

HOW TO APPLY

Please send, in English, your cover letter, CV and three references to jobs@impact-initiatives.org

Ref: 18/ALL/GISI01

Please indicate the reference in the subject line of your email.

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