



## Short Term Consultant (STC)

### *Terms of Reference*

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<b>Job Title:</b>	Risk Data Library Steward
<b>Unit:</b>	IDURM (formerly GFDRR)
<b>Location:</b>	Remote location with mission travel
<b>Days:</b>	50 days with possibility of extension
<b>Starting Date:</b>	2nd September 2025
<b>Language:</b>	English

## Background

The Risk Data Library is a suite of open data, standards, and tools designed to support action on disaster and climate risk in the most vulnerable countries. A key component of the suite is the Risk Data Library Standard (RDLS), an open data standard for describing the datasets used in climate and disaster risk assessments.

A wide range of organizations produce or use disaster risk information, including humanitarian agencies, insurance companies, academic institutions, and multilateral development banks. The RDLS offers to those organizations a common way for describing the data used and produced in risk assessments, and covering hazard, exposure, vulnerability, and modelled loss and damage data.

The Risk Data Library project is managed by the Global Facility for Disaster Reduction and Recovery (GFDRR) at the World Bank Group, through its Digital Earth line of work. To support the adoption and use of the Risk Data Library both within and outside the World Bank Group, the Digital Earth team is seeking to recruit a Risk Data Librarian (Data Steward). This Short-Term Consultant position is financed through a Gates Foundation grant.



# Duties and Responsibilities

## Scope of Work

The primary objective of the Consultant is to increase the number of datasets available in the Risk Data Library catalog, while ensuring metadata quality, consistency, and alignment with the RDLS specification. To achieve this, the Consultant will:

- Oversee the ongoing curation and management of the Risk Data Library catalog.
- Support the integration of RDLS into relevant World Bank processes and systems.
- Provide technical and strategic inputs to improve the usability and adoption of RDLS, including development of AI tools to populate metadata.
- Contribute to events such as hackathons or data sprints to populate and improve the catalog.
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## Specific Tasks

### Catalog Curation and Metadata Management

1. Identify, assess, and curate datasets relevant to disaster and climate risk to be included in the Risk Data Library.
2. Ensure each dataset entry includes complete and accurate metadata aligned with the Risk Data Library Standard (RDLS).
3. Liaise with World Bank teams, external partners, and data providers to obtain and validate metadata for key datasets.

### Integration with World Bank and GFDRR Processes

4. Support the incorporation of RDLS-compliant metadata requirements into World Bank procurement templates, ToRs, and guidance notes.
5. Collaborate with internal teams to align the Risk Data Library catalog with World Bank corporate data catalog systems.
6. Provide technical support and feedback on how RDLS can streamline data acquisition and sharing in World Bank-funded risk assessments.

### Support RDLS Adoption and Improvement

7. Contribute to user documentation, onboarding guides, and training materials that help stakeholders apply RDLS in projects.
8. Provide feedback to the Digital Earth team on enhancements to the RDLS specification, metadata validator tools, or APIs.
9. Help develop workflows for automating metadata generation or ingestion processes using scripts or open tools.

### Outreach, Events, and Community Engagement

10. Help plan and deliver at least three community engagement activities (e.g., hackathons, data sprints) to populate and validate entries in the Risk Data Library.
11. Engage with key partners and contributors from academia, civil society, and technical communities to promote contributions to the catalog.

12. Prepare summary reports or blogs capturing event outcomes and lessons learned.

## Location and duration

The consultant will be based in Washington, D.C or work remotely on a Short-Term Consultant assignment (50 days with possibility of extension).

## Rate

Proportionate to expertise and experience levels.

# Selection Criteria

## Required criteria

Key qualifications required for this assignment include:

- A Master or PhD in the field of information management, geospatial technologies, computer science or other relevant fields;
- Experience leading or contributing to the development of an open data standard;
- Good knowledge and technical skills working with some of the various geospatial file and metadata formats (GeoJSON, Shapefile, GeoTIFF, GeoPackage, STAC, OGC)
- Knowledge of some of the GIS software and processing services (QGIS, GRASS GIS, ArcGIS, GeoPandas, Google Earth Engine)
- Good knowledge of data catalog, geoportal and web mapping services (CKAN, JKAN, PostGIS, PostgreSQL, Geoserver, Geonetwork, Geonode, Maptiler);
- Comfortable working with GitHub platform;
- Proficiency in English; additional languages such as French or Spanish are an asset.

## Additional criteria

- A strong interest in disaster risk management, climate change adaptation and international development issues;
- A good understanding of catastrophe modelling (cat modelling) and other GIS platforms and software for disaster risk management;
- Participation in the OpenStreetMap and FOSS4G communities;
- Capacity for effective multi-tasking with demonstrated ability of being an independent starter with minimal supervision, and a high capacity to persevere for results;
- Strong communication and advocacy skills, including ability to write concisely and clearly and synthesize complex documentation and ideas for a range of audiences;
- Excellent inter-personal skills and proven ability to work in a team and intercultural environment;
- Able to work in an environment of diverse cultures

# How to apply

Application deadline: midnight Eastern Standard Time, Friday 22nd August 2025.

Please send a CV and cover letter to Pierre Chrzanowski ([pchrzanowski@worldbank.org](mailto:pchrzanowski@worldbank.org)) and Mattia Amadio ([mamadio@worldbank.org](mailto:mamadio@worldbank.org)) with the email subject “STC application: Risk Data Librarian”.

Short-listed applicants will be required to (online) interview.