

Terms of Reference

REACH WEB GIS OFFICER IN IRAQ

Supervisor:	REACH GIS Manager
Title:	REACH Web GIS Officer
Location:	Erbil, Iraq
Duration:	6 months
Start date:	ASAP

BACKGROUND ON IMPACT AND REACH

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.

REACH was born in 2010 as a joint initiative of the 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.

We are currently looking for a Web GIS Officer in Iraq to support the REACH Initiative team.

TASKS

The REACH Web GIS Officer will be responsible for:

Assisting/leading on the technical development of web-based data dashboards and GIS applications.

Assisting the GIS team in the preparation, conception and production of static maps.

Supporting the development of robust information management mechanisms in country

A. Assisting/leading on the technical development of web-based data dashboards and GIS applications

- The design, development, implementation, maintenance, and support of GIS tools, data dashboards, and web GIS applications, as well as some spatial data analysis.
- Develop, recommend, and implement visual designs for web applications / develop user-friendly designs and experiences based on needs and feedback.
- Research and implement new concepts, strategies, or innovative approaches that have significant impact on user experience.

B. Assisting the GIS team in the preparation, conception and production of static maps.

- Identify map information needs
- Identify and access map information sources
- Ensure accurate linkages between spatial databases and assessment data
- Ensures that the produced maps meet the requirements of REACH and concerned partners

C. Supporting the development of robust information management mechanisms in country

- Provide technical backstopping to the country team throughout a projects lifecycle.
- Provides training and problem-solving support of GIS applications.
- Assists on major projects involving the GIS and assessment teams.
- Performs other duties as assigned.

REQUIREMENTS

- Good academic qualifications, preferably a Master degree in a relevant discipline (e.g. Computer Science, Geoinformatics, Web Development, Information Technology, etc.).
- 1 – 3 years of professional experience developing web GIS applications, data dashboards, and web maps.
- Experience with the latest web standards, including HTML5 and CSS3.
- Experience with one or more general purpose programming languages including but not limited to: JavaScript, R, or Python.
- Experience with front end technologies and/or front end frameworks.
- Knowledge of web libraries and frameworks such as jQuery, D3, Leaflet, OpenLayers.
- Experience with ArcGIS, ArcGIS Online, MapBox, or Carto is desirable.
- A good eye for design and attuned to the fundamentals of user experience.

Other:

- Good attention to detail, and commitment to producing high quality work.
- Openness to feedback and willingness to learn.
- Ability to manage time effectively and thrive in a fast paced, results oriented working environment.
- Ability to work independently with initiative, and strong capacity to work in intercultural team.

IMPACT Initiatives

CONDITIONS

- Salary defined by the IMPACT salary grid; educational level, expertise, hardship, security, and performance are considered for pay bonus
- Additional monthly living allowance
- Free 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

HOW TO APPLY

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

Ref: 18/IRAQ/WGISO1

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

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