



UN-GGIM:Americas
REGIONAL COMMITTEE OF UNITED NATIONS
ON GLOBAL GEOSPATIAL INFORMATION
MANAGEMENT FOR THE AMERICAS

9° SESSION

UN-GGIM: Americas

Session 8: Strategic Framework for Geospatial Information and Services for Disasters

“Global Perspective: UN-GGIM WG Disasters”

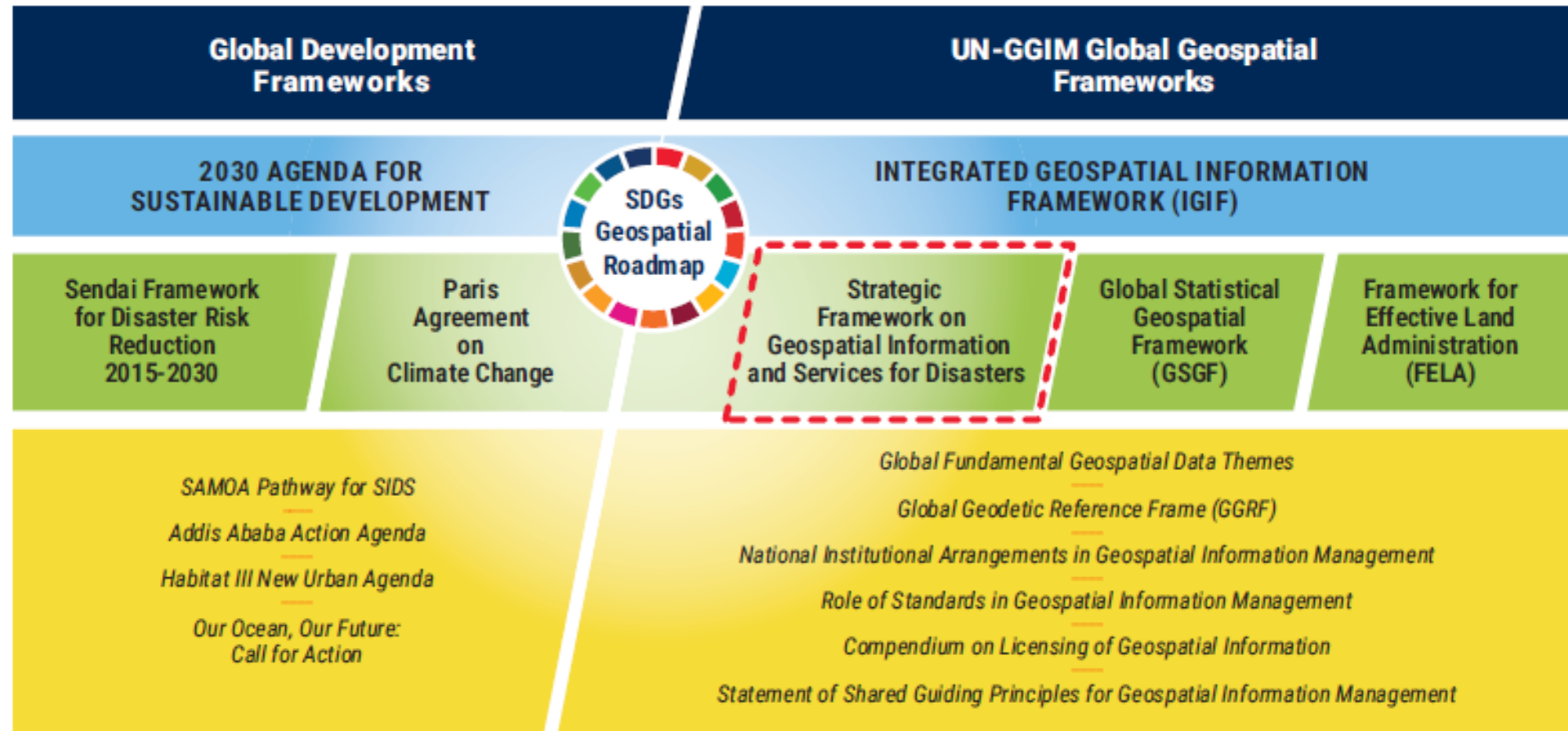
Simone M. Lloyd, GISP

Jamaica Co-Chair Support and Task Groups Lead, UN-GGIM WG Disasters

Wednesday November 30, 2022



November 28, 29 and 30
Santiago de Chile, ECLAC



UN-GGIM

United Nations Committee of Experts on Global Geospatial Information Management

THE SENDAI FRAMEWORK OUTLINES SEVEN GLOBAL TARGETS TO BE ACHIEVED BY 2030:

SUBSTANTIAL REDUCTIONS

A. Reduce global disaster mortality



B. Reduce the number of affected people globally



C. Reduce direct economic loss in relation to GDP



D. Reduce disaster damage to critical infrastructure and disruption of basic services



SUBSTANTIAL INCREASES

E. Increase the number of countries with national and local disaster risk reduction strategies



F. Substantially enhance international cooperation to developing countries



G. Increase the availability of and access to multi-hazard early warning systems



Endorsed by the UN General Assembly following the 2015 Third UN World Conference on Disaster Risk Reduction (WCDRR), and advocates for:

The substantial reduction of disaster risk and losses in lives, livelihoods and health and in the economic, physical, social, cultural and environmental assets of persons, businesses, communities and countries.



www.preventionweb.net/go/sfdr
www.unisdr.org
isdrr@un.org

Chart of the Sendai Framework for Disaster Risk Reduction 2015-2030

Scope and purpose

The present framework will apply to the risk of small-scale and large-scale, frequent and infrequent, sudden and slow-onset disasters, caused by natural or manmade hazards as well as related environmental, technological and biological hazards and risks. It aims to guide the multi-hazard management of disaster risk in development at all levels as well as within and across all sectors.

Expected outcome

The substantial reduction of disaster risk and losses in lives, livelihoods and health and in the economic, physical, social, cultural and environmental assets of persons, businesses, communities and countries

Goal

Prevent new and reduce existing disaster risk through the implementation of integrated and inclusive economic, structural, legal, social, health, cultural, educational, environmental, technological, political and institutional measures that prevent and reduce hazard exposure and vulnerability to disaster, increase preparedness for response and recovery, and thus strengthen resilience

Targets

Substantially reduce global disaster mortality by 2030, aiming to lower average per 100,000 global mortality between 2020-2030 compared to 2005-2015

Substantially reduce the number of affected people globally by 2030, aiming to lower the average global figure per 100,000 between 2020-2030 compared to 2005-2015

Reduce direct disaster economic loss in relation to global gross domestic product (GDP) by 2030

Substantially reduce disaster damage to critical infrastructure and disruption of basic services, among them health and educational facilities, including through developing their resilience by 2030

Substantially increase the number of countries with national and local disaster risk reduction strategies by 2020

Substantially enhance international cooperation to developing countries through adequate and sustainable support to complement their national actions for implementation of this framework by 2030

Substantially increase the availability of and access to multi-hazard early warning systems and disaster risk information and assessments to people by 2030

Priorities for Action

There is a need for focused action within and across sectors by States at local, national, regional and global levels in the following four priority areas.

Priority 1

Understanding disaster risk

Priority 2

Strengthening disaster risk governance to manage disaster risk

Priority 3

Investing in disaster risk reduction for resilience

Priority 4

Enhancing disaster preparedness for effective response, and to «Build Back Better» in recovery, rehabilitation and reconstruction

Understanding Disaster risk



THE SENDAI FRAMEWORK OUTLINES SEVEN GLOBAL TARGETS TO BE ACHIEVED BY 2030:

SUBSTANTIAL REDUCTIONS

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D. Reduce disaster damage to critical infrastructure and disruption of basic services



E. Increase the number of countries with national and local disaster risk reduction strategies



F. Substantially enhance international cooperation to developing countries



G. Increase the availability of and access to multi-hazard early warning systems



SUBSTANTIAL INCREASES

Aligned

Provides Member States with concrete actions to protect development gains from the risk of disaster.

Strategic Framework on Geospatial Information and Services for Disasters

Working Group on Geospatial Information and Services for Disasters (WG-GISD)
The United Nations Committee of Experts on
Global Geospatial Information Management
(UN-GGIM)

August 2017



UN-GGIM

United Nations Committee of Experts on
Global Geospatial Information Management

ggim.un.org



UN-GGIM

WG Disasters





UN-GGIM
UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT
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.



UN-GGIM

UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

WG-Disasters

Jamaica and Japan both co-chair the **United Nations Global Geospatial Information Management (UN-GGIM) Working Group on Geospatial Information and Services for Disasters**.

Vision:

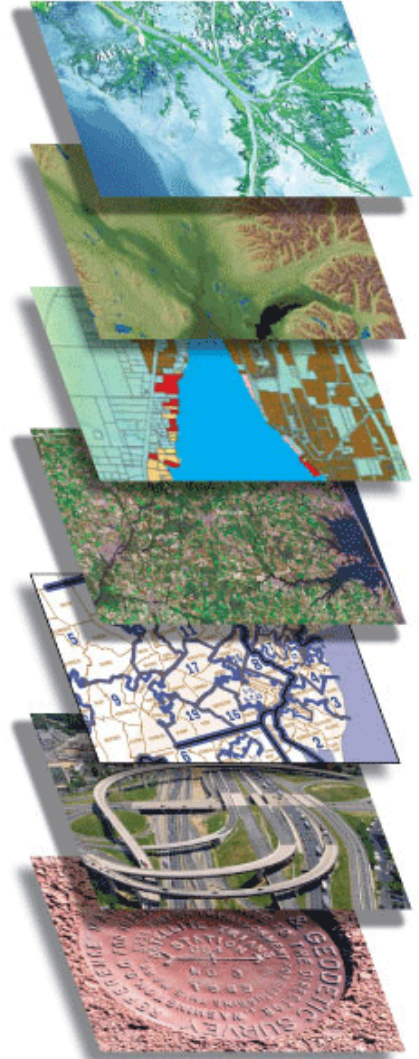
- **Accurate, timely and reliable geospatial information and services** are available, in a coordinated way, to decision makers and operational leads prior to, during and post disasters.

Provide a forum for dialogue and coordination among member states, UN system, DRR organizations etc.

