



Vincent Turmine

GIS and Data Analyst

With experience of more than 20 years in data project management and data analysis, I have collaborated with humanitarian organisations and governments on data research and data-driven applications to support decision-making processes.

Address
Nyon, Switzerland

Nationality
French

Languages
French, English

Experiences

International Federation of Red Cross and Red Crescent (2020 – 2025)

Senior CEA Data Officer – IFRC Geneva – Disasters, Climate and Crisis Department

July 2023 - June 2025

Senior Information Management Officer – IFRC Geneva – Health and Care Department

September 2020 – July 2023

Data Analyst Consultant – IFRC Geneva – Disasters, Climate and Crisis Department

April 2020 – September 2020

Responsibilities

- › Strategy and analysis: Developed the data strategy for the Community Engagement unit and led data products on behavioural changes and community perceptions.
- › Project management: Designed analytical tools and digital products to measure social change, community trust and capture community feedback.
- › Support and collaboration: Advised regional and national teams on data analysis and tool adaptation, in partnership with humanitarian partners.

UNICEF (2013 – 2019)

Digital Health Deployment Consultant – UNICEF HQ

August 2016 – March 2019

Innovation Consultant - UNICEF Senegal

February 2015 – August 2016

Information Management Specialist - UNICEF Mali

July 2013 – December 2014

Responsibilities

- › Digital transformation: Developed the global digital health strategy (UNICEF HQ), supported national digital health strategies, and guided innovative approaches for country offices.
- › Project management: Prototyped and scaled up applications for digital health, civil status and youth engagement in low-resource settings including interoperability with national information systems.
- › Data management: Implemented mobile-based data systems and conducted data analysis studies for supporting programmes and response coordination in Mali and Senegal.

Independent Consultant (2009-2013)

Geospatial consulting services to international organizations, conservation projects, and development agencies:

Sahara Conservation Fund: Designed GIS products and Web-based services (Jun. 2012 – Mar. 2013)

UNICEF Senegal: Designed and implemented M&E tools (Feb. 2012 – Aug. 2012)

IDEV-ic: Led spatial analysis for identifying soil degradation based on satellite imagery (Aug. 2011 – Feb. 2012)

UNICEF Senegal: Designed M&E tools (monitoring, data visualization and mapping) (Jul. 2011 – Aug. 2011)

Sahara Conservation Fund: Led spatial analysis on endangered species (Jan. 2010 – Dec. 2010)

University of Portsmouth/UICN: Conducted spatial analysis on marine resources uses and fisheries migration in West Africa, Caribbean islands and Southern East Asia (Jun. 2009 – Nov. 2009)

Sahara Conservation Fund: Led spatial analysis of antelopes conservation in Niger (Jan. 2009 – Nov. 2009)

Institut de Recherche pour le Développement (2006-2009)

Research Assistant – Centre of Economics, Environment, Ethics for Development (Senegal)

Responsibilities

- › Infrastructure and access: Designed and implemented GIS infrastructure for a research lab to enable streamlined access to spatial datasets and satellite imagery for researchers and students.
- › Automation and analysis: Developed spatial analysis algorithms to automate geoprocessing routines and support scalable, reproducible research workflows.
- › Capacity building: Delivered GIS training, supported students, and built a community capacity on decision making using data among fishermen communities.

Senagrosol Consult (2003-2005)

GIS Technical Lead – GIS Unit (Senegal)

Responsibilities

- › Led GIS and remote sensing projects supporting economic, social, and agricultural studies with experts in a think-tank setting.
- › Managed and maintained GIS infrastructure in coordination with IT and tested new features
- › Supervised GIS staff and service providers delivered GIS training sessions for internal teams and partners.

University of Paris 7 (2002-2003)

Research Assistant as PhD candidate – Polimages Labs (France)

Responsibilities

- › Designed a land cover geodatabase and organized satellite imagery for integrated coastal management in West Africa.
- › Developed image analysis algorithms to study coastal erosion and sedimentology changes using satellite data.

Education & skills

Education

2010	GIS & Wildlife Conservation Fellowship - Smithsonian Conservation & Biology Institute (VA, USA)
2001	DEA Geomorphology and natural disasters - University of Paris 7 (Eq. Master's degree)
1999	Licence Geography–Spatial Planning and Landscape. University of Cergy-Pontoise (eq. Bachelor)

Skills

- › High expertise on information management and database management systems specially using open-data and open-source systems.
- › Advanced expertise of data management and GIS/Remote Sensing tools.
- › Excellent knowledge on mobile technologies for data collection, real time monitoring and advanced mobile services for users and standard Health Information Systems (DHIS2, iRHIS, ...).
- › Expertise on technology for development concepts (ideation, human centered design, prototyping and implementation).
- › Capabilities to design and conduct technical trainings for multiple audiences on new technologies and complex systems.

Software knowledge:

- › Project management: Trello, Miro, Confluence/Jira, Github Project, Figma.
- › Data analysis: Excel, Access, Powerbi, Tableau, Flourish, SuperSet, R, Python.
- › GIS: ArcGIS, QGIS, Erdas Imagine.
- › Mobile Data collection: RapidPro, ODK, ONA, Kobo, Magpi, Formhub, Akvo Flow.
- › Web development: html, CSS, php, mySQL, React, Javascript (basics), CMS : Django, Wordpress, Drupal.

Volonteership

- › OpenStreetMap and Humanitarian OpenStreetMap Tasks (HOT) contributor
- › Board member and Handball coach Nyon Handball La Côte

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