

UN-GGIM Strategic Framework on Geospatial Information and Services for Disasters ASSESSMENT SURVEY

Dear Colleagues,

The Working Group on Geospatial Information and Services for Disasters (WG-Disasters) of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) has formulated a Strategic Framework on Geospatial Information and Services for Disasters which has been adopted by the Committee of Experts in August 2017, and by the United Nations Economic and Social Council (ECOSOC) on 2 July 2018. The Framework aims to guide Member States and other stakeholders in making available and accessible all quality geospatial information and services before, during and after disaster events. More about the Framework is available at this link <http://ggim.un.org/documents/UN-GGIM_Strategic_Framework_Disasters_final.pdf>.

In view of this, the WG-Disasters is conducting an Assessment Survey that will help gauge the level and status of implementation of geospatial information and services for disasters initiatives relative to the Strategic Framework among Member States. The Survey aims to understand the national geospatial information and services landscape across all phases of disasters within Member States. Alternatively, the tool can be used by Member States to better develop their national implementation plans for geospatial information and services in support of disaster risk reduction and management (DRRM).

The Survey will require approximately 30-45 minutes to complete. It is intended to be accomplished by the representative of each Member State in the WG-Disasters or the designated focal organization that has the mandate for national DRRM. While the Survey intends to capture national perspective, the views and opinions of other national government agencies, sub-national government units, private sector and other stakeholders in DRRM is encouraged in order to aid Member States in preparing an integrated national assessment.

The activities in each priority area will be rated using the rating scale shown in the table below. It is important that the assessment be made in reference to established policies, infrastructures, systems or procedures in the national context and NOT at the organizational level. As assessments may be based on perception, additional remarks, and supporting document/s may be attached or provided to make the results as factual as possible. We commit to ensuring that all personal information will be treated with utmost confidentiality.

Category	Description
4	The initiative is fully implemented in my country
3	The initiative is currently being implemented in my country, with minor tasks still need to be done
2	The initiative is currently being implemented in my country, with major tasks still need to be done
1	The initiative is not yet implemented in my country
0	Unaware of the initiative, and its implementation in my country

To complete the survey, please proceed to this link <<http://> >. For queries and other related concerns, please feel free to email us at <email address>.

We would appreciate it if you could complete the Survey by <date>.

Your usual cooperation will be highly acknowledged. Thank you!

Co-Chairs, WG-Disasters

II. DEFINITION OF TERMS

business use case	A list of actions or event steps that would guide actors in implementing a specific system (e.g. DRM)
database	is a collection of information organized for convenient access, improved management and continuous updating
DRM	Known also as disaster risk reduction and management, it is the systematic process of using administrative directives, organizations, and operational skills and capacities to implement strategies, policies and improved coping capacities in order to lessen the adverse impacts of hazards and the possibility of disaster. <i>Source: Section 3, Republic Act 10121</i>
EI	Referred to as the essential elements of information, which are critical information requirements prepared for and by Member States and other key stakeholders at a particular time to assist in high-level decisions and agreements.
five priorities of action	These are the action points identified by the UN-GGIM in implementing the Strategic Framework on Geospatial Information and Services for Disasters, namely (a) Governance and Policies, (b) Awareness Raising and Capacity Building, (c) Data Management, (d) Common Infrastructure and Services, and (e) Resource Mobilization.
geospatial information	are data referenced to a place – a set of geographic coordinates – on the Earth surface, whether on land or at sea
humanitarian profiling	refers to the various data collection methods concerning the promotion of human welfare. These profiles may include data holdings on affected population, estimated damage costs, and relief requirements, among others.
interoperability	denotes the ability of diverse systems and organizations to work together. It is considered important as it allows different data components to work together. <i>Source: opendatahandbok.org</i>
open data	is data that can be freely used, re-used and redistributed by anyone – subject only, at most, to the requirement to attribute and share alike <i>Source: opendatahandbook.org</i>
operations center	refers to the facilities established by UN Member States and other stakeholders to integrate all efforts on disaster response. In most cases, these facilities house up-to-date technologies and systems to simulate, monitor and respond to specific disaster events.