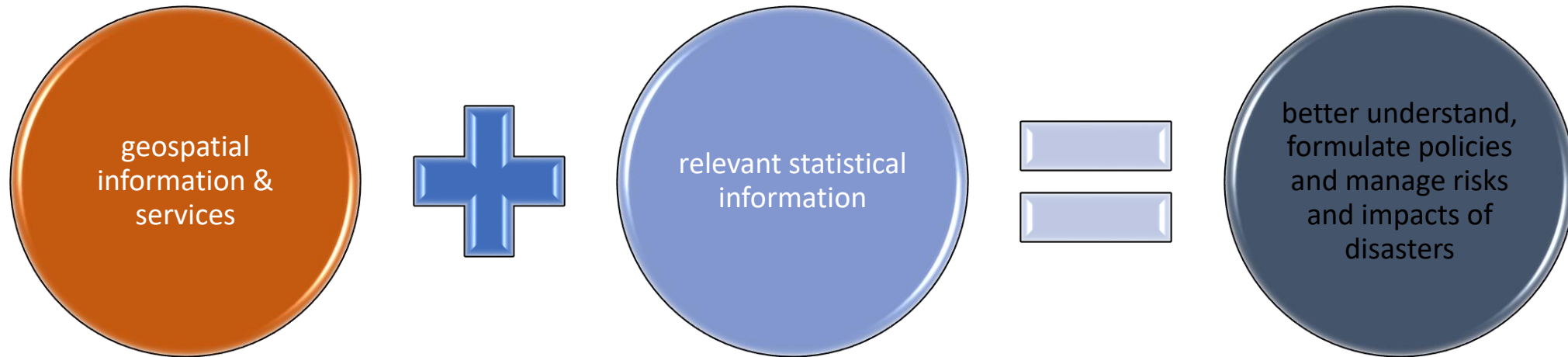
Improve the availability, accessibility and timeliness of good quality geospatial information for DRR

Encourage greater coordination and collaboration on geospatial information activities for DRM

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



UN-GGIM: Americas



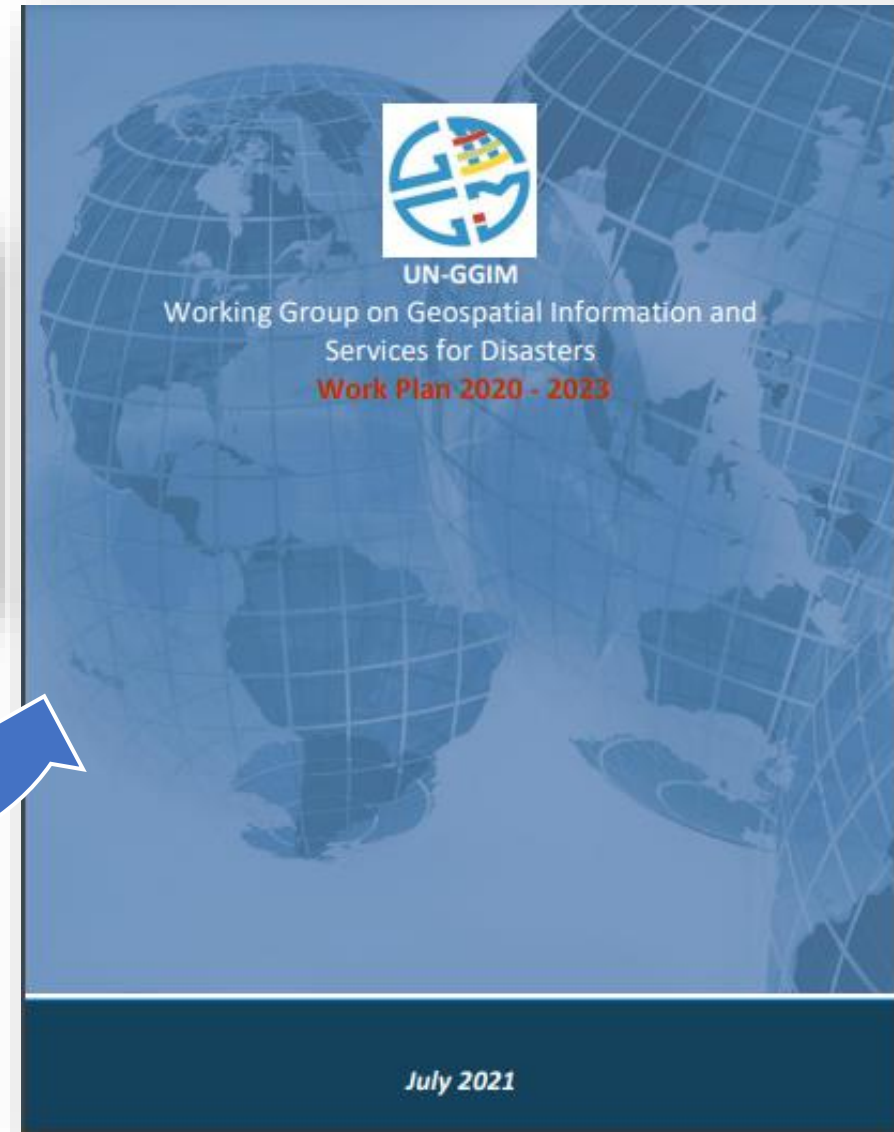
UN-GGIM

Working Group on Geospatial Information and
Services for Disasters

Work Plan 2020 - 2023

UN-GGIM WG Disasters Workplan 2020 - 2023 Execution

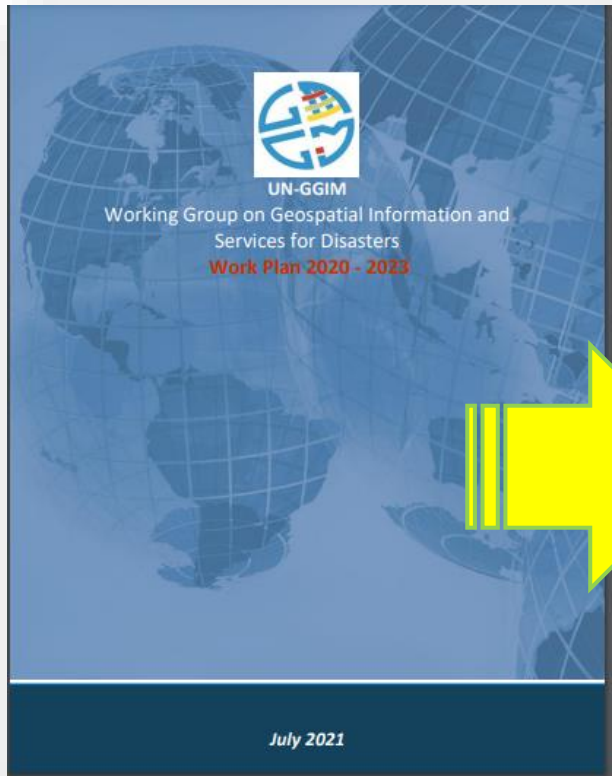
GOAL 1	GOAL 2	GOAL 3	GOAL 4
Foster Communication and Awareness Raising	Implement the Strategic Framework for Disasters	Design and prepare scenario-based exercises on different hazards	Provide a forum for dialogue, coordination and capacity building



https://ggim.un.org/meetings/GGIM-committee/11th-Session/documents/WG_Disasters_Work_Plan_draft_2021-08-4_final.pdf

UN-GGIM WG Disasters

Workplan 2020 - 2023 Execution



GOAL 1	GOAL 2	GOAL 3	GOAL 4
Foster Communication and Awareness Raising	Implement the Strategic Framework for Disasters	Design and prepare scenario-based exercises on different hazards	Provide a forum for dialogue, coordination and capacity building

Task Group A Lead: Jamaica	Task Group B Lead : Japan	Task Group C Lead: Jamaica	Task Group D Lead: New Zealand
<i>Implementation and monitoring of the Strategic Framework</i>	<i>Design and implementation of scenario-based exercises</i>	<i>Foster communication and awareness raising</i>	<i>Support the use of the Integrated Geospatial Information Framework</i>

https://ggim.un.org/meetings/GGIM-committee/11th-Session/documents/WG_Disasters_Work_Plan_draft_2021-08-4_final.pdf



UN-GGIM
WG Disasters

[Terms of Reference](#)

[Members](#)

[Task Groups](#)

[Workplans](#)

[Meetings](#)

[Documents](#)

Task Groups

▶ Group A

Japan, Jamaica, New Zealand, ESRI, UN-GGIM Academic Network

▶ Group B

China, Japan, Sweden, Uzbekistan, UNESCAP, UNITAR-UNOSAT, GEO DRR WG, CEOS WG Disaster, MapAction, GeoThings, CSIRO

▶ Group C

Jamaica, Japan, UN-GGIM Academic Network, CIESIN, CEOS WG Disaster

▶ Group D

New Zealand, Japan, Mozambique, Philippines, Poland, Thailand, UNESCAP, GEO, GeoThings

**GOAL 1:
FOSTER COMMUNICATION
AND AWARENESS RAISING**



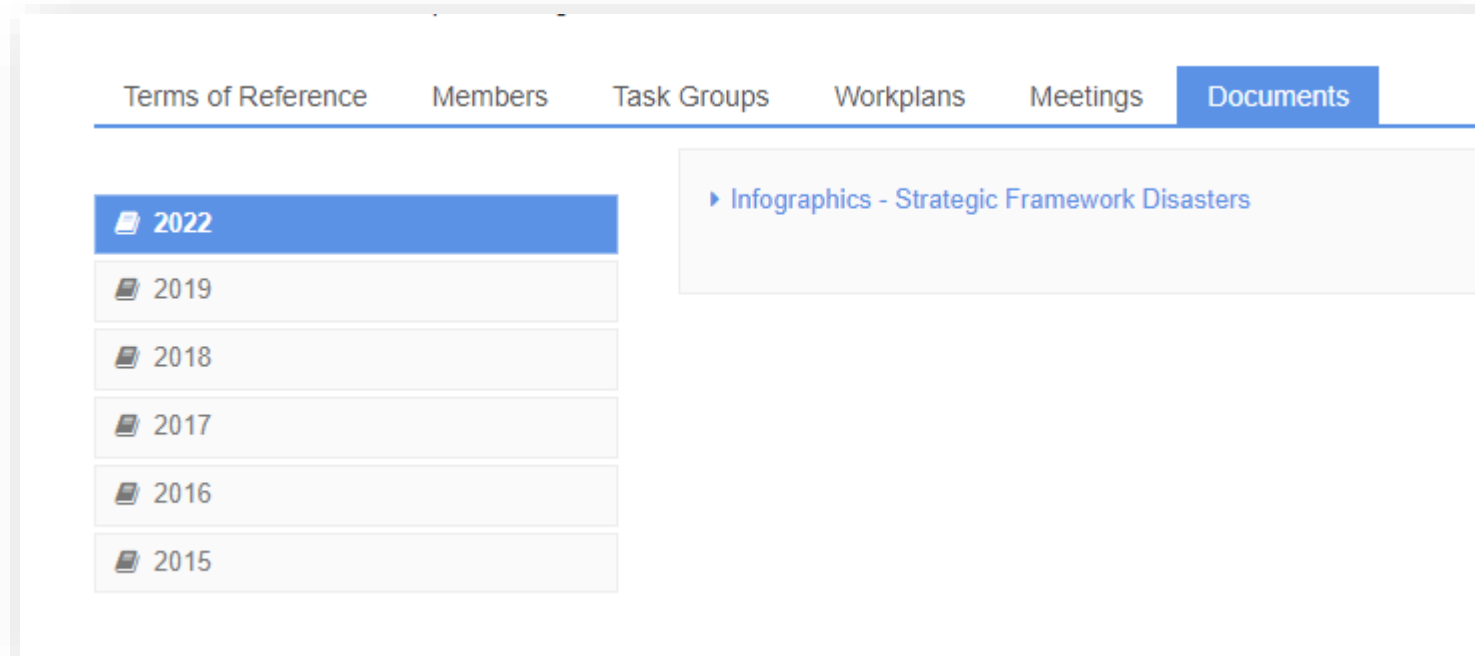
WG Infographics

ANNEX 1
SUMMARY GRAPHICS

Strategic Framework
on Geospatial
Information and Services
for Disasters

- Available on WG webpage:

[https://ggim.un.org/documents/GGI-M-Framework-Disasters Annex1%20.pdf](https://ggim.un.org/documents/GGI-M-Framework-Disasters%20Annex1.pdf)



The screenshot shows a webpage navigation menu with the following items: Terms of Reference, Members, Task Groups, Workplans, Meetings, and Documents. The Documents tab is selected. Below the menu is a list of years from 2022 to 2015, each with a document icon. The 2022 entry is highlighted. To the right of the list is a search bar containing the text "Infographics - Strategic Framework Disasters".

Year
2022
2019
2018
2017
2016
2015

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Overview of the Strategic Framework for Disasters 3

FIGURE 2

Summarizing the Strategic Framework for Disasters Priorities 4

FIGURE 3

The Strategic Framework for Disasters Within the Overall Global and UN-GGIM Frameworks 6

The **United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM)** is the apex intergovernmental mechanism for making joint decisions and setting directions on the production, availability and use of geospatial information (GI) within national, regional and global policy frameworks, and to develop effective strategies for building and strengthening geospatial information capacity, especially of developing countries. UN-GGIM supports countries to have access not only to more comprehensive and accurate data, but also to make their information systems more integrated, interoperable and accessible to support national to global development.

The *Strategic Framework on Geospatial Information and Services for Disasters* – published August 2017 – can be downloaded here: https://ggim.un.org/documents/UN-GGIM_Strategic_Framework_Disasters_final.pdf

Other UN-GGIM Frameworks and publications are available here: <https://ggim.un.org/UN-GGIM-publications/>



UN-GGIM

United Nations Committee of Experts on Global Geospatial Information Management

<https://ggim.un.org>



22-00092 – GOU – January 2022

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

SUMMARY OF UN-GGIM AND PURPOSE OF THIS ANNEX

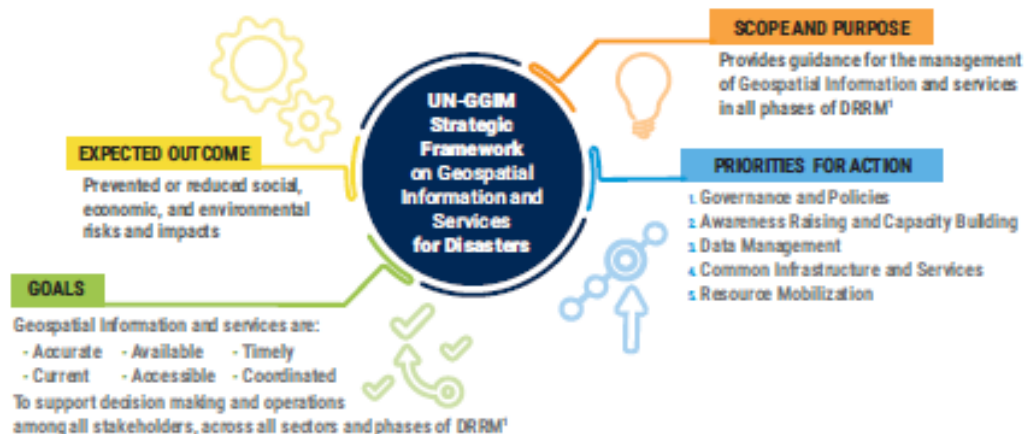
The work of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) addresses global challenges using geospatial information, including development agendas, such as the 2030 Agenda.

Key geospatial policy, coordination and capacity building frameworks and outputs developed by the Committee of Experts with support from its Secretariat, include the *Strategic Framework on Geospatial Information and Services for Disasters* (SF-GISD).

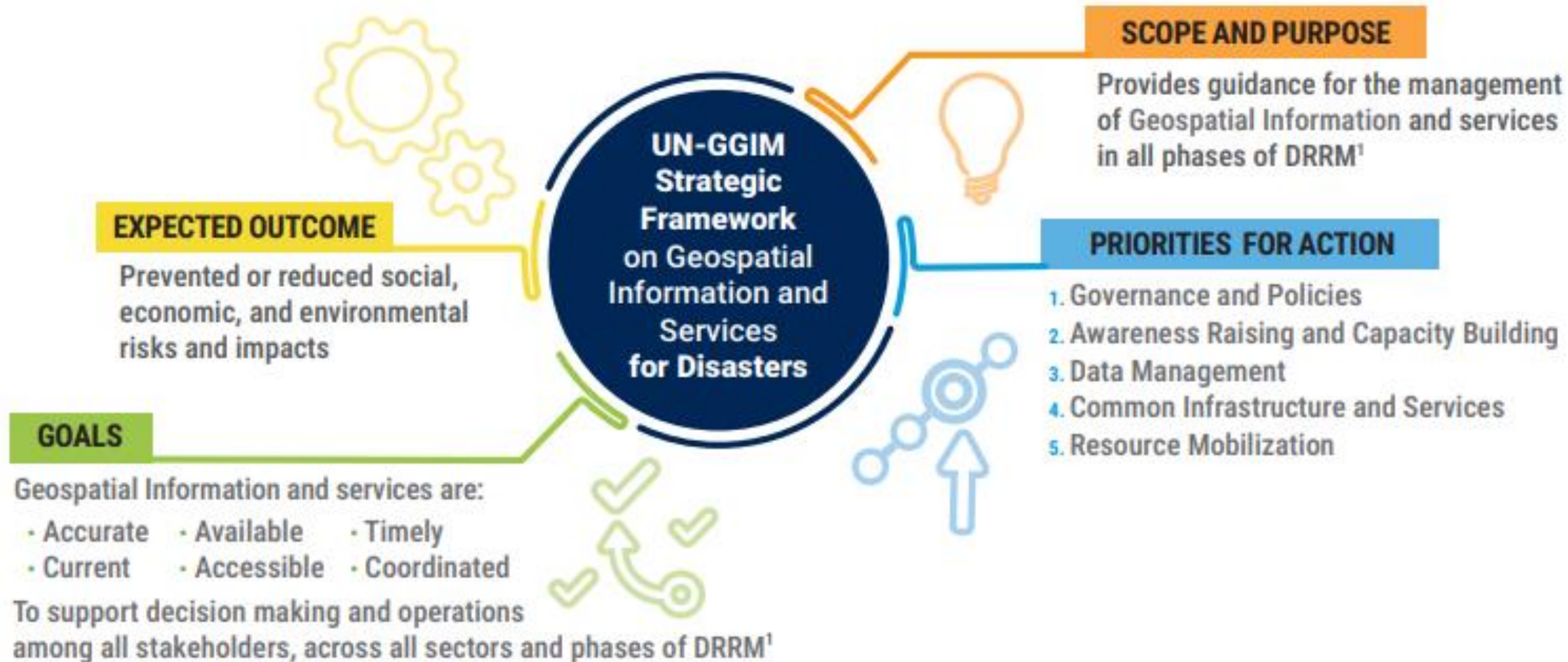
In 2018, the UN-GGIM Working Group on Geospatial Information and Services for Disasters developed the SF-GISD, which is a guide for Member States in their respective national activities to ensure the availability and accessibility of quality geospatial information and services across all phases of the emergency cycle. The SF-GISD contributes to the implementation by Member States of the Sendai Framework for Disaster Risk Reduction 2015–2030, and also builds on [General Assembly resolution 59/212](#) of 20 December 2004.

This Annex is intended to accompany the SF-GISD – and represents a summarization of some of the highlights of that document.

FIGURE 1 OVERVIEW OF THE STRATEGIC FRAMEWORK FOR DISASTERS



¹ Disaster risk reduction and management (DRRM)



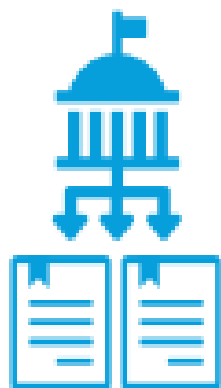
¹ Disaster risk reduction and management (DRRM)

PRIORITIES FOR ACTION

1. Governance and Policies
2. Awareness Raising and Capacity Building
3. Data Management
4. Common Infrastructure and Services
5. Resource Mobilization

PRIORITIES

1.



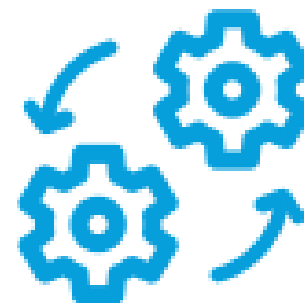
2.



3.

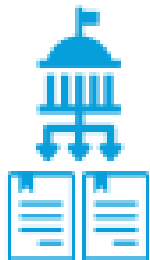


4.



5.





