



UN-GGIM: AMERICAS  
AND ECLAC

Webinar Virtual  
**Hacia la implementación del Marco Estratégico sobre  
Información y Servicios Geoespaciales para Desastres  
en las Américas**

# “Marco Estratégico en Información Geoespacial y Servicios para Desastres”

Martes 04 de Agosto, 2020  
@ 11:00 -13:00 (UTC-4)



MINISTRY OF ECONOMIC GROWTH  
AND JOB CREATION

**SIMONE LLOYD, GISP**  
*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



# Contenidos

- Impacto Global de los desastres
- Grupo de Trabajo de Desastres UN-GGIM
- Marco Estratégico
- Encuesta de Evaluación
- Referencias

# Impacto Global de los desastres

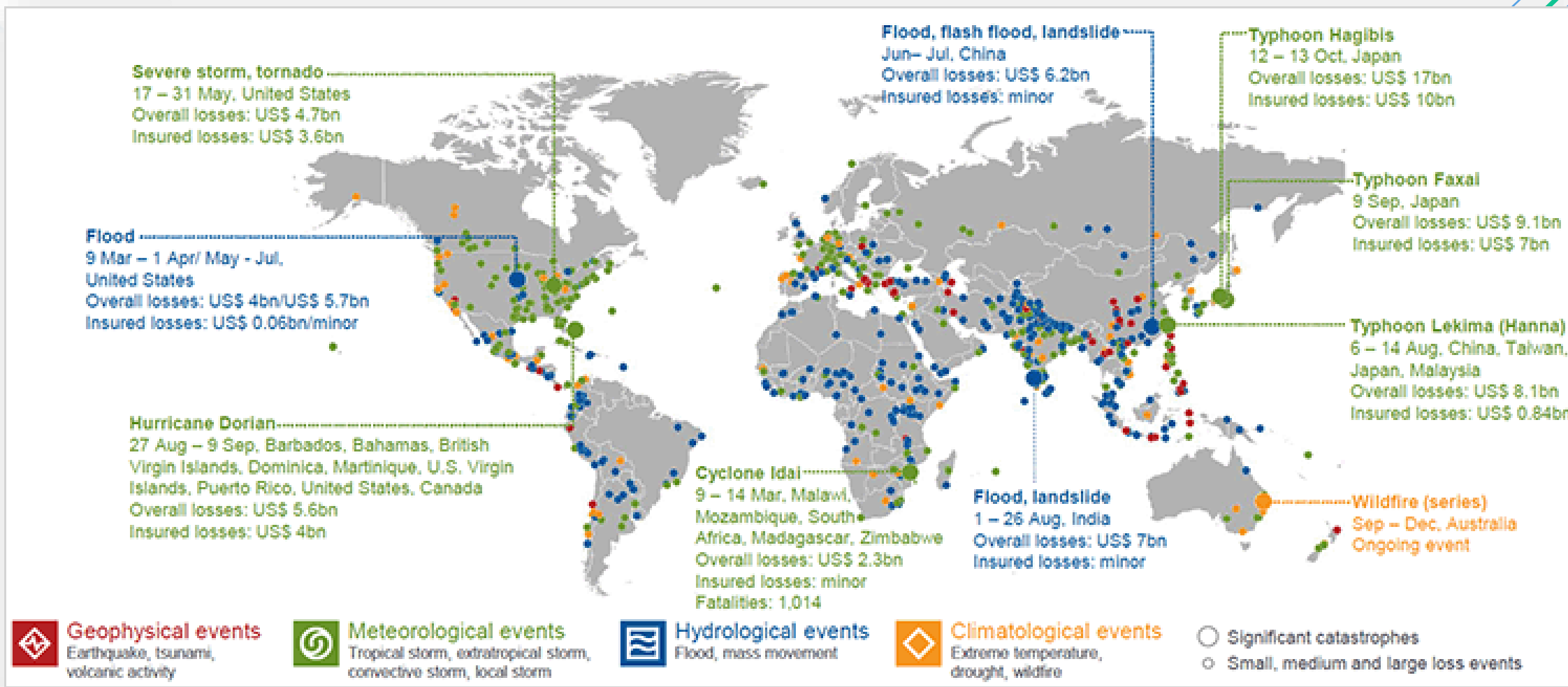
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PÉRDIDA SOCIAL, ECONÓMICA Y AMBIENTAL

