

# 6<sup>th</sup> Regional Meeting UN-GGIM: Africa



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

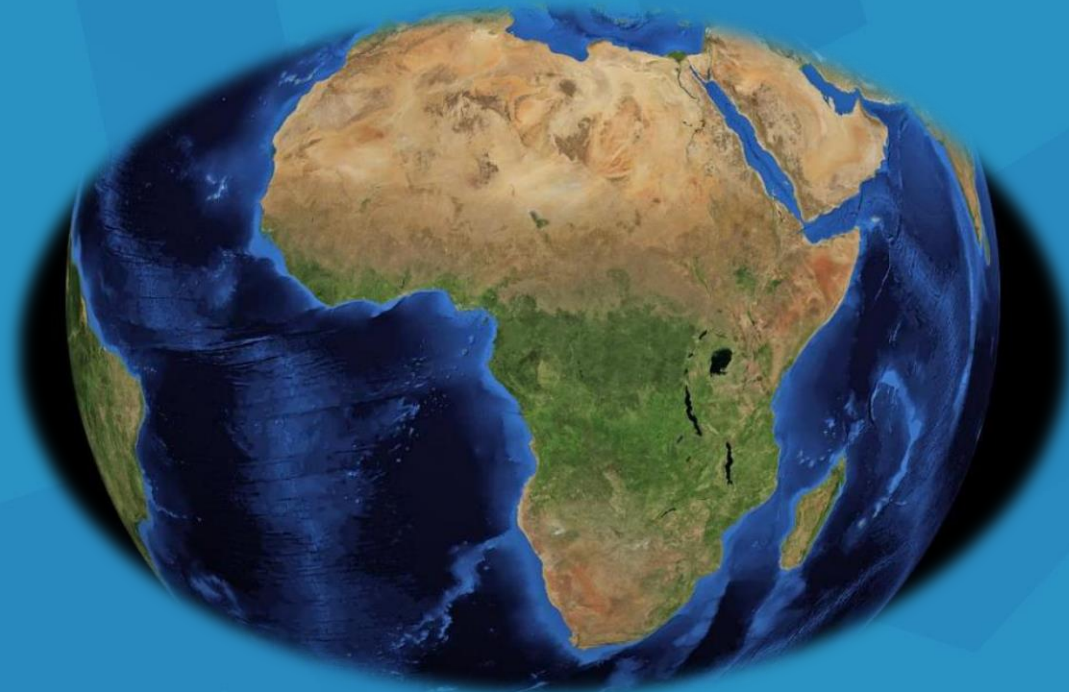
***Simone Lloyd, GISP***  
*Jamaica Co-chair support*  
*UN-GGIM Working Group On Geospatial Information and*  
*Services for Disasters &*  
*Senior GIS Manager*  
National Spatial Data Management Branch,  
Ministry Of Economic Growth & Job Creation, Jamaica