product templates	<p>is a predefined way of stating the properties of a specific data/information. Stakeholders simply fill in the template with the data/information properties and their associated values</p> <p><i>Source: gobim.com</i></p>
spatial data infrastructure	<p>denotes a framework of technologies, policies, and institutional arrangements that together facilitate the creation, exchange, and use of geospatial data and related information resources across an information-sharing community. Such a framework can be implemented narrowly to enable the sharing of geospatial information within an organization or more broadly for use at a national, regional, or global level.</p> <p><i>Source: esri.com</i></p>
strategic framework	<p>pertains to the UN-GGIM Strategic Framework on Geospatial Information and Services for Disasters (2016-2030). It serves as a guiding policy document bringing all stakeholders and partners involved in DRM together to ensure that the necessary quality geospatial information and services are available and accessible in a coordinated way to decision-making and operations before, during and after disaster events.</p>
UN-GGIM	<p>Refers to the United Nations Committee of Experts on Global Geospatial Information Management. It is an intergovernmental subsidiary body of the UN Economic and Social Council with the responsibility of providing a forum for coordination and dialogue among Member States, and between Member States and relevant international organizations on enhanced cooperation in the field of global geospatial information.</p> <p><i>Source: terms of reference</i></p>
WG-Disasters	<p>Known also as the Working Group on Geospatial Information and Services for Disasters, it is a working group within the UN-GGIM that is assigned to develop and implement a strategic framework on geospatial information and services for disasters in support of the implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030. It is currently co-chaired by the Philippines and Jamaica.</p>

III. BACKGROUND INFORMATION

Full Name	LAST NAME	FIRST NAME	M.I.
Position/Designation			
Office/Agency			
Country			
Contact	MOBILE	LANDLINE	EMAIL ADDRESS

IV. SURVEY QUESTIONS

Encircle the category (0, 1, 2, 3, 4) that best corresponds to your assessment. You may include additional remarks and attach pertinent documents to support the assessment made.

a. GOVERNANCE AND POLICIES

Policies, collaborative agreements and legal frameworks aiming at improving the availability and accessibility of quality geospatial information and services among all stakeholders and partners established and implemented before, during and after disasters

1. Political support in terms of policy and leadership is provided by the government in implementing the **five priorities**¹ for action contained in the strategic framework

0	1	2	3	4
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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

2. Financial support is provided by the government in implementing the **five priorities** for action contained in the strategic framework

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

3. A champion, i.e., individual or organization that oversees the implementation of the **five priorities** for action and ensures an inclusive participation of all stakeholders and key partners is functional

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

¹ The five priorities are, Priority 1: governance and policies, Priority 2: awareness-raising and capacity-building, Priority 3: data management, Priority 4: common infrastructure and services, and Priority 5: resource mobilization. (para 12 of the Annex of E/2018/L.15)

4. Have national agencies or special bodies been mandated with clear roles and responsibilities to implement the **five priorities** for action

- a. Governance and Policies
- b. Awareness Raising and Capacity Building
- c. Data Management
- d. Common Infrastructure and Services
- e. Resource Mobilization

0	1	2	3	4
0	1	2	3	4
0	1	2	3	4
0	1	2	3	4
0	1	2	3	4

- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

5. Open channels of communication with the objective of improving coordination, collaboration and exchange of geospatial information and relevant resources are established and maintained

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

6. Plans and programs aimed at making available and accessible all quality geospatial information and services are developed and implemented

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

7. Necessary laws and policies that bind all efforts in a systematic and consensus-based roadmap are developed and implemented

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

8. A monitoring and evaluation program to track the country's progress in implementing the **five priorities** for action is established

- a. Governance and Policies
- b. Awareness Raising and Capacity Building
- c. Data Management
- d. Common Infrastructure and Services
- e. Resource Mobilization

0	1	2	3	4
0	1	2	3	4
0	1	2	3	4
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0	1	2	3	4

- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

9. Collaboration, coordination and partnership with other Member States, non-government actors, geospatial information and emergency response communities, and international organizations are encouraged