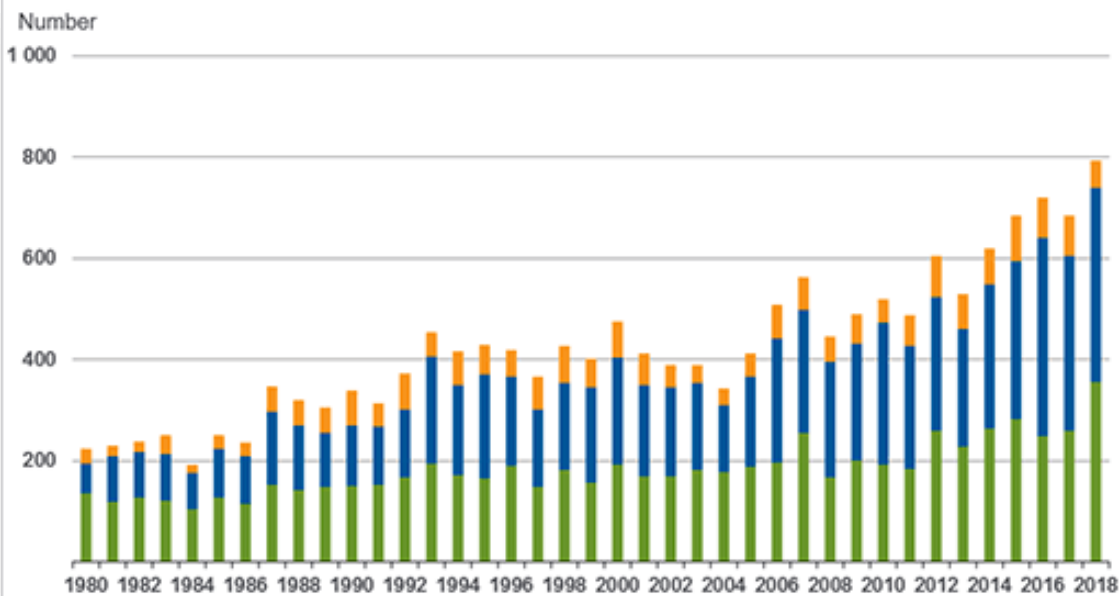


## Catástrofes naturales en el mundo, 2019

Las pérdidas totales por catástrofes naturales mundiales en 2019 totalizaron \$150 mil millones de dólares



Fuente: © 2020 Munich Re, Geo Risks Research, NatCatSERVICE. A Enero de 2020.



- **Meteorological events**  
(Tropical storm, extratropical storm, convective storm, local storm)
- **Hydrological events**  
(Flood, mass movement)
- **Climatological events**  
(Extreme temperature, drought, forest fire)

Accounted events have caused at least one fatality and/or produced normalized losses  $\geq$  US\$ 100k, 300k, 1m, or 3m (depending on the assigned World Bank income group of the affected country).

## Natural disasters around the world in 2010

From the massive earthquake in Haiti to the explosive Icelandic volcano, 2010 was a big year for natural disasters across the planet.