# Geospatial Information and Services for Disasters

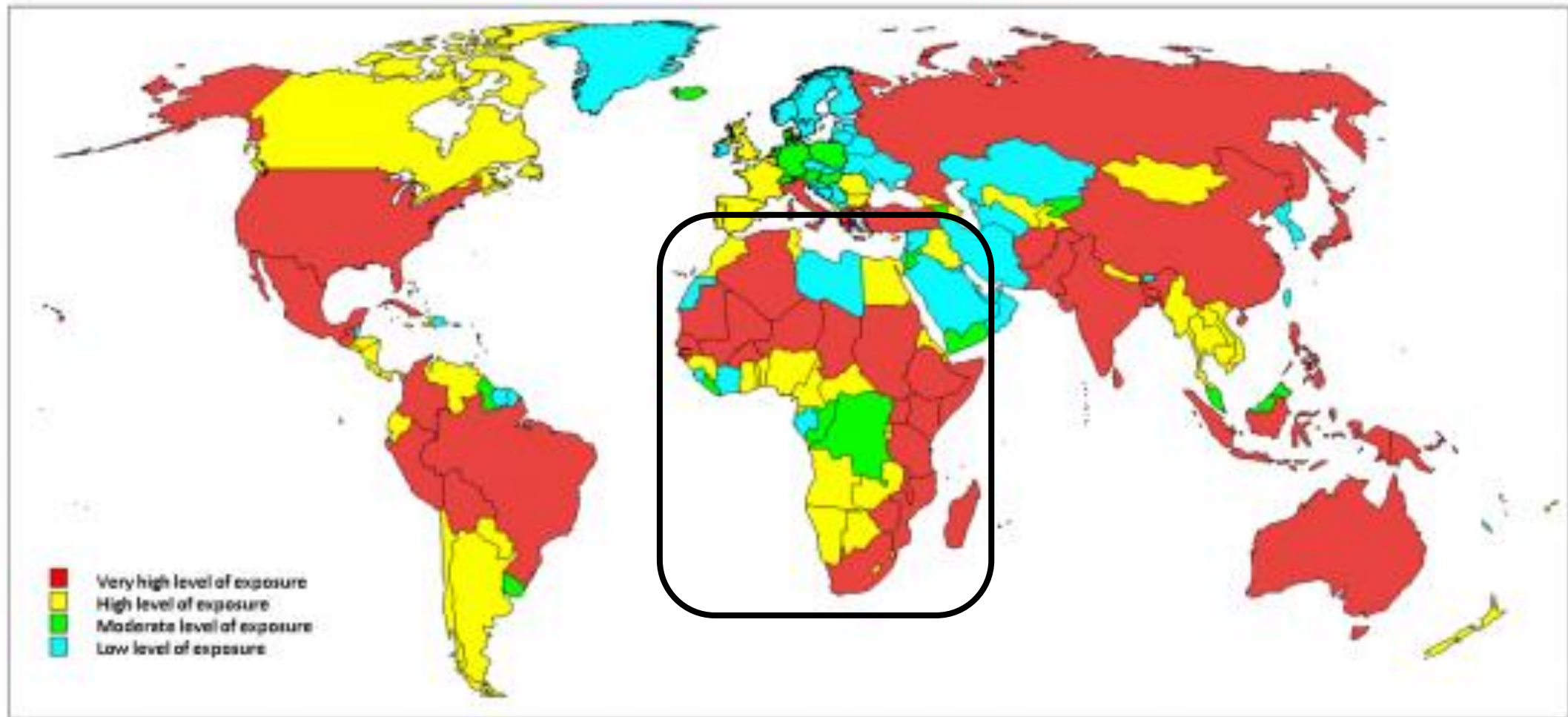
# Outline

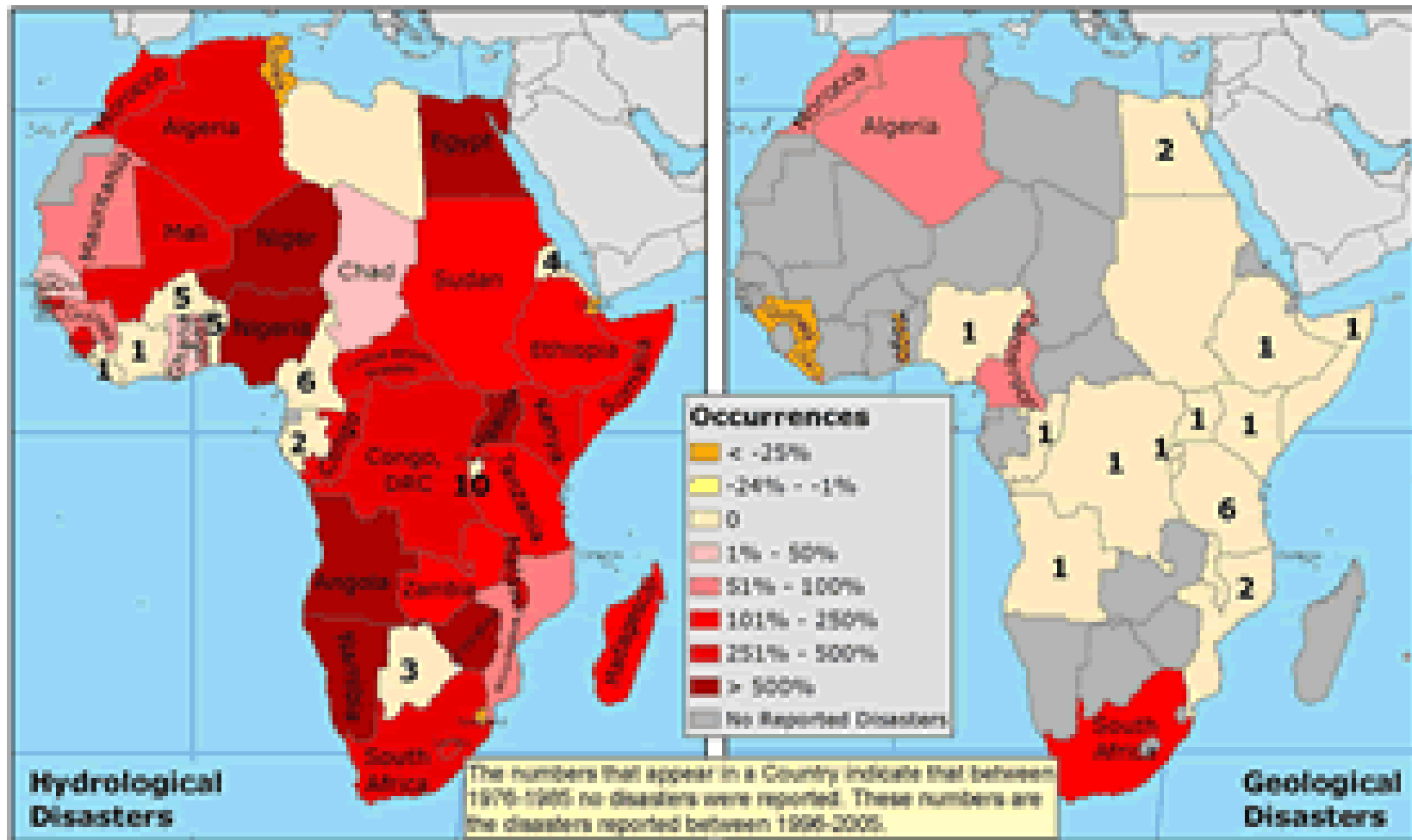
- Africa's Disaster Vulnerability
- UN-GGIM WG Disasters Background
- Strategic Framework on Geospatial Information & Services for Disasters
- Status of Strategic Framework Implementation within Africa
- Outcomes from 10<sup>th</sup> Session
- Opportunities Presented by COVID-19
- Way Forward

