



MEDECINS SANS FRONTIERES/DOCTORS WITHOUT BORDERS (MSF) UK

JOB DESCRIPTION

Role Title: Geographical Information System (GIS) Intern

Department: Manson Unit

Hours: 40 hours per week

Reports to: GIS Missing Maps Coordinator

Location: London

Duration: 12 months fixed term contract

Salary: £22,984 per annum

MEDECINS SANS FRONTIERES UK

Médecins Sans Frontières/Doctors Without Borders (MSF) provides life-saving emergency relief and longer-term medical care to some of the most vulnerable and excluded communities around the world. As an independent medical humanitarian organisation, we deliver care based only on need, regardless of ethnic origin, gender, religion or political affiliation.

MSF relies on donations from private individuals and organisations for the majority of its income. This private funding gives MSF the freedom to respond where needs are greatest and to speak out publicly, free from any political interference.

MSF has around 40,000 local and international staff working in over 70 countries, in some of the most challenging places in the world. Our medical humanitarian projects are supported by teams in 32 countries, including the UK, spread across Europe, North and South America, Asia, Africa and Australasia.

At MSF UK, we support MSF's operations by building relationships with our supporters, increasing awareness of our work, raising funds, providing specialist medical expertise, catalysing change on medical humanitarian issues, and recruiting field staff. MSF UK personnel are dynamic, hard-working, enthusiastic and committed to MSF's values and aims.

THE PUBLIC HEALTH DEPARTMENT

The Public Health Department (PHD) of Operational Centre Amsterdam (OCA) supports the overall purpose of MSF, providing medical and public health leadership for the organisation. The department is responsible for providing strategic direction and integrated advice on medical and public health issues to the field and headquarters. The PHD plays a key role in developing and maintaining the medical humanitarian identity and image of MSF-OCA, and in continuing to develop and improve intervention strategies so as to be relevant and effective.

The PHD is made up of health programme managers and clinical and public health specialists, mostly based in the MSF offices in Amsterdam, Berlin and London. In addition to providing medical management of MSF's field operations, the PHD gives technical and strategic guidance across a range of fields including infectious diseases, non-communicable diseases, mental health, nutrition, paediatrics, and vaccination as well as epidemiology, health promotion, laboratory, pharmaceutical quality/medical supply, and water/sanitation.

The Manson Unit (MU)

The MU is a multi-disciplinary medical team within MSF UK and is the London based part of the PHD. We aim to improve the quality of MSF's medical programmes worldwide, so the best possible care is delivered to our patients.

The MU is a team of 30 comprised of medical doctors and specialists in infectious diseases, non-communicable diseases, health information systems, epidemiology, social science, geographical information systems, medical editing and research communication. We also have a clinical trial team working towards improved treatments for patients with drug-resistant tuberculosis. We provide direct support to our field programmes through specialist advice on medical issues, implementing new ways of working, supporting research studies and outbreak response.

ABOUT THIS ROLE

Geographical Information System (GIS), mapping and spatial analysis plays an important role in MSF medical responses.

The intern post holder will join the MU's Epidemiology Public Health Team composed of epidemiologists, public health specialists, and GIS specialists. The intern will work closely with the GIS & Missing Maps Coordinator to help us achieve our aims by providing geographical data, mapping capability, and analysis to be used by MSF medical teams working in the field.

There are a wide variety of tasks which will vary depending on workload and skills available, so the post holder needs to be flexible.

TYPICAL TASKS INCLUDE

- Day-to-day GIS support to OCA PHD and field staff as required. Tools used – QGIS, ArcGIS.
- Day-to-day GIS-related mobile data collection (MDC) support – software. Tools used – Kobo, ODK, OsmAnd.
- Develop and document guidelines and Standard Operating Procedures (SOPs) on new GIS methodologies – e.g. modelling travel time to health catchment areas.
- Data analysis and cleaning. Reviewing and/or cleaning data and supporting colleagues in doing the same. Tools used – Excel, R.
- Assess and improve the GIS training material for MSF staff. Maintain, create and update GIS training material (Webinar, tutorials, videos...). Share and raise awareness on the developed and/or existing training materials.
- Support the GIS/Missing Maps coordinator in Missing Maps activities including setting up tasks for remote mapping and field data editing.
- Participate in London Missing Maps community activities – including mapathon planning and participation.
- Collaborate closely with the -MSF GIS community and global Missing Maps community.
- Be an active member of the Epidemiology and Public Health Team and wider MU team, working collaboratively to achieve its shared objectives.

PERSON SPECIFICATION

Essential skills, knowledge and experience:

- Passion for maps and data.
- A GIS or equivalent degree and/or relevant experience.
- Genuine interest in the humanitarian sector and commitment to MSF's values (previous experiences with NGOs is desirable).
- Strong interest in epidemiology and public health.
- Demonstrable interpersonal, communication and teamwork skills.

- A can-do attitude and ability to work independently and autonomously.
- Fluency in written and spoken English (other languages, especially French, are an advantage).
- Demonstrable knowledge and experience working with QGIS, ArcGIS, Kobo, Osmand, and related software/tools.
- Knowledge of and/or experience working with satellite imagery in GIS.

WHAT WE OFFER

- An insight into MSF and current topics in the health and humanitarian sector.
- The opportunity to contribute directly to MSF's work around the world.
- Access to relevant in-house training and development opportunities.
- A great opportunity to develop your existing skills and to gain new ones.
- Introduction in and collaboration with the global humanitarian GIS network

Candidates must have the right to work in the UK.

For positions where a criminal record check is identified as necessary, an application for a Disclosure and Barring Service (DBS) certificate will be submitted in the event of the individual being offered the position.

MSF UK is an equal opportunities employer. We are committed to diversity and creating an inclusive environment for all employees. We encourage applications from all sections of our diverse community.

HOW TO APPLY

Please apply on our website by submitting a copy of your **CV** together with a **letter of motivation (please upload as one document)** including your suitability for this particular role by the closing date.

Application checklist

Please check that you have included the following in your application:

- An up-to-date CV
- Letter of Motivation, which is a supporting statement demonstrating:
 - How you meet the key requirements of the role.
 - An example of a project you have conducted and how you managed it.
 - An example/s of map/s you have made.
 - How this internship opportunity fits your plans.

RECRUITMENT TIMETABLE

- **Closing date for applications: 2 October 2022, 11.59pm (BST)**
- **Interviews: October 2022**
- **Potential start date: ASAP 2022**