### EARTHQUAKES

1. Haiti, Jan. 12, magnitude 7.0
2. Chile, Feb. 27, magnitude 8.8
3. Mexico & Southern California, April 4, magnitude 7.2
4. Indonesia, Oct. 25, magnitude 7.7 (triggered tsunami)
5. New York City, Nov. 30, magnitude 3.9, largest quake in 18 years hits NYC region
6. Bonin Islands, Japan, Nov. 30, 6.6-magnitude

### VOLCANO ERUPTIONS

7. Shiveluch, Russia, Oct. 28 & Klyuchevskaya, Russia, March
8. Popocatepetl, Mexico erupting since 2005
9. Eyjafjallajökull, Iceland, March 20

### FLOODS

12. Portugal, Feb. 22
13. Tennessee, April 30
14. Bangladesh, June 15
15. Pakistan, July 26
16. Arkansas, June 2010
17. Rio de Janeiro, April 5
18. China, May 10

### LANDSLIDE

19. Oaxaca, Mexico, Sept. 28
20. Uganda, March 1
21. Gansu, China, Aug. 8
22. Venezuela & Colombia, Dec. 4

10. Kilauea, Hawaii, continuous lava flows destroyed a house in November
11. Mt. Merapi, Indonesia, Oct. 26

### RARE TORNADOES

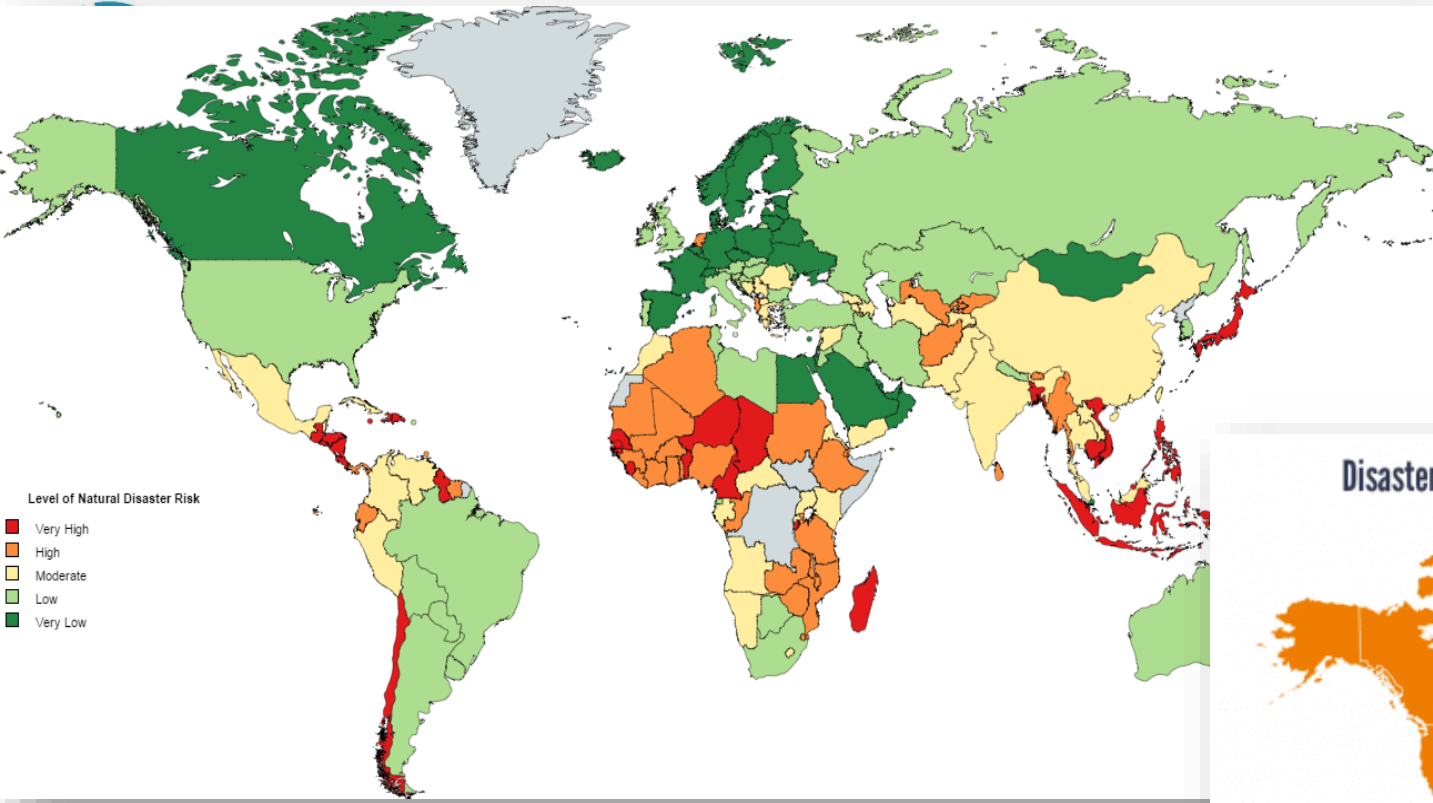
23. Brooklyn/Queens, Sept. 16
24. Illinois & Wisconsin, Nov. 19
25. Oregon, Dec. 14