# 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

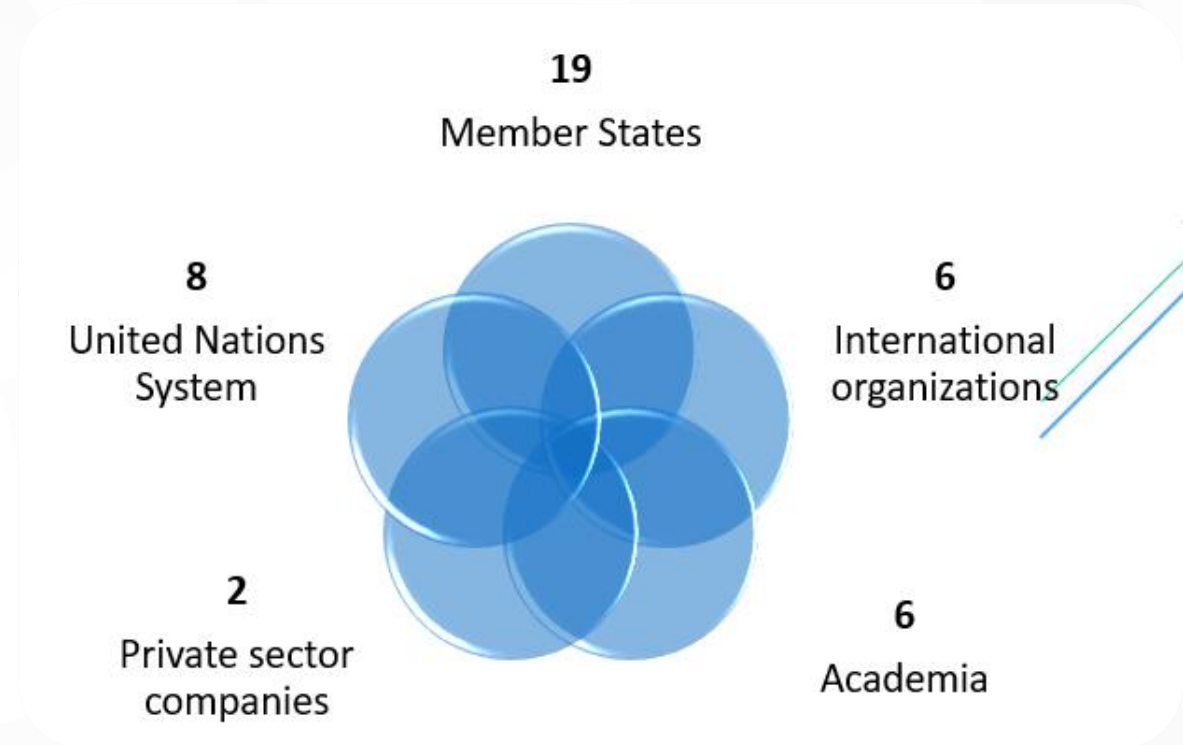


- **Co-chairmanship:** Jamaica and Japan  
(August 2019 – Present)



- **Previous Co-Chairmanship:** Jamaica and Philippines  
(2016 – 2019)

**2 Member States from Africa:**  
Algeria & Burkina Faso





# **Strategic Framework on Geospatial Information & Services for Disasters**

# UN-GGIM WG Disasters: Strategic Framework on Geospatial Information and Services for Disasters



**Access the Strategic Framework here:**

[http://ggim.un.org/documents/UN-GGIM\\_Strategic\\_Framework\\_Disasters\\_final.pdf](http://ggim.un.org/documents/UN-GGIM_Strategic_Framework_Disasters_final.pdf)

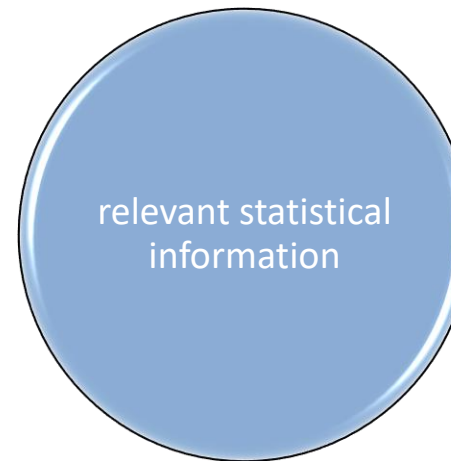
The Strategic Framework on Geospatial Information and Services for Disasters was adopted by the UN Economic and Social Council in July 2018 under resolution 2018/14 ( available in all 6 languages, see below, Documents then 2018)

[Arabic](#) [Chinese](#) [English](#) [French](#) [Russian](#) [Spanish](#)

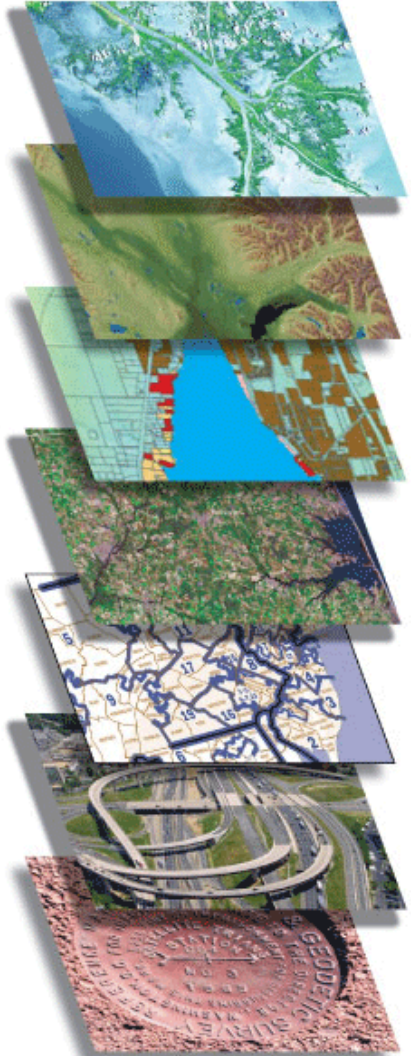


*The Framework aims to guide Member States and other stakeholders in making available and accessible all quality geospatial information and services before, during and after disaster events.*

# Use of:



# Member States



# Five Priorities for Action



Governance  
and Policies



Awareness Raising  
and Capacity Building



Data  
Management



Common Infrastructure  
and Services



Resource  
Mobilization

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).



