

Terms of Reference

REACH GIS INTERN - UKRAINE

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.

ACTED is a French humanitarian NGO, founded in 1993, which supports vulnerable populations, affected by humanitarian crises worldwide. ACTED provides continued support to vulnerable communities by ensuring the sustainability of post-crisis interventions and engaging long-term challenges facing our target populations, in order to break the poverty cycle, foster development and reduce vulnerability to disasters. Their interventions seek to cover the multiple aspects of humanitarian and development crises through a multidisciplinary approach which is both global and local, and adapted to each context. Their 3,300 staff is committed in to responding to emergencies worldwide, to supporting recovery and rehabilitation, towards sustainable development.

We are currently looking for a REACH GIS Intern to support our REACH Ukraine team based in Kiev, Ukraine.

Department: REACH
Position: REACH GIS Intern
Contract duration: 6 months
Location: Kiev
Starting Date: 1st April 2018

COUNTRY PROFILE

ACTED and REACH started working in Ukraine in early 2015 to support the humanitarian community to obtain and use rigorous and representative humanitarian information and assessments on needs of conflict-affected populations, displacement and thematic sectors to inform planning and improve the coordination and effectiveness of the humanitarian response.

In 2015, in partnership with the Global Shelter Cluster, REACH provided a detailed baseline needs assessment of the displaced population (especially in terms of shelter and non-food items), which identified areas of priority need, informed targeted planning by humanitarian actors and allowed for the monitoring of ongoing humanitarian response. REACH also extended support to the Global WASH Cluster, in partnership with UNICEF, to conduct a rapid baseline assessment of education, health and WASH services across government and non-government controlled areas of eastern Ukraine. The assessment was designed to bridge vital information gaps by providing up-to-date facility and community-specific data on the provision of multi-sector services. This enabled aid actors to identify key spatial and sectoral constraints, gaps and needs for a geographically tailored response in support of service delivery.

In 2016, REACH, on behalf of the Ukraine Humanitarian Country Team (HCT), conducted an Inter-Agency Vulnerability Assessment (IAVA) in Eastern Ukraine, evaluating the humanitarian needs of internally displaced persons (IDPs) and host communities. This assessment provided a snapshot of the challenges faced by thousands of households in the two eastern oblasts divided by the conflict. Moreover, the added value of the assessment was a substantial dataset that humanitarian actors extensively used in their 2017 response programming cycle, acting as a key source of information for the Humanitarian Needs Overview and Humanitarian Response Plan for Ukraine. REACH also launched in Sloviansk, Donetsk region, the « Information Management Hub » dedicated to building the capacity of international and local NGOs in geographic information systems, data collection, analysis and visualisation.

In 2017, REACH continued working with the major humanitarian actors to develop area-based assessments of the cities and villages along the 'contact line' to get a granular understanding of access to basic service barriers to inform local based humanitarian and development planning. In addition, REACH conducted follow up assessments to the 2016 exercises to get a better understanding of trend in terms of humanitarian needs in the conflict affected areas of Ukraine. In parallel REACH increased the scope of its IM_HUB activity to build capacities of local and regional authorities in the areas of information management including data collection, data analysis and GIS.

More information can be found here: <http://www.reach-initiative.org/where-we-work/ongoing-field-presence/ukraine>

POSITION PROFILE

The REACH Ukraine GIS/Data intern will be based in Kiev with potential travel to Sloviansk, working on projects relating to Ukraine information gathering and needs assessments. The project is composed of teams based in Kiev and Sloviansk, supporting hub level humanitarian actors in country, as well as partners, in identifying and addressing information gaps to improve the Ukraine crisis response. The projects for Ukraine involve multiple components including multi-sector needs analysis, rapid assessments, household assessments, cluster support and mapping IDP tracking. The information is shared widely with humanitarian actors for strategic decision making and planning, operational programming and monitoring of response. The team is currently hiring a GIS /data intern to support the GIS officer with projects, including but not limited to mapping, data processing, and improving and maintaining existing platforms for sharing and visualising information.

FUNCTIONS

Under the supervision of the GIS Officer and Senior Assessment Officer based in Kiev, Ukraine, the REACH Ukraine GIS/Data 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

- Monthly living allowance
- Monthly food allowance
- 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

HOW TO APPLY

Please send, in English, your cover letter, CV, and three references to jobs@impact-initiatives.org
Ref: 18/UKR/GISINT1

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

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