### AVALANCHE

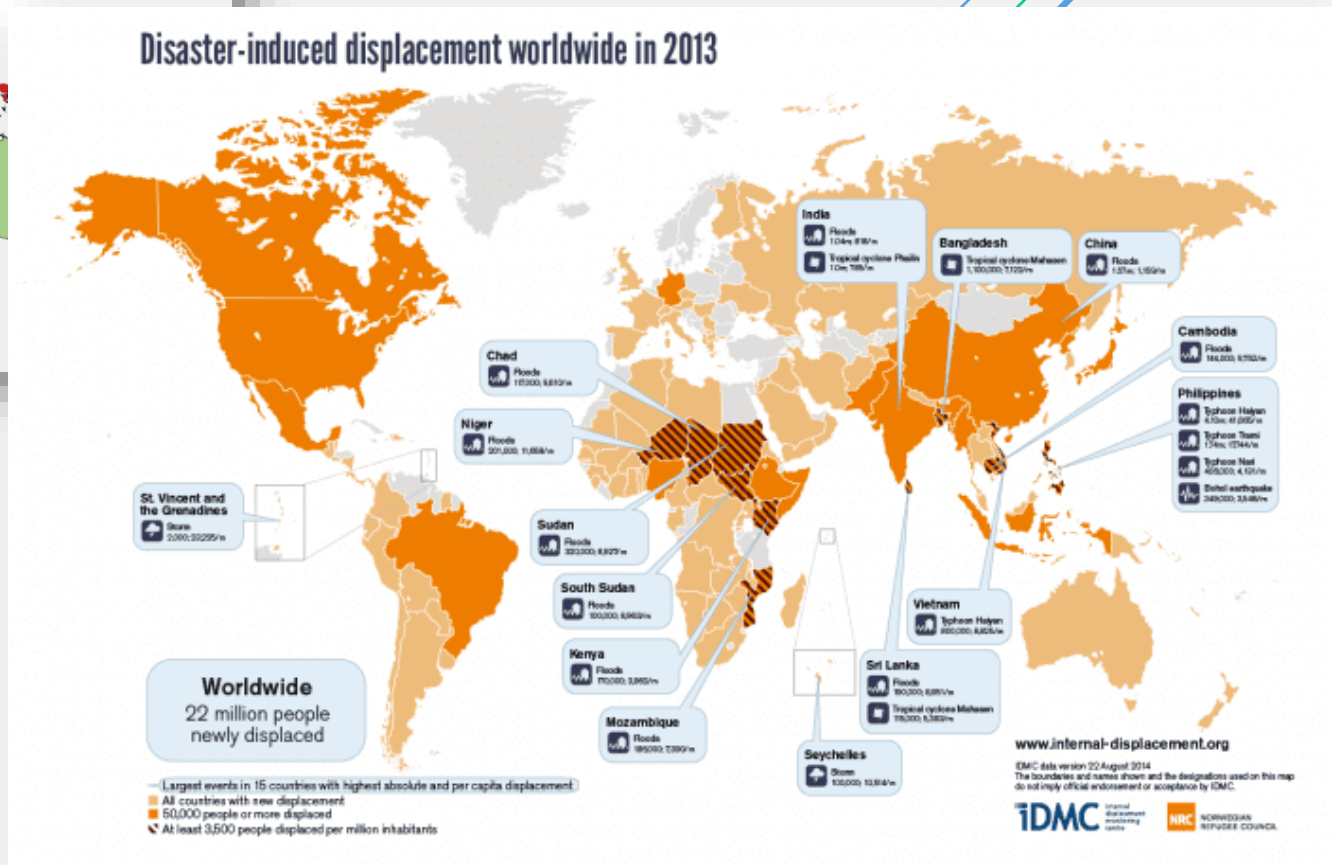
26. Kohistan, Pakistan, Feb. 17
27. Salang, Afghanistan, Feb. 8