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

10. Mutual learning and exchange of good governance practices and policies with other Member States are promoted

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

11. Effective channels where Member States and other stakeholders can share technical knowledge, lessons learned, best practices and case studies are provided

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

b. AWARENESS RAISING AND CAPACITY BUILDING

Awareness is raised among concerned entities on the importance of geospatial information and services and all necessary technical and human capacities are built and/or strengthened

1. Geospatial information and services are translated into strategies and tools that can easily be understood and used by a wider audience (e.g., using local languages, reflecting area and issue-based scenarios, use of social media)

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

2. Inclusion of geospatial information management as applied to disaster risk management (DRM) in academic programs is promoted and advanced

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

3. DRM-related researches using geospatial information and services are initiated and managed

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

4. Technical expertise of international partners and donor institutions in using geospatial information and services for disasters are harnessed

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

5. Training programs (e.g., information, education and communication (IEC) campaigns, emergency simulation exercises) on the use of geospatial information and services for disasters are implemented for all stakeholders and key partners

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

6. Active and inclusive role of media on the local and national levels in raising public awareness on the importance of geospatial information and services in disaster management is encouraged

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

7. Competencies of DRM organizations in establishing spatial data infrastructures and open data platforms for geospatial information and services are developed and sustained

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

8. Best practices from other Member States and institutions are benchmarked and cascaded locally

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

c. DATA MANAGEMENT

Geospatial databases and information products are developed based on common standards, protocols and processes as important tools in every decision-making process across all phases of DRM

1. A common and accessible database system of minimum/baseline geospatial information and services requirements, including an initial list of essential elements of information (EIs) is developed and used

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- Remarks: _____

- Attach pertinent document to support your assessment or provide the title of document _____

2. Hazard, vulnerability and disaster risk assessment maps, and other information products as crucial inputs to national and local DRM plans are developed and used

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

3. A common contact database of national and local emergency responders, as well as a registry of all humanitarian response/assistance organizations are established, maintained and updated

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

4. Humanitarian profiling and event/incident scenario building before, during and after disasters are conducted and updated

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

5. Business use cases and data/information product templates (e.g., hazard and risk models) to aid decision-making needs for geospatial information and services for disasters are developed and implemented

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

6. Data management guidelines including, but not limited to data sharing; data classification; data custodianship; data stewardship; metadata; data security and control; and data backup and recovery on the national level are developed and used

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

7. Integration of geospatial data and statistics in DRM plans and programs is implemented

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

8. National mechanisms to encourage government institutions and the international community to openly share their data are established

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

9. Best practices, particularly established data use standards, protocols and processes from other Member States and international organizations are adopted and cascaded locally.

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

d. COMMON INFRASTRUCTURE AND SERVICES

Common facilities and services are established for all key stakeholders and partners to have a common operational picture of emergency scenarios

1. A common infrastructure and facility, particularly a national operations center is established

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

2. A maintenance program supporting the common infrastructure and facility, particularly a national operations center, is established

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

3. A backup facility for online and offline access to geospatial data to sustain operations during disasters is established

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

4. Interoperability of all systems and processes in DRM organizations is ensured

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

5. Integrity of established common infrastructures and services, as evidenced by regular emergency simulation exercises is maintained

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

6. Technical assistance from other Member States and international organizations in establishing local common infrastructure and services are availed of.

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

e. RESOURCE MOBILIZATION

All necessary technical, human and financial resources are available to sustain all the activities of DRM

1. DRM organizations are sensitized on the necessity of funding the acquisition, maintenance and updating of geospatial information and services for disasters

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

2. The academe and other scientific and research institutions are encouraged to prioritize funding for the conduct of researches, development and extension activities in the implementation of the strategic framework

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

3. The private sector, including financial institutions are encouraged to invest in the provision of geospatial information and related services for DRM

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

4. Funding support for the activities in the implementation of the five priorities for action, including grants, loans and other forms of financial support are easily accessible

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- Remarks: _____
- Attach pertinent document to support your assessment or provide the title of document _____

V. ADDITIONAL REMARKS
