6th Regional Meeting
UN-GGIM: Africa

Tuesday December 1, 2020
@ 10:00 am – 12:30 pm (UTC 0)

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Jamaica Co-chair support
UN-GGIM Working Group On Geospatial Information and Services for Disasters &
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Geospatial Information and Services for Disasters
Outline

- Africa’s Disaster Vulnerability
- UN-GGIM WG Disasters Background
- Strategic Framework on Geospatial Information & Services for Disasters
- Status of Strategic Framework Implementation within Africa
- Outcomes from 10th Session
- Opportunities Presented by COVID-19
- Way Forward
Africa’s Disaster Vulnerability
Map estimating the levels of exposure of the different countries to natural hazards
UN-GGIM WG Disasters
United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) in **August 2015**, under **decision 5/110** supported the proposal to establish a working group to further develop and implement a strategic framework that would be:

- Focused in a practical manner;
- Aligned with the outcome and follow-up to the Sendai Framework for Disaster Risk Reduction 2015-2030 and its implementation;
- Able to take into consideration the special needs of developing countries, especially with respect to capacity building and knowledge sharing and;
- Broadly representative of different regions of the world and taking into account regional experiences.
Leadership & Membership

- Co-chairmanship: Jamaica and Japan (August 2019 – Present)

2 Member States from Africa: Algeria & Burkina Faso
Strategic Framework on Geospatial Information & Services for Disasters
Access the Strategic Framework here:


The Strategic Framework on Geospatial Information and Services for Disasters was adopted by the UN Economic and Social Council in July 2018 under resolution 2018/14 (available in all 6 languages, see below, Documents then 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.

Use of:

- geospatial information & services
- relevant statistical information

= better understand, formulate policies and manage risks and impacts of disasters

Member States
Advance the use of Geographic information to support Disaster Risk Reduction in Africa.

Strategic Framework Assessment Tool
Assessment Survey

UN-GGIM WG-Disasters conducted 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.

• aims to understand the national geospatial information and services landscape across all phases of disasters within Member States.

• 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).
Complete Strategic Framework Assessment tool: https://bit.ly/2TxLF0t

Americas Region deadline: August 31, 2020
Global deadline: extended to Oct 2, 2020
Questions focused on:

Survey tool

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 for action contained in the strategic framework.
   - 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.
   - 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).
   - 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.
   - 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 (EEIs) is developed and used.
   - 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.
   - 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.
   - 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.
   - 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.
   - Remarks:
   - Attach pertinent document to support your assessment or provide the title of document.
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. This Framework 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://un-ggim.org/documents/UN-GGIM_Strategic_Framework_Disasters_final.pdf](http://un-ggim.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 further 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. 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. Assessments may be based on perception; additional remarks, and supporting documents 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.

**RATING SCALE AND PRIORITIES**

**Category Description**

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

The five priorities of the Strategic Framework on Geospatial Information and Services for Disasters are:

**Priority 1:** Governance and policies,

**Priority 2:** Awareness-raising and capacity-building,

**Priority 3:** Data management,

**Priority 4:** Common infrastructure and services,

**Priority 5:** Resource mobilization.


**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.

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

Select the category (1, 2, 3, 4, 5) that best corresponds to your assessment.
10th UN-GGIM Session
Decision 10/108 -
Geospatial information and services for disasters
Decision 10/108 – Relevant to Africa Region

• Acknowledged that the COVID-19 pandemic has demonstrated the critical importance of access to available and trusted geospatial information to support decision-making during all phases of disaster risk management....

• Commended the continued efforts of the Working Group to facilitate the implementation of the Strategic Framework on Geospatial Information and Services for Disasters, and urged Member States to consider implementing the Strategic Framework, particularly given that the COVID-19 pandemic provides a unique opportunity for monitoring and tracking each country’s progress across the Framework’s five priorities for action;

• Encouraged Member States and disaster experts to engage with the Working Group through membership and active contribution, particularly from the regions of Africa and the Arab States, to raise awareness on the need for geospatial data in support of disasters
Strategic Framework Assessment Tool response from Africa
Strategic Framework - Survey Results

- 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.

- Respondents to global consultation:
  - 42/198 - UN-GGIM Member States
  - 5 - UN-GGIM: African Member States

  UN-GGIM WG Disasters in process of analyzing the responses towards presenting on findings at 11th UN-GGIM Session (August 2021)
Opportunity presented by COVID-19
Opportunity Presented by COVID-19

• **COVID-19 pandemic** is the largest global disaster challenge recorded. As horrific as it has been, it has created an ideal opportunity to test and apply the Strategic Framework.

• COVID-19 pandemic has demonstrated the critical importance of access to available and trusted geospatial information to support decision-making during all phases of disaster risk management.

• UN-GGIM WG Disasters encourages Member States to consider implementing the Strategic Framework, particularly given that the COVID-19 pandemic provides a unique opportunity for monitoring and tracking each country’s progress across the Framework’s five priorities for action. *Outlined in Decision 10/108 proposal, as per UN-GGIM 10th session (Sept. 2020).*

• Reliable, accurate, available and timely Geospatial information are key towards facilitating better decision making.
COVID-19 pandemic provides a unique opportunity for monitoring and tracking each country’s progress

Strategic Framework’s Five Priorities of Action

Utilize the gaps identified as areas for opportunity and growth
Thank you !
UN-GGIM: Americas
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