### HURRICANES/TYPHOONS/CYCLONES

28. Hurricane Tomas, Category 2, Costa Rica/Haiti, Oct. 29-Nov. 7
29. Hurricane Frank, Category 1, Mexico, Aug. 21-26
30. Typhoon Conson, Category 1, Philippines, July 11-18
31. Typhoon Megi, Category 5, Philippines, Oct. 12-24
32. Cyclone Giri, Category 4, Myanmar, Oct. 20-23



## Efectos de los Desastres Naturales



# Grupo de Trabajo en Información Geoespacial y Servicios para Desastres

(Grupo de Trabajo de Desastres UN-  
GGIM)

En Agosto de 2015, en virtud de la decisión 5/110, el Comité de Expertos de las Naciones Unidas en Gestión Global de Información Geoespacial (UN-GGIM) se apoyó la propuesta de establecer un grupo de trabajo para desarrollar e implementar un Marco Estratégico que sería:

- Enfocado en **la práctica**;
- Alineado con el resultado y el seguimiento del **Marco de Sendai para la reducción del Riesgo de Desastres 2015-2030** y su implementación;
- Capaz de tener en cuenta las **necesidades especiales** de los **países en desarrollo**, especialmente con respecto al desarrollo de capacidades y el intercambio de conocimientos y;
- Ampliamente representativo **de diferentes regiones del mundo** y teniendo en cuenta las experiencias regionales.

# Visión y Objetivos

## Visión

Información y servicios geoespaciales precisos, oportunos y confiables, disponibles de manera coordinada para los tomadores de decisiones y líderes operativos antes, durante y después de los desastres.

