

GLOBAL GIS & REMOTE SENSING SPECIALIST IN GENEVA

OVERVIEW

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| Position: | GIS & Remote Sensing Specialist |
| Department: | Global Programmes, Research & Communications |
| Duration: | 1 year (with potential for extension) |
| Start date: | August-September 2025 |
| Location: | Geneva, Switzerland |

The global GIS and Remote Sensing team at IMPACT plays a critical role in achieving the organisation's research and analysis objectives, by enabling the production of timely, nuanced, evidence-based insights that can inform emergency response, resource allocation decisions, and long-term resilience planning in complex humanitarian settings. Working in close collaboration with research and analysis teams across the field and in HQ, the global GIS & Remote Sensing team ensures the collection, processing and analysis of relevant satellite imagery and geo-spatial data to monitor crisis-affected areas, assess needs, map population movements, and identify vulnerabilities among affected populations. Within this set-up, and under the supervision of the Head of Research, Learning and Technological Transformation, the GIS & Remote Sensing Specialist will be responsible for producing global analysis products, as well as technical backstopping to global and country teams for the implementation of relevant programmes, including, but not limited to, humanitarian emergencies and climate response efforts.

The candidate should have a strong technical background in Remote Sensing, GIS and climate data analysis, and prior experience with analysis of satellite imagery with different spatial and spectral resolutions. The candidate should also understand concepts of cartographic design and be experienced in presentation of the results of spatial analysis using static and interactive mapping products.

CORE TASKS

- **Strategy implementation** i.e. co-lead the design of IMPACT's global GIS & Remote Sensing Strategy, and ensure successful delivery through the development of guidelines, tools, and learning materials
- **Global research and analysis** i.e. produce global products in line with IMPACT's standards and strategic priorities (exact scope and priority areas of focus to be defined)
- **Technical guidance and capacity sharing** i.e. provide technical backstopping and support for the successful implementation of relevant research and analysis programmes; including:
 - Guide global and country teams on planning and design in line with project objectives and IMPACT's GIS & Remote Sensing guidelines
 - Support with the drafting and review of research ToRs, with a specific focus on the analysis plan, data management plan, and key remote sensing and geospatial analysis methodologies
 - Support with the production and review of relevant analysis outputs
- **External engagement** i.e. support with the development, maintenance of global partnerships, including:

- Coordination with UNOSAT for the planning and procurement of services and satellite imagery
- Representation in relevant meetings/ Working Groups and presentation of research findings to third parties to enhance their use and impact
- Promote active use of datasets, GIS products, and research findings by partners and the broader humanitarian community for their decision making.

ADDITIONAL TASKS (ON AN AD-HOC, BY NEED BASIS)

- Provide other support for the implementation of IMPACT programmes as needed (e.g. data processing and analysis, technical supervision and capacity strengthening support), including in-country or remote surge to support to country teams
- Proactively monitor best practices and emerging innovations in remote sensing, and as relevant, undertake research and development to incorporate innovative techniques into IMPACT's work

WHAT WE ARE LOOKING FOR

- **Background**
 - Excellent academic qualifications, preferably a Master degree or higher related to GIS, Remote Sensing, Geography or Environmental sciences
 - At least 5-6 years of relevant work experience with remote sensing and geo-spatial analysis
 - Fluency in English; fluency in French or Spanish also an asset
- **Core Competencies**
 - Integrity *i.e. commitment to acting professionally while holding oneself and others accountable by operating with transparency and taking responsibility for one's actions*
 - Learning *i.e. commitment towards personal and professional growth through a perspective of learning and thinking creatively*
 - Resilience *i.e. ability to effectively maintain focus on professional objectives while adapting and demonstrating flexibility as contexts, requirements and circumstances change*
 - Interpersonal skills *i.e. ability to effectively communicate and build relationships with others, internally and externally*
 - Collaboration *i.e. ability to work cooperatively with others from a diversity of backgrounds and viewpoints, engaging effectively internally and externally*
 - Producing quality results *i.e. operationalise objectives in an organized manner, delivering results on time and to a high standard of quality*
 - Problem solving *i.e. ability to use analytical and critical thinking to form sound judgments and inform evidence-based decisions*
- **Technical Competencies:** See table below

| Responsibilities | Required Competencies |
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| Strategy implementation | <ul style="list-style-type: none"> • Strategy Setting <i>i.e. ability to create a clear and compelling strategy and course of action relevant for the context</i> |

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| Global research and analysis | <ul style="list-style-type: none"> • Research Planning <i>i.e. ability to formulate appropriate research questions and methodologies based on the information landscape and the available resources</i> • Geospatial Analysis <i>i.e. ability to process spatial data for making calculations, identify spatial patterns, and relationships, including design and implementation of complex analysis (hot spot analysis, raster multi-criteria analysis, etc.)</i> • Remote Sensing <i>i.e. ability to follow remote sensing related procedures and processes, identify suitable tools and data sources, and perform relevant analysis, including intermediate-advanced working knowledge of ArcGIS Pro imagery processing tools and Google Earth Engine</i> • Communicating Data <i>i.e. effectively translate and disseminate research findings through accurate and effective research outputs</i> • Mapping Visualisation <i>i.e. ability to make maps that effectively communicate clear and accurate information, and advanced working knowledge of ArcGIS Pro</i> • GIS Data Management <i>i.e. ability to manage and use GIS data while maintaining data quality, including ability to work with a wide range of GIS databases</i> |
| Technical guidance and capacity sharing | <ul style="list-style-type: none"> • Facilitating Learning <i>i.e. ability to nurture professional growth and individual learning in others</i> |
| External engagement | <ul style="list-style-type: none"> • Writing with Impact <i>i.e. ability to write formally in a clear, structured, and compelling manner for external stakeholders</i> • Speaking with Impact <i>i.e. ability to speak formally in a clear, structured, and compelling manner to external stakeholders</i> |

COMPENSATION AND BENEFITS

- For this position, gross salary between 5'800 CHF and 5'957 CHF monthly (before income tax). NB - IMPACT salaries are strictly determined by our salary grid depending on the grade of the position and the level of education and experience of staff. A contribution to medical insurance of 489 CHF per month is already included in the salary figure.
- Insurance covering professional and non-professional accidents throughout the period of employment with IMPACT
- Health insurance, life insurance and repatriation assistance in case of field visits/temporary deployments
- Enrolment in IMPACT Initiatives Research Foundational Learning Programme within the first 3 months from the start of contract.
- Applicants must hold a valid work permit for Switzerland or be EU/EFTA citizens
- Up to 40% of remote work on a weekly basis.