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

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](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

Your usual cooperation will be highly acknowledged. Thank you!

Co-Chairs, WG-Disasters

Category	Description
4	The initiative is fully implemented in my country
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**Complete Strategic Framework Assessment tool:**  
<https://bit.ly/2TxLF0t>

*Americas Region deadline: August 31, 2020*  
*Global deadline: extended to Oct 2, 2020*

### 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**<sup>1</sup> for action contained in the strategic framework

0 1 2 3 4

- 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

0

### 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

0 1 2 3 4

- Remarks: \_\_\_\_\_

Questions  
focused on:

Action

Survey  
tool

Five

for

Priorities

### 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)

0 1 2 3 4

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

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

0 1 2 3 4

- 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

0 1 2 3 4

- 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

0 1 2 3 4

- 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

0 1 2 3 4

- 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

0 1 2 3 4

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



## Strategic Framework on Geospatial Information and Services for Disasters ASSESSMENT SURVEY

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](http://ggim.un.org/documents/UN-GGIM_Strategic_Framework_Disasters_final.pdf)>.

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\* Required

### BACKGROUND INFORMATION

1. Full Name \*

Enter your answer



## Strategic Framework on Geospatial Information and Services for Disasters ASSESSMENT SURVEY

### 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, and
  - Priority 5: Resource mobilization.
- (para 12 of the Annex of E/2018/L.15).



## Strategic Framework on Geospatial Information and Services for Disasters ASSESSMENT SURVEY

### 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.

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.

- 1  
☐

2  
☐

3  
☐

4  
☐

5  
☐

# 10<sup>th</sup> UN-GGIM Session

## Decision 10/108 - Geospatial information and services for disasters



# Decision 10/108 – Relevant to Africa Region

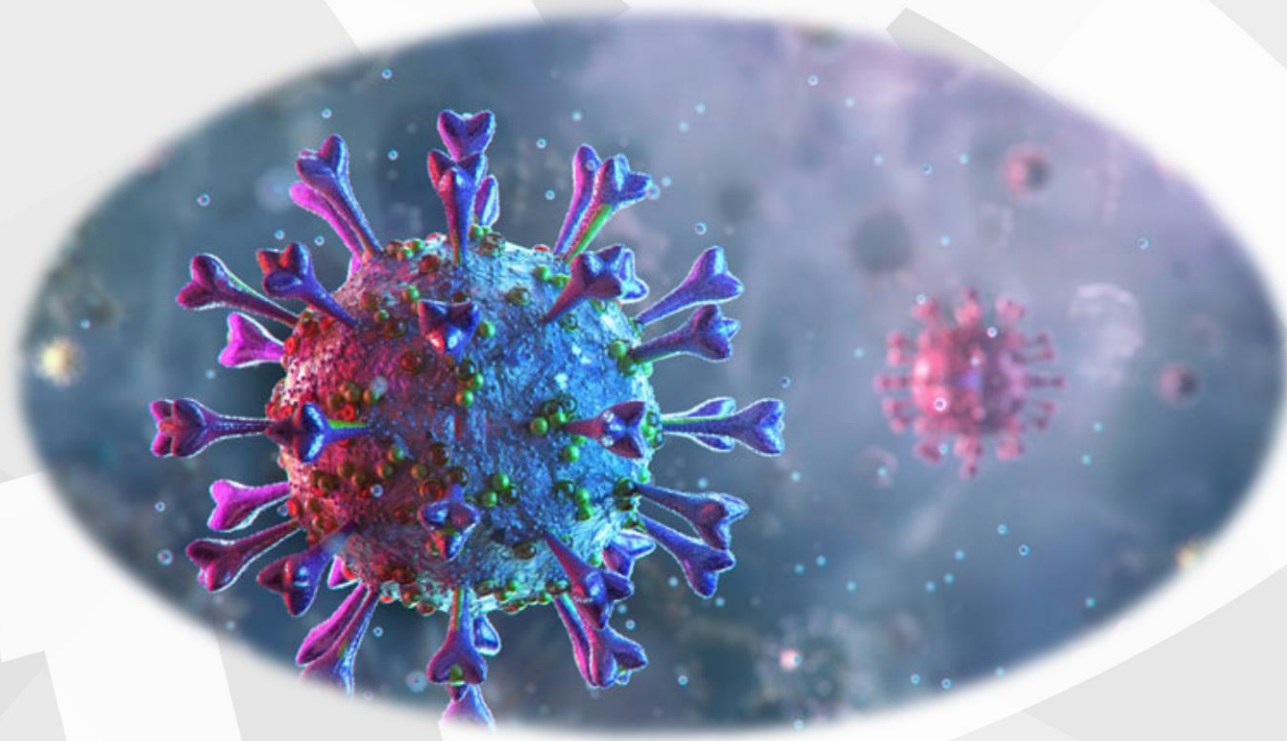
- Acknowledged that the **COVID-19 pandemic has demonstrated the critical importance of access to available and trusted geospatial information** to support decision-making during all phases of disaster risk management....
- Commended the continued efforts of the Working Group to facilitate the implementation 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 11<sup>th</sup> UN-GGIM Session (August 2021)*



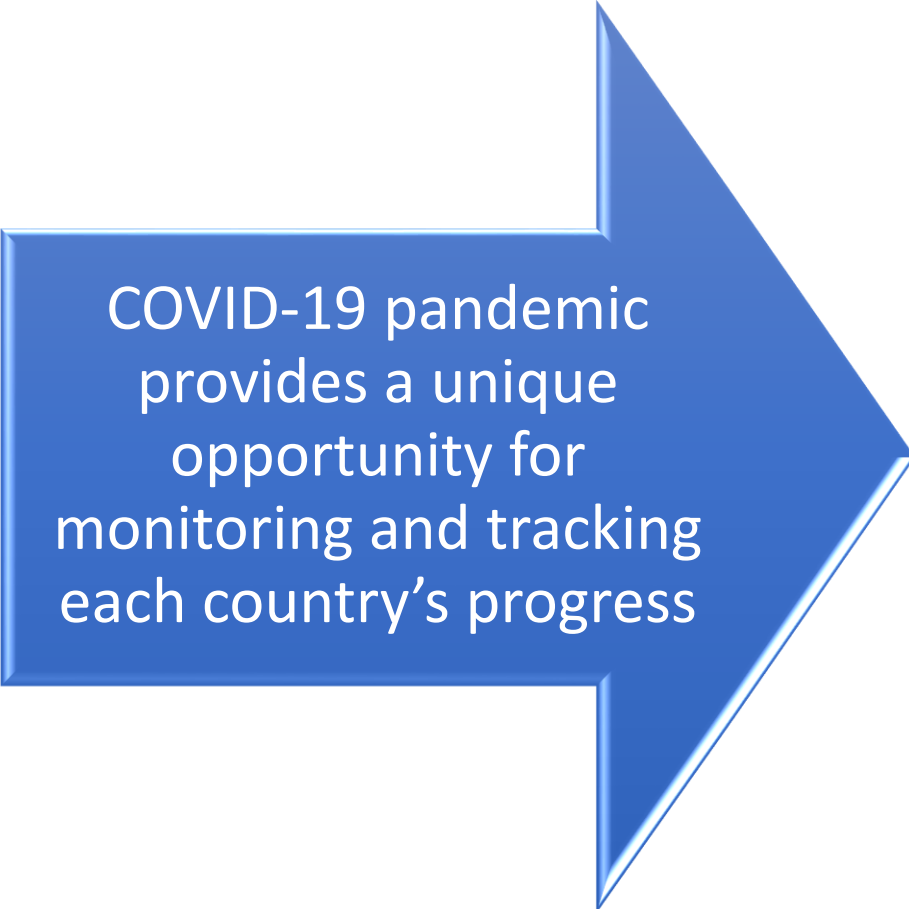
**Opportunity presented by  
COVID-19**



# 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 10<sup>th</sup> 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

• ***Simone Lloyd, GLSP***

*Jamaica Co-chair support*

*UN-GGIM Working Group on Geospatial Information and Services For  
Disasters*

*&*

Senior GIS Manager/Trainer

National Spatial Data Management Branch  
Ministry Of Economic Growth & Job Creation,  
Jamaica W.I

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