## Objetivo

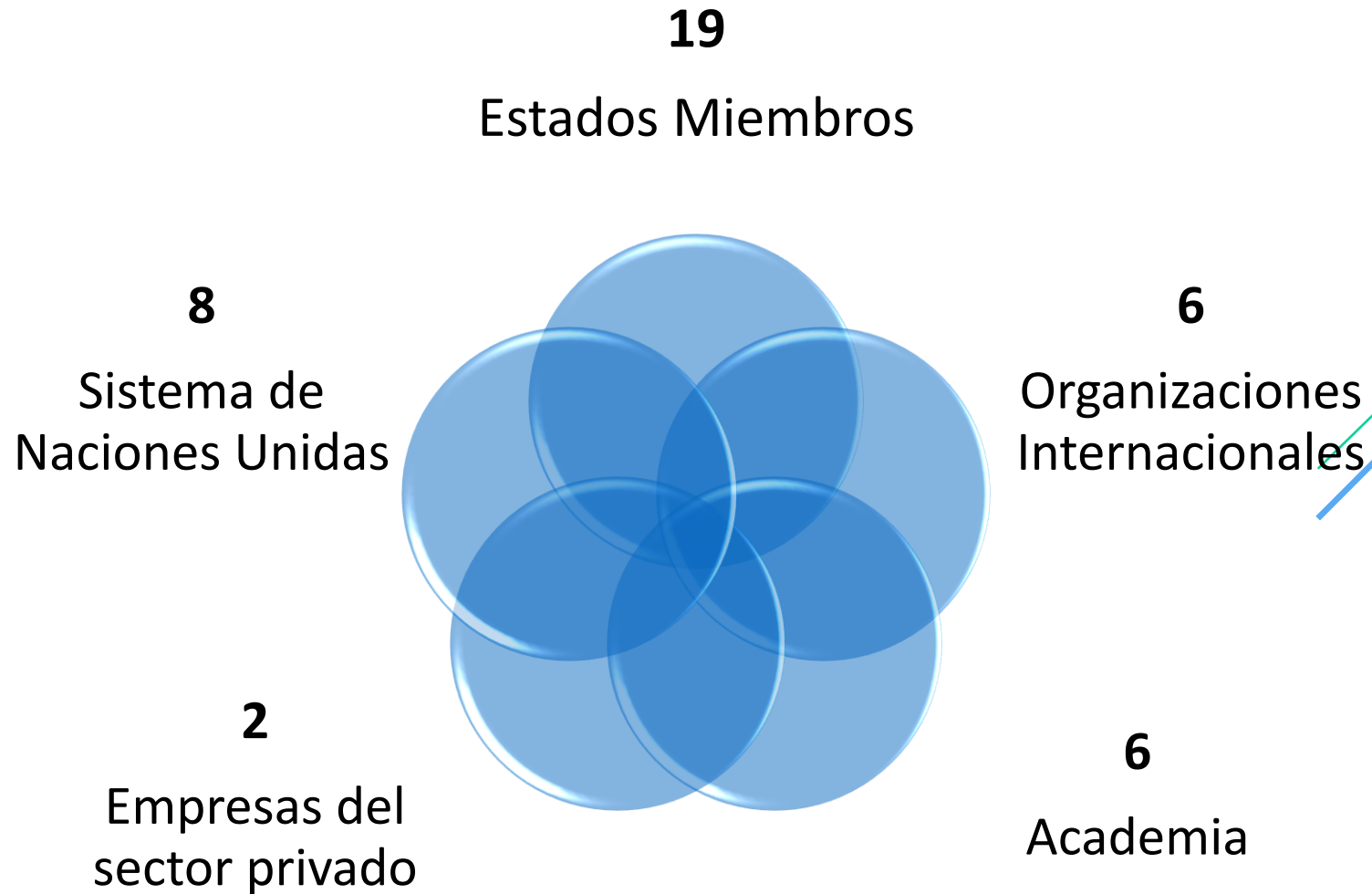
Proporcionar un foro para el diálogo y la coordinación entre los Estados Miembros, sus organismos gubernamentales pertinentes, el sistema de las Naciones Unidas, organizaciones internacionales de respuesta a emergencias y riesgo de desastres, organizaciones no gubernamentales (ONG), organismos del sector privado, academia, otras organizaciones y expertos, y responsables de la reducción y gestión del riesgo de desastres.



# Liderazgo y Miembros

- **Copresidencia:** Jamaica y Japón
- **Operaciones:** guiadas por los Términos de Referencia (TOR)
- **Composición de los miembros:** comprende representantes expertos designados por los Estados Miembros de sus comunidades geoespaciales, de reducción de riesgos y estadísticas, organizaciones internacionales, organizaciones no gubernamentales (ONG), el mundo académico y el sector privado. El grupo de Trabajo también invita a expertos en la materia, de organismos relevantes dentro del Sistema de las Naciones Unidas, como las Secretarías de los Comités Regionales de UN-GGIM, UNDRR, UN-SPIDER, UNITAR-UNOSAT y CEOS.
- **Observadores:** El Grupo de Trabajo se pondrá en contacto, según sea necesario, con organizaciones internacionales e invitará a sus expertos designados como observadores, que tengan interés en la información y los servicios geoespaciales relacionados con los desastres.

# Registro de Miembros



# Estructura

## Grupos de Tarea:

**A. Implementación y monitoreo del Marco Estratégico – Administración de la Herramienta de Evaluación del Marco Estratégico.**

**B. Diseño e implementación de ejercicios basados en escenarios sobre diferentes peligros, incluyendo modelos predictivos para probar y mejorar el Marco Estratégico por país y/o región (Líder:Japón).**

**C. Apoyar a la Comisión de Estadística para avanzar en un marco estadístico común sobre estadísticas relacionadas con desastres (Líder: Jamaica).**

**D. Apoyar la preparación del Marco Integrado de Información Geoespacial (Líder: Nueva Zelanda).**

# Marco Estratégico en Información y Servicios Geospaciales para Desastres

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# Antecedentes & Contexto

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**2017:** El Grupo de Trabajo sobre Información y Servicios Geoespaciales para Desastres (WG-Disasters) del Comité de Expertos de las Naciones Unidas en Gestión Global de Información Geoespacial (UN-GGIM) formula un Marco Estratégico sobre Información y Servicios Geoespaciales para Desastres, bajo la entonces copresidencia de Jamaica y Filipinas.

**Agosto 2017:** Marco Estratégico adoptado por el Comité de Expertos

**Julio 2, 2018:** Marco Estratégico adoptado por el Consejo Económico y Social de las Naciones Unidas (ECOSOC)

**2019:** UN-GGIM WG-Desastres desarrolló una Encuesta de Evaluación para monitorear la implementación y el monitoreo del Marco Estratégico en todos los Estados Miembros.

**Agosto 2019:** El Comité de Expertos respaldó la Encuesta de Evaluación como una herramienta para ayudar a los Estados Miembros a desarrollar planes nacionales de implementación de información y servicios geoespaciales en apoyo de la reducción y gestión del riesgo de desastres.

**Junio 2020 – Presente:** Administración de la encuesta de evaluación.

Accesa al Marco Estratégico aquí:

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

**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



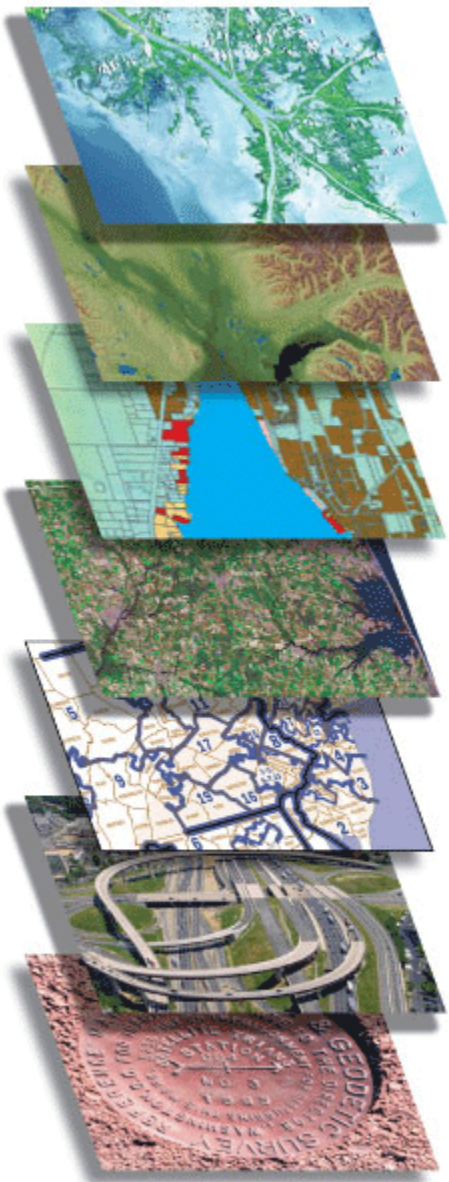
UN-GGIM

United Nations Committee of Experts on  
Global Geospatial Information Management

ggim.un.org

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](#)