PRIORITY 1 – GOVERNANCE AND POLICIES

National and Local Levels

- > Political and financial support
- > A champion and/or national entity
- > Open channels of communication
- > Situational assessment and analysis
- > Plans and programmes
- > Laws and policies
- > Monitoring and evaluation

Global and Regional Levels

- > Collaboration, coordination and partnership
- > Mutual learning and exchange of good governance policies and practices
- > Share technical knowledge
- > Assessment of availability, accessibility and usage



PRIORITY 2 – AWARENESS RAISING AND CAPACITY BUILDING

National and Local Levels

- Easily understood language
- Inclusion in academic programmes
- Lead research endeavours
- Multilevel demand-driven training programmes
- Campaigns and simulation exercises
- Spatial Data Infrastructures and open data platforms
- Laws, policies and institutional gaps

Global and Regional Levels

- Long-term plan on multi-sectoral and multi-level capacity building
- Data and information management training
- Studies, research and models
- Benchmark best practices



PRIORITY 3 – DATA MANAGEMENT

National and Local Levels

- Common and accessible database system
- Hazard, vulnerability and disaster risk assessment maps
- Emergency responders common contact database
- Registry of all international humanitarian response/assistance organizations
- Humanitarian profiling and event or incident scenario building
- Business use cases and data/information product templates
- Common operational pictures of disaster events
- Data management policies
- Integrating geospatial data and statistics
- Laws, policies and institutional gaps
- Open Data community and government

Global and Regional Levels

- Open sharing of data mechanisms
- Developing global datasets
- Converge and collaborate with relevant government agencies
- Common operational pictures of disaster events
- Data management guidelines
- Best practices, established standards, protocols and processes



PRIORITY 4 – COMMON INFRASTRUCTURE AND SERVICES

National and Local Levels

- > A common infrastructure and facility
- > Common support services
- > Interoperability of all systems and processes
- > Integrity maintained for established common infrastructures and services
- > Laws, policies and institutional gaps
- > New geospatial information management technologies

Global and Regional Levels

- > Common infrastructure and services
- > Interoperability of systems and processes and share best practices
- > Establishment of regional geoportals for Disaster Risk Reduction and Management



PRIORITY 5 – RESOURCE MOBILIZATION

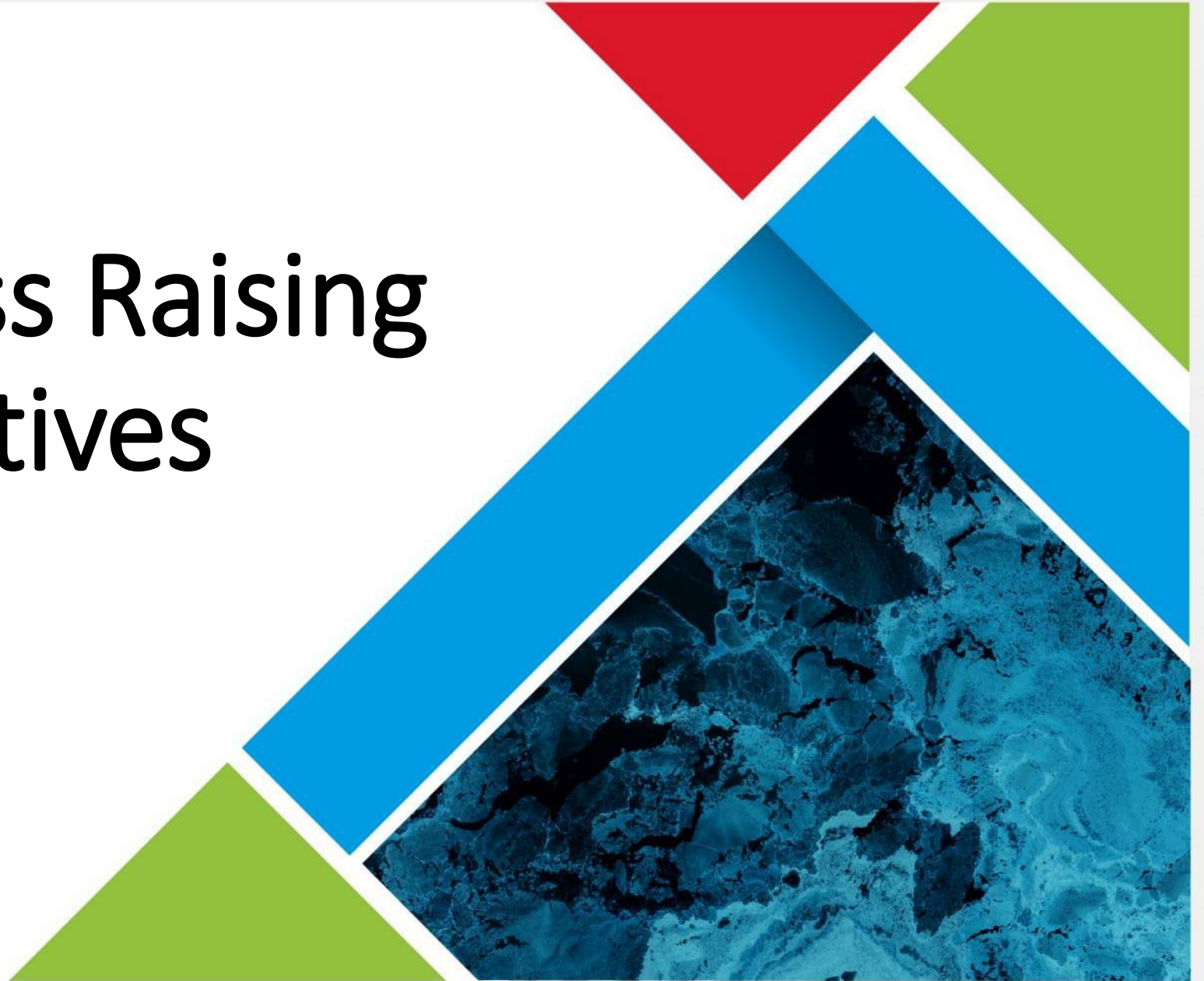
National and Local Levels

- Funding the acquisition, maintenance and updating of Geospatial Information
- Prioritize funding for the conduct of related research, development and extension activities
- Encourage private sectors to invest
- Laws, policies and institutional gaps for all resource mobilization initiatives

Global and Regional Levels

- Grants, loans and other forms of financial support
- Resource-sharing mechanisms

Awareness Raising Initiatives



GEO VIRTUAL SYMPOSIUM 2021

GEO Priority Engagement Area



**SENDI
FRAMEWORK**
FOR DISASTER RISK REDUCTION

Expanding Data Democracy for Disaster Resilience: UN-GGIM WG Disasters & UN-GGIM-Americas CariGEO

Simone Lloyd, GISP
Senior GIS Manager & Trainer, National Spatial Data Management Branch
Jamaica Co-chair support, UN-GGIM WG Disasters &
Jamaica Focal Point, UN-GGIM CARIGEO Steering Committee

PARALLEL SESSION: GEO Strategies, Partnerships and Services for Disaster Risk Reduction

Tuesday June 22, 2021



EARTH SCIENCE
APPLIED SCIENCES

[ABOUT](#) [WHAT WE DO](#) [OUR IMPACT](#)

NEWS

Caribbean GeoPortal Integrates NASA Geospatial Products

PROGRAM AREA: [DISASTERS](#)

REGION: [NORTH AMERICA](#)

[HOME](#) / [OUR IMPACT](#) / [NEWS](#)

[HOME](#) / [OUR IMPACT](#) / [NEWS](#)



7th Regional Meeting of UN-GGIM: Africa

“Geospatial Information and Services for Disasters - The Strategic Framework”

Day 4 - Thursday November 25, 2021

11:00 am - 1:00 pm (UTC/GMT) / 6:00 - 9:00 am (UTC/GMT-5)

“Geospatial Data Driving DRRM during the Decade of Action”



UN-GGIM
EUROPE

UNITED NATIONS
COMMITTEE OF EXPERTS ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT



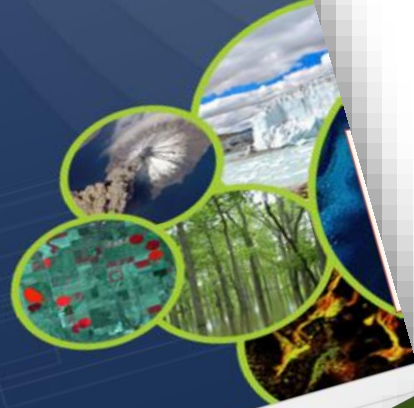
Name: **Simone Michelle Lloyd, GISP**
Event: 8th UN-GGIM: Europe Session
Date: Wednesday October 13, 2021



Committee on Earth Observation Satellites

WGDisasters Virtual Meeting-16

UN-GGIM WG Disasters Update



Simone Lloyd, GISP
Jamaica Focal Point, UN-GGIM & Co-chair support, UN-GGIM WG Disasters
CARIGEO Steering Committee
Principal Director (Acting),
National Spatial Data Management Branch &
Land Information Council of Jamaica
Ministry of Housing, Urban Renewal, Environment & Climate Change
September 23, 2021

GEO VIRTUAL SYMPOSIUM 2022 GLOBAL ACTION FOR LOCAL IMPACT 2-5 MAY 2022



Addressing Systemic Risk in Jamaica

Simone Lloyd, GISP
Principal Director (Acting), National Spatial Data Management Branch (NSDMB),
National Emergency Response GIS Team (NERGIST) Coordinator, Ministry of Economic Growth and Job Creation (MEGJC),
Jamaica Focal Point – UNGGIM and
Jamaica co-chair support and Task Groups leadership – UN-GGIM Working Group on Disasters



<https://www.caribbeangeoportal.com/>

Caribbean Geoportal Webinar series

(April - August 2021)

Webinar #1:
**Learn How You Can Use
the Caribbean GeoPortal**
(April 21, 2021)

Webinar #2:
**Leveraging the Caribbean
GeoPortal for Disaster
Planning and Management**
June 22, 2021

Webinar #3:
**Metadata, Maintenance &
Best Practices on Data
Sharing**
(August 26, 2021)

“CARIGEO Webinar 2: Caribbean Geoportal - Disasters”

Using the Caribbean GeoPortal for Disaster Management and Response



Caribbean GeoPortal



UN-GGIM WG on Geospatial Information and Services for Disasters (WG-Disasters)

CARIGEO Caribbean Geoportal Webinar 2: “Leveraging the Caribbean Geoportal for Disaster Planning and Management”

June 22, 2021
10:00 – 12:00 pm (EST)

Simone Lloyd, GISP
Senior GIS Manager & Trainer, National Spatial Data Management Branch
Jamaica Co-chair support, UN-GGIM WG Disasters &

- Webinar recording available via: <https://www.youtube.com/watch?v=seekUoKUTIA>
- WG Disasters presentation available via: http://ggim.un.org/documents/Caribbean_Geoportal_Webinar2.pdf

UN-ECLAC Port of Spain DRM Workshops



UN ECLAC DRM Workshop #1:

“Policy Issues Towards Effective Applications of Geospatial Technology & Data in Support of DRM in the Caribbean”

“Supporting Geo-enabled DRM within the Caribbean Region”

Monday August 30, 2021
9:00 - 12:00 am (UTC-04)



UN ECLAC DRM Workshop #2:

“Technical Issues Towards Effective Applications of Geospatial Technology & Data in Support of DRM in the Caribbean”

“UN Global Geospatial Information Management (UN-GGIM)
Working Group Disasters”

Monday September 6, 2021
9:00 - 12:00 am (UTC-04)

2:59 AM

UN-GGIM
UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

**UN-GGIM WORKING
GROUP DISASTERS:
"DRR Geospatial Information &
Services Platforms Inventory"**

Please assist us by filling in details regarding Disaster
Risk Reduction geospatial information and services
platforms that are in existence.

1. Disaster Geospatial Information &
Services Platform/Resource Name*

2. Platform Website*

3. Image of Platform Home Page

<https://arcg.is/CKPOT>

DRR Inventory Surveys

(113 contributions)

3:29 AM

UN-GGIM
UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

**UN-GGIM WORKING GROUP
DISASTERS:
"DRR Organizations Inventory"**

Please assist us by filling in details regarding Disaster
Risk Reduction organizations that are in existence.

1. Disaster Risk Reduction Organization
(Name & Acronymn)*

2. Organization Website*

3. Image of Organization Home Page

Select image file

4. Mandate/Aim/Goal*

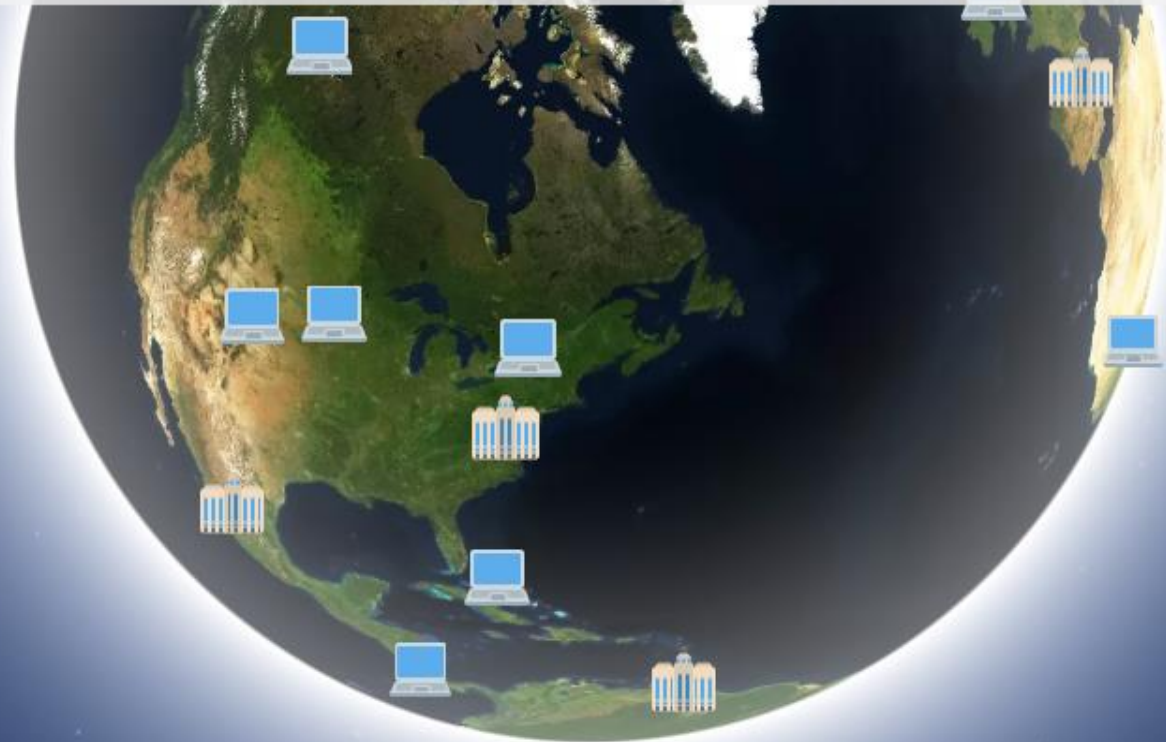
<https://arcg.is/1jfGji2>

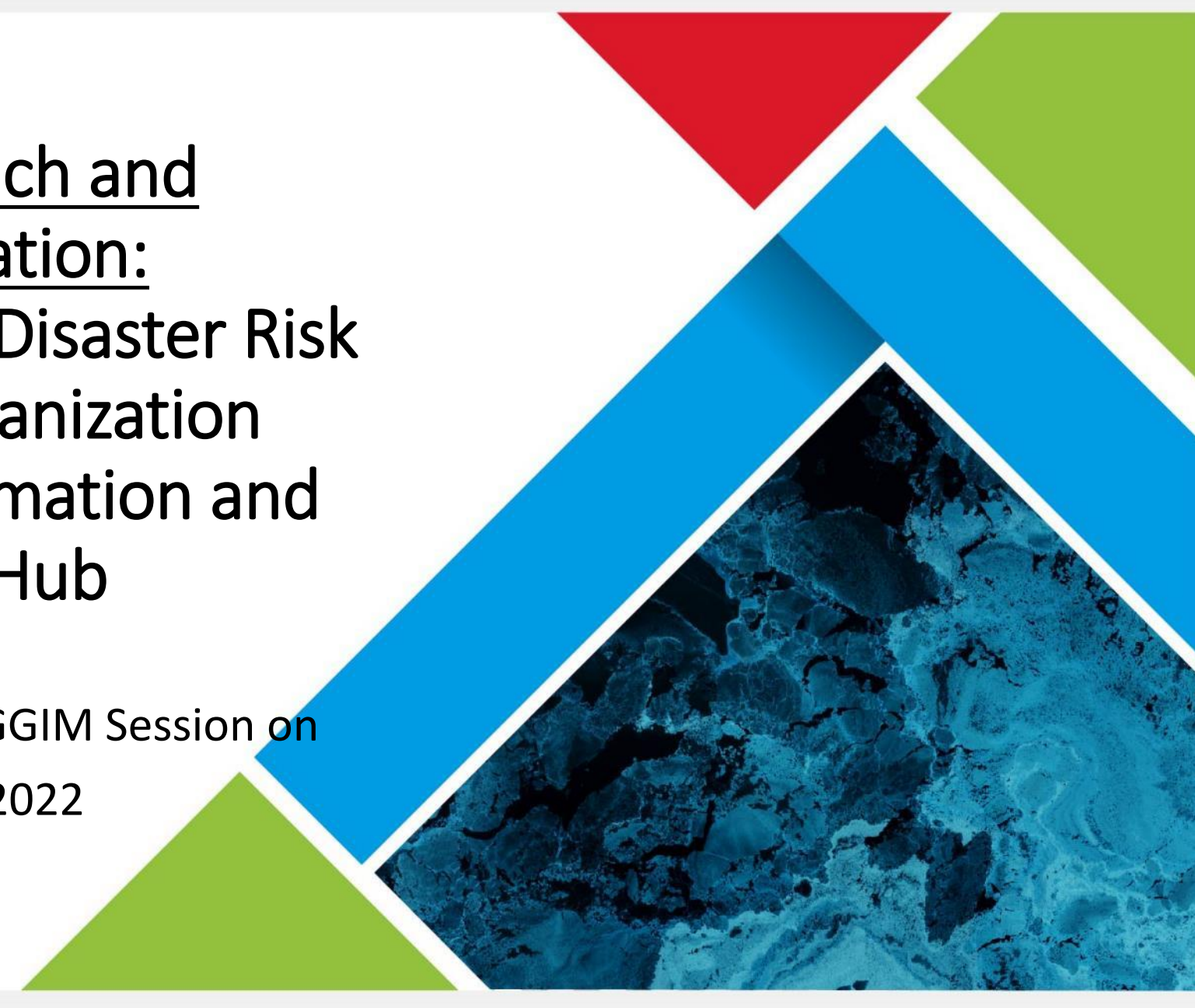
- Two surveys developed for administration to facilitate the development and maintenance of a Global DRR Inventory Hub.
- Global administration of both surveys (June - July 2021)

United Nations Global Geospatial Information Management (UN-GGIM) Working Group on Geospatial Information and Services for Disasters

Global Disaster Risk Reduction (DRR) Organizations, Geospatial Information Services and Platforms Inventory Hub

Click icons on the globe to see the information provided.



A decorative graphic on the right side of the slide. It features a large blue triangle pointing upwards, which contains a satellite-style image of a landscape. This blue triangle is bordered by a red triangle at the top, a green triangle at the bottom, and a blue triangle on the right side. The background of the slide is white.

Official Launch and
Demonstration:
UN-GGIM Global Disaster Risk
Reduction Organization
Geospatial Information and
Services Hub

Launched at 12th UN-GGIM Session on
August 1, 2022



Hub Launch



UN-GGIM WG Disasters Webpage

[UNSD — UN-GGIM](#)

United Nations » Department of Economic and Social Affairs » Statistics Division

 Statistics Division

TOPICS ▾

DATA ▾

METHODOLOGY ▾

EVENTS ▾

PUBLICATIONS

ABOUT ▾



Working Group on Geospatial Information and Services for Disasters

Mandate

The working group was established under decision 5/110 at the fifth session of the Committee of Experts in August 2015 with the mandate to develop and implement a strategic framework that brings all stakeholders and partners involved in Disaster Risk Reduction and/or Emergency Management together to ensure that quality geospatial information and services are available and accessible in a timely and coordinated way to support decision-making and operations within and across all sectors and phases of disaster risk management.

Co-Chairs



Jamaica
Ms. Michelle Edwards
Office of Disaster Preparedness and Emergency
Management




Japan
Mr. Shoichi Oki
Geospatial Information Authority of Japan

Annual sessions

- [▶ Twelfth session](#)
- [▶ Eleventh session](#)
- [▶ Tenth session](#)
- [▶ Ninth session](#)
- [▶ Past sessions](#)

Overview

- [▶ Mandates](#)
- [▶ Aims and Objectives](#)
- [▶ Bureau](#)
- [▶ Regional Committees](#)
- [▶ Functional Groups](#)
- [▶ Thematic Groups](#)

A decorative graphic on the right side of the slide. It features a large, stylized mountain or peak shape composed of several overlapping geometric sections. At the top left is a red triangle. To its right is a green trapezoidal shape. Below these are two blue diagonal bands that cross each other. The bottom right section of the graphic is a satellite-style image of a coastline, showing dark blue water and light blue/white landmasses. The entire graphic is set against a white background.

**GOAL 2:
IMPLEMENT THE STRATEGIC
FRAMEWORK FOR DISASTERS**

Global Survey Administration

- The survey was prepared as an online form and circulated to the UN-GGIM Member States, and observers in June 2020, with a completion deadline of 2nd October 2020.



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>.

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. 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.

* Required

BACKGROUND INFORMATION

1. Full Name *

Enter your answer

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>.

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

Assessment Survey Structure

Five Priorities for Action



Governance and Policies



Awareness Raising and Capacity Building



Data Management

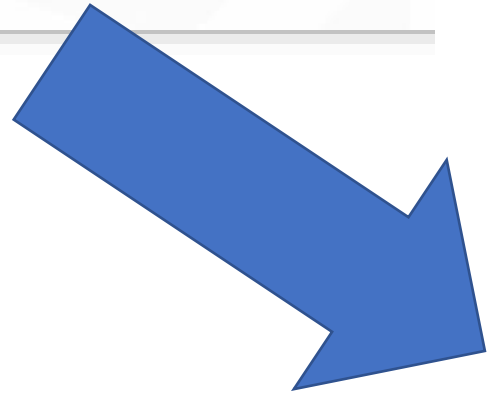


Common Infrastructure and Services



Resource Mobilization

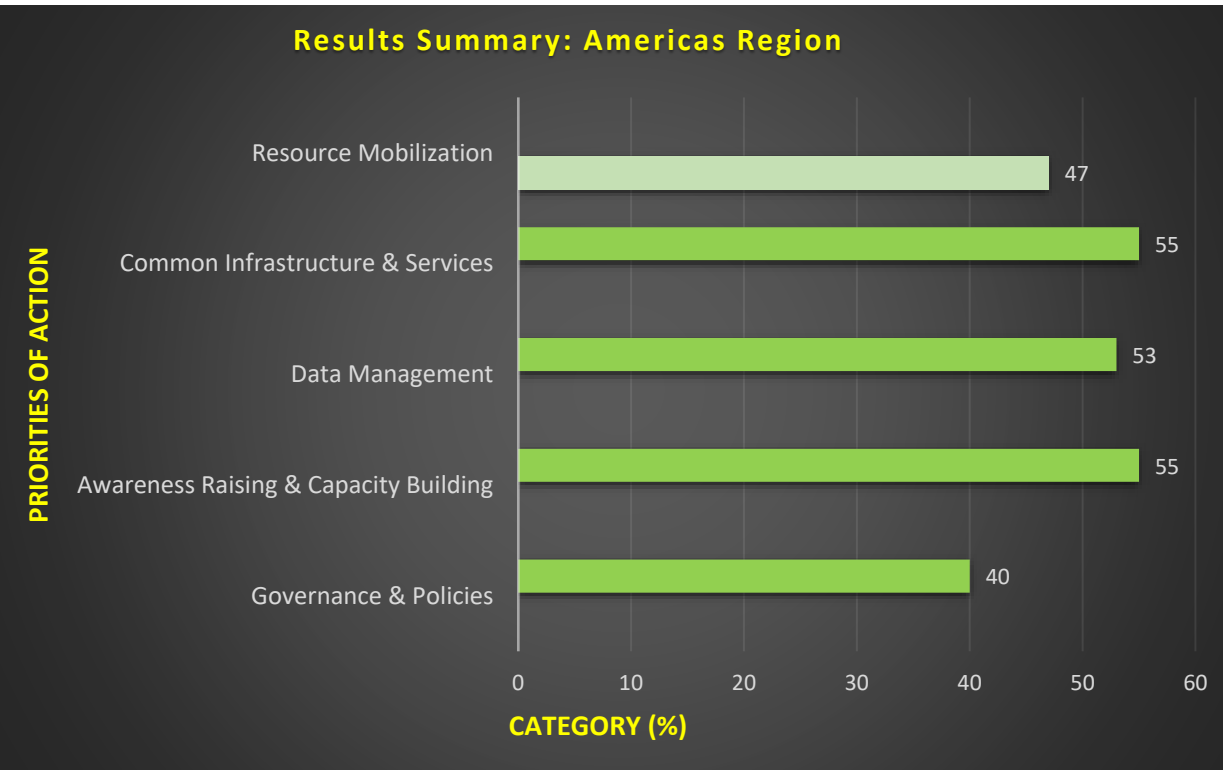
Advance the use of Geographic information to support **Disaster Risk Reduction** in the Member States.



Assessment Survey Rating Scale

Category	Description
5	The initiative is fully implemented in my country
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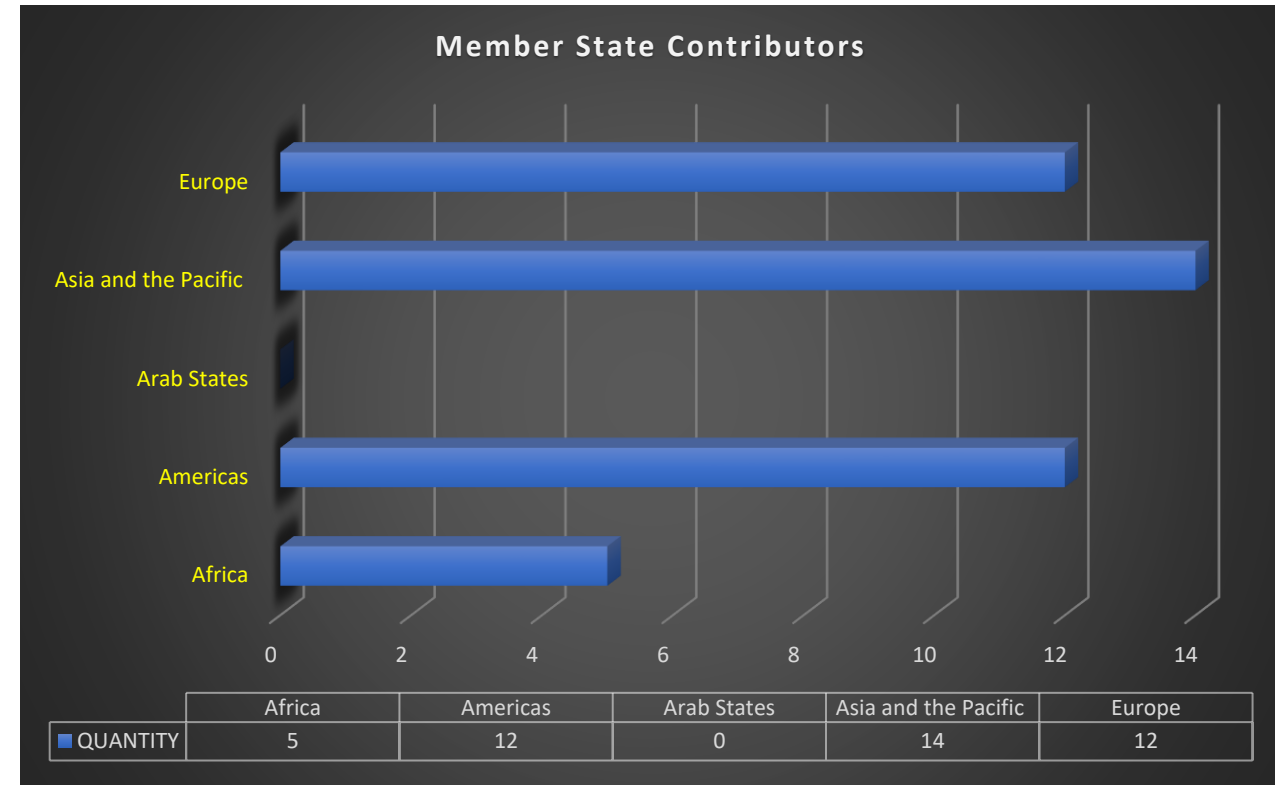
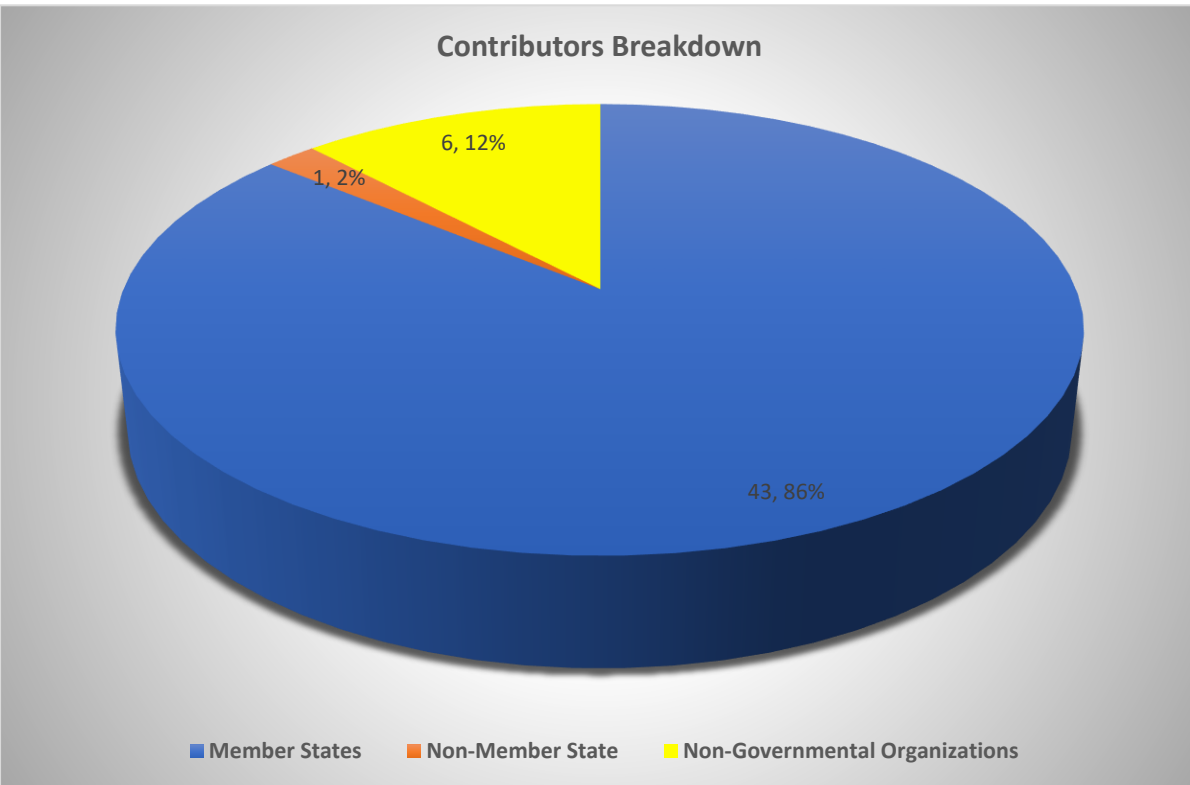
Assessment Results: Americas Region



For **priority areas 1 through 4**, an overwhelming majority of the respondents indicated **achieving level 3**, whereby the geospatial information and services enabled DRM initiative is currently being implemented in their country, with major tasks still needing to be undertaken:

- **Level 3 Breakdown:**
 - 40% - Governance and Policies,
 - 55% - Awareness Raising and Capacity Building,
 - 53% - Data Management and
 - 55% - Common Infrastructure and Resources.
- Very promising results - countries are aware of and have started to implement actions towards ensuring the use of geospatial information (including EO technology and products) and related services in response to disasters.
- On the other hand, 47% indicated attaining level 2 for Resource Mobilization, indicating that such activities towards enabling utilizing of geospatial information and services for DRM initiatives have not yet been implemented in their country
- Results were presented during 7th Session of UN-GGIM: Americas (2020)

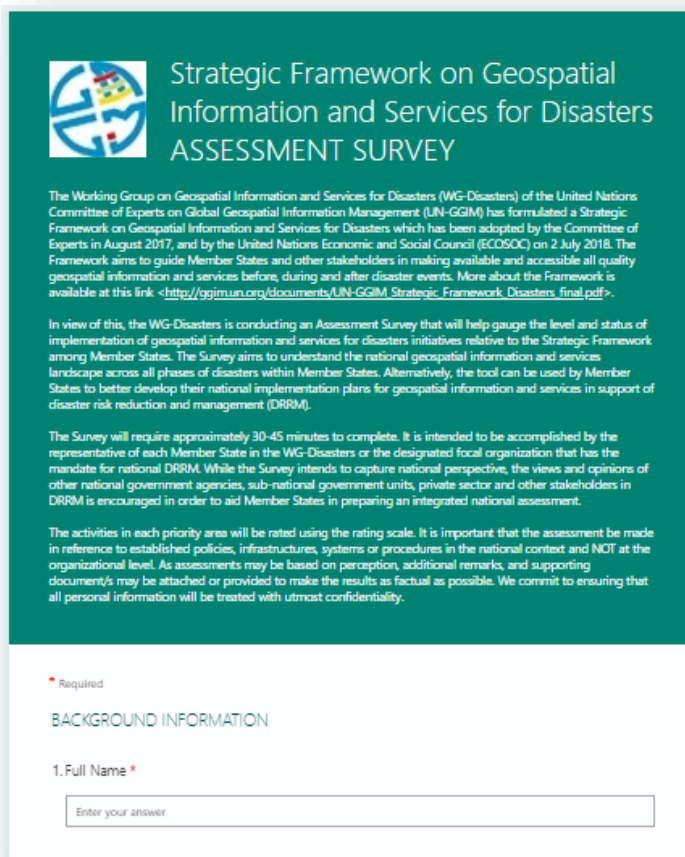
Analysis Process




The analysis was undertaken using the 43 responses from Member States and assessment executed for three regions namely the Americas, Europe and Asia and the Pacific. Analysis was not undertaken for Africa given the low number responses received that would not allow for a true representative sample and related results. No responses were received from the Arab States.

Background Paper: “Assessment 2020 Results - Strategic Framework on Geospatial Information & Services for Disasters”

- Background Paper: “Assessment 2020 Results - Strategic Framework on Geospatial Information & Services for Disasters”.
- <https://ggim.un.org/meetings/GGIM-committee/11th-Session/documents/Assessment-Results-2020-Strategic-Framework-dr.1.pdf>
- Global Administered Assessment Survey (July - Oct 2020)
- Published background paper during 11th UN-GGIM Session (Aug-Sept 2021)



 Strategic Framework on Geospatial Information and Services for Disasters
ASSESSMENT SURVEY

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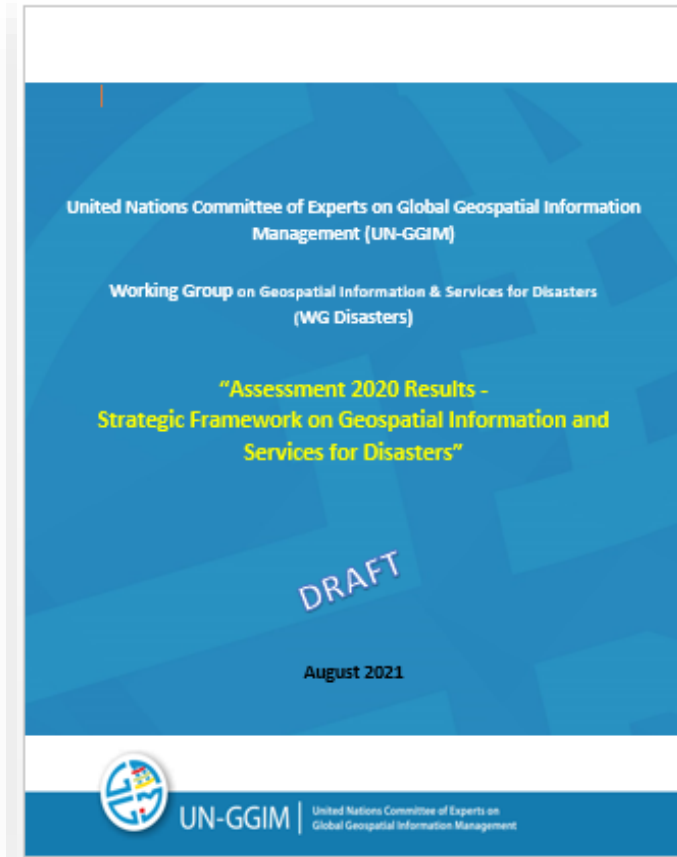
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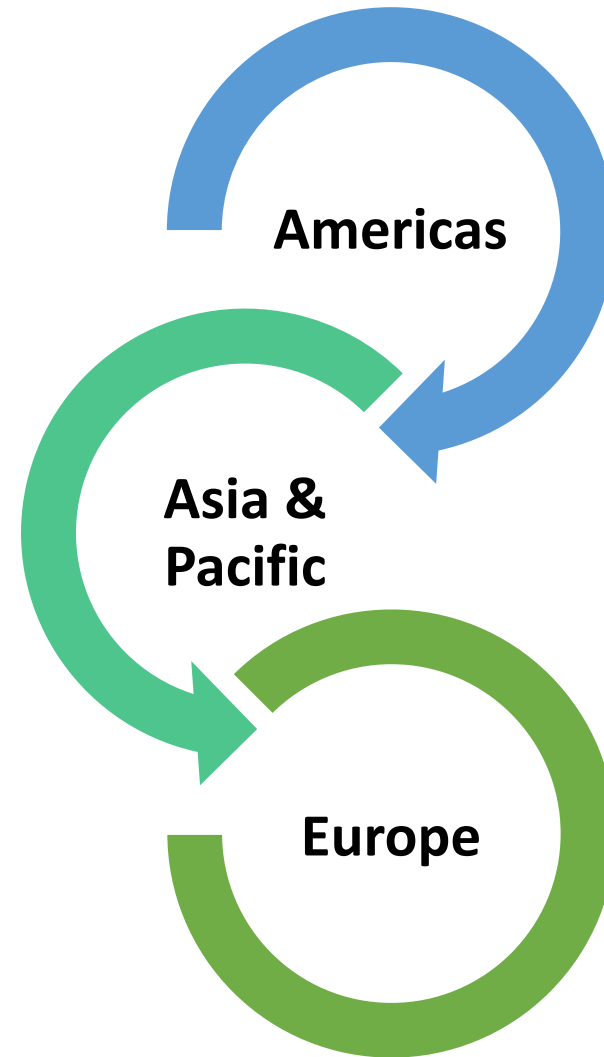
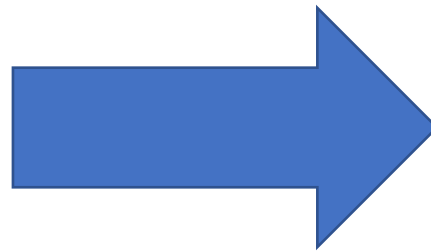
* Required

BACKGROUND INFORMATION

1. Full Name *



Regional Perspective Facilitated



Strategic Framework – Assessment Tool

- Re-open the assessment tool for:
 - re-administration within the **Caribbean region** to support greater response, analysis of results, monitoring and implementation. Responses were analyzed with others of the Americas region, however would like to pursue greater examination for the sub-region. Facilitated with support of UN-ECLAC Port of Spain in 2021-22, however there was low response by Caribbean countries.
 - re-administration in **Africa and Arab States** given very limited or no responses to support greater response, analysis of results, monitoring and implementation. This will be in collaboration with the United Nations Economic Commission for Latin America & the Caribbean (UNECLAC)

The screenshot shows a green header with the UN logo and the title "Strategic Framework on Geospatial Information and Services for Disasters ASSESSMENT SURVEY". Below the header is a paragraph of text explaining the survey's purpose and objectives. The text is as follows:

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Below the text is a form section titled "BACKGROUND INFORMATION" with a sub-heading "1. Full Name *". There is a text input field with the placeholder "Enter your answer".

Re-administration of the “UN-GGIM Strategic Framework on Geospatial Information and Services for Disasters” Assessment Survey in the Caribbean

- Jointly through **UN-GGIM: America’s CARIGEO Steering Committee and UN ELAC (CEPAL & POS)**, official letters submitted to heads of disaster response/geospatial agencies to support re-administering of Strategic Framework Assessment tool, with a completion date of **November 30, 2021**.
- Email subject matter: **Re-administration of the “UN-GGIM Strategic Framework on Geospatial Information and Services for Disasters” Assessment Survey in the Caribbean**
- Antigua & Barbuda
- Barbados
- Bahamas
- St. Lucia
- Suriname
- Belize
- Grenada
- St. Kitts and Nevis



The Aguascalientes Declaration, “Better Together: Geospatial Information for decision making in the Americas”, September 2020

is one such regional initiative which aims to strengthen and improve collaboration among regional bodies in the Americas on the use of EO, geospatial, statistical and other information to support national development priorities

Aguascalientes Declaration Joint Action Plan: Disasters Language

- Drafting facilitated by representatives of **UN-GGIM WG-Disasters, UN-GGIM: Americas Disasters WG, GEO DRR WG and AmeriGEO Disasters WG** in October 2021, for inclusion under the “Communication, Cooperation, and Coordination” section of the Aguascalientes Declaration draft Joint Action Plan at UN-GGIM: Americas 8th Session:
- *“Brought together by the Aguascalientes Declaration’s call upon stakeholders to work together to further define joint work strategies and programs, the UN-GGIM WG-Disasters, UN-GGIM: Americas Disasters WG, GEO DRR WG and AmeriGEO Disasters WG convened with the objective of mutually advancing regional integration of geospatial data and Earth observations for Disasters Risk Reduction (DRR) in the Americas. These global and regionally oriented working groups are committed to continued integration of work plan activities through quarterly coordination meetings. Shared priorities will include the improved uptake and use of geospatial, statistical and Earth observation insights by national DRR stakeholder and in particular capacity building, standards setting, awareness raising and making relevant data discoverable.”*

A decorative graphic on the right side of the slide. It features a large blue triangle pointing upwards, which contains a detailed image of a coral reef. This triangle is bordered by a thick blue diagonal band. Above the blue triangle is a red triangle pointing downwards. To the right of the red triangle is a green triangle pointing upwards. Below the blue triangle is another green triangle pointing upwards. The entire graphic is set against a white background.

**GOAL 4:
PROVIDE A FORUM FOR DIALOGUE,
COORDINATION AND CAPACITY
BUILDING**




Facilitated knowledge sharing, awareness raising and DRR capacity building initiatives

Webinars executed with CARIGEO on the Caribbean Geoportal

Discussion forums held with UNDRR, NASA, GEO DRR WG, WGIC Disaster Resilience and CEOS WG Disasters etc.

Observer on OGC Disaster Pilot Project



A photograph of the United Nations Secretariat Building, a tall skyscraper with a blue-tinted glass facade, set against a bright blue sky with scattered white clouds. In the foreground, a row of international flags is visible, including those of Malaysia, Myanmar, and others. The image is framed with rounded corners.

Twelfth Session of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM)



3 - 5 August 2022



3 - 5 August 2022

Post 12th UN-GGIM Session Update

- UN-GGIM WG Disasters tendered a report to the 12th Session:
- **Agenda item #12. Geospatial information and services for disasters**
- [E-C.20-2022-14-Add 1 Disasters.pdf \(un.org\)](#)

ADVANCE UNEDITED VERSION

UNITED NATIONS

E/C.20/2022/14/Add.1

Economic and Social Council

28 July 2022

Committee of Experts on Global Geospatial
Information Management
Twelfth session
New York, 3–5 August 2022
Item 12 of the provisional agenda^a
Geospatial information and services for disasters

Geospatial information and services for disasters

Note by the Secretariat

Summary

The present paper contains the report of the Working Group on Geospatial Information and Services for Disasters for consideration by the Committee of Experts on Global Geospatial Information Management.

At its eleventh session, held virtually on 23, 24 and 27 August 2021, the Committee of Experts adopted decision 11/108, in which it noted the continued efforts of the Working Group to promote the importance of geospatial information and services in disaster risk reduction and management and, in particular, the relevance of the Strategic Framework on Geospatial Information and Services for Disasters during the ongoing coronavirus disease (COVID-19) pandemic. The Committee also endorsed the implementation of the Working Group's workplan for the period 2020–2023 and invited Member States and relevant experts to contribute as members of the Working Group to actively progress the activities as outlined in the workplan. Furthermore, the Committee congratulated the Working Group for successfully raising awareness of the Strategic Framework, including the enhanced engagement and collaboration with multiple key stakeholder groups and international organizations, thereby ensuring consistent communication and coherence and avoidance of duplication of effort. The Committee supported the development of a global disaster risk reduction inventory on organizations, services and platforms, and invited Member States, disaster risk reduction and management organizations and relevant academia, private sector and United Nations system organizations to participate in the global administration of inventory surveys.

The Committee of Experts acknowledged the importance of the results and recommendations included in the draft report entitled "Assessment 2020 results: Strategic Framework on Geospatial Information and Services for Disasters" and recommended that further capacity-building and outreach efforts be pursued to enhance the implementation of the Strategic Framework. In addition, the Committee recommended reopening the assessment survey to the Africa and Arab States regions with a view to providing those regions with another opportunity for completion, and the subsequent development of a second edition of the Assessment 2020 results document. Furthermore, the Committee welcomed the Working Group's support for the development of a statistical framework on disaster-related statistics and expressed its appreciation for the establishment by the Statistical Commission of the Inter Agency and Expert Group on Disaster-related Statistics.

12th UN-GGIM Report: Key Areas

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- Activities of the Working Group
- Implementation of the work plan 2020-2023 - Task Groups
- Increasing awareness of disaster risk management and geospatial information
- The Development of a Global Disaster Risk Reduction Inventory
- Collaboration with other bodies
- Re-administration of the Assessment Survey
- Geospatial Capacity Development Conference on GNSS Applications and Disaster Risk Reduction
- Considerations going forward

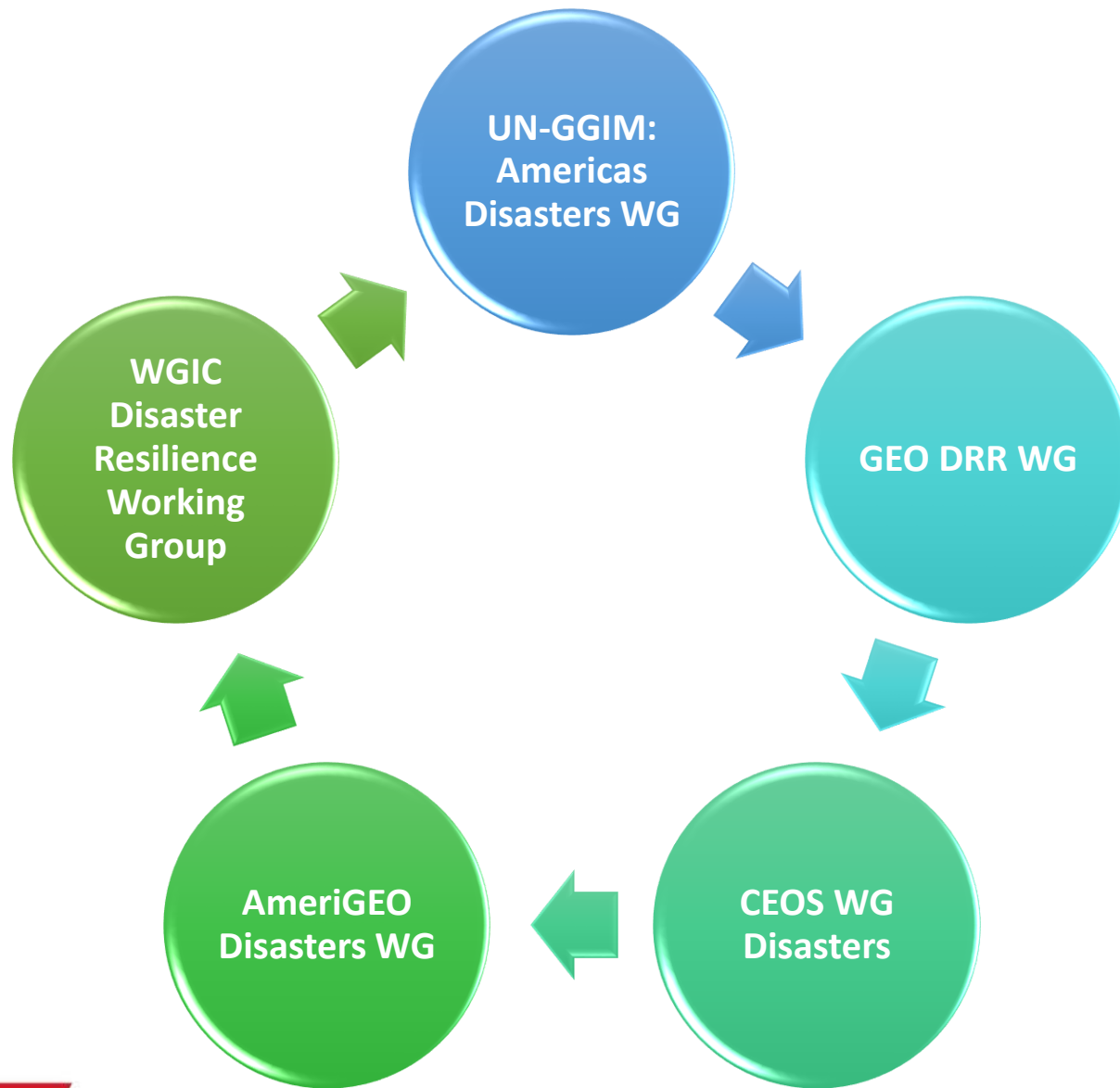
Partnerships & Collaborations



Partnerships & Collaborations



Key Partnerships with Disaster-related Bodies

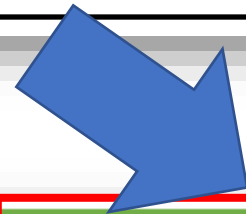


Global UN-GGIM: WG Disasters & UN-GGIM: Americas WG Disasters

- Global UN-GGIM WG Disasters encouraged by renaming of Disasters working group in Americas region and its focus on implementing the Strategic Framework on GI & S for Disasters.
- Looking forward to discussions with new leadership of Americas GISD towards collaboration and coordination throughout Americas region.

Current Group	New Denomination (proposed)
Integration of Statistical and Geospatial Information	WG on Global Statistical and Geospatial Framework(GSGF)
Geospatial Data Infrastructure	WG on Integrated Geospatial Information Framework (IGIF)
Disasters	WG on Strategic Framework for Geospatial Information and Services for Disasters (GISD)
Geodesy	WG on Geodetic Reference Frame for the Americas (GRFA)

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Geodesy	WG on Geodetic Reference Frame for the Americas (GRFA)



WG	(WG-ISGI) Integration of Statistical and Geospatial Information	(WG – Disasters) Disasters	(WG – SDI) Spatial Data Infrastructures	(WG – GRFA) Geodetic Reference Frame for the Americas
Objectives	<ul style="list-style-type: none"> Promote the integration of Statistical and Geospatial information. Promote the use of data and geospatial information in decision-making and public policy design. Develop and implement standards that facilitate and ensure the quality of Statistical and Geographical integration. 	<ul style="list-style-type: none"> Geospatial information and services for disasters: implement the Strategic Framework for Geospatial Information and Services (GISD) proposed by the UN-GGIM Committee of Experts. 	<ul style="list-style-type: none"> Diagnose SDI in the region. Design evaluation and monitoring tools regarding the state of progress of the IDE. Disseminate initiatives and good regional practices in matters of SDI, generating a base guideline document. Promote instances of training and improvement in the region regarding different components of the SDI. 	<ul style="list-style-type: none"> Improve the governance structure. Strengthen the geodetic capacities of professionals and technicians. Promote the open exchange of geodetic data. Establish and maintain the Geodetic Reference Frame of the Americas. Develop communication and outreach programs

Thank You!