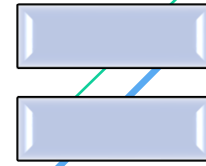


# Uso de:

Información y servicios geoespaciales



Información estadística relevante

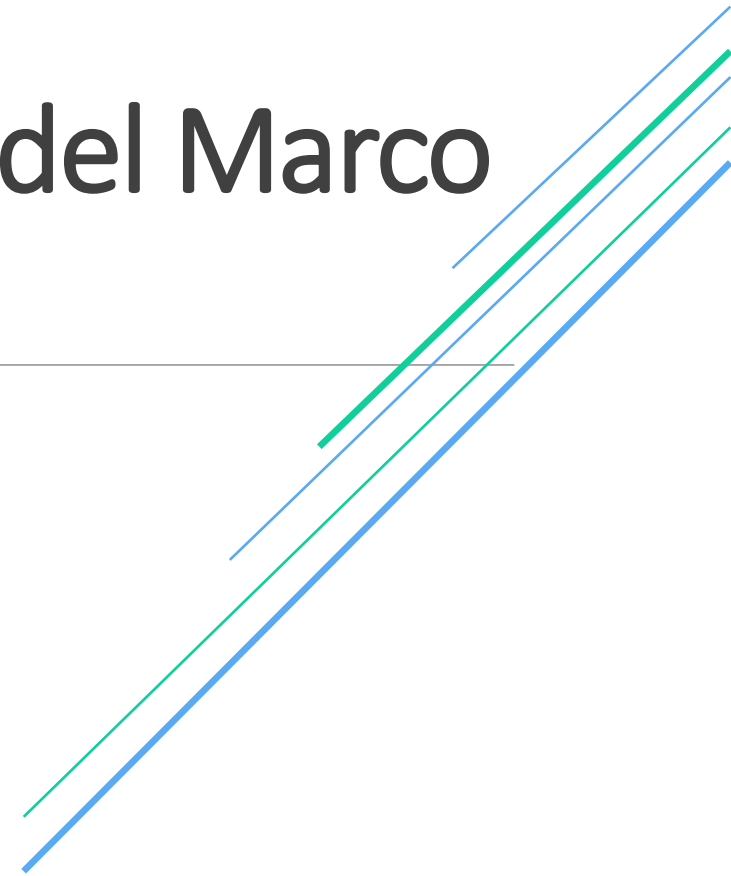


Comprender mejor, formular políticas y gestionar los riesgos e impactos de los desastres

# Estados Miembros

# Áreas centrales de la estructura del Marco Estratégico

- Resultado esperado y meta
- Principios rectores
- Prioridades de acción
- Rol de los interesados
- Implementación





# Resultado Esperado y Meta

- El Marco Estratégico tiene como objetivo guiar a los interesados y socios en la gestión de la información y servicios geospaciales en todas las fases de la Gestión y Reducción del Riesgo de Desastres (DRRM)

**Alcance y Propósito**

- Los riesgos e impactos humanos, socioeconómicos y ambientales de los desastres se evitan o reducen mediante el uso de información y servicios geospaciales.

**Resultado esperado**

- La información y los servicios geospaciales de calidad están disponibles y accesibles de manera oportuna y coordinada para apoyar la toma de decisiones y las operaciones dentro y en todos los sectores y fases del ciclo de emergencia

**Meta**

# Principios rectores



<http://ggim.un.org/meetings/2017-Kunming/documents/Session%207%20-%20UNGGIM%20WG%20on%20Geospatial%20Information%20and%20Services%20for%20Disasters.pdf>

# Cinco prioridades de acción



**Políticas y  
Gobernanza**



**Concienciación y Desarrollo  
de Capacidades**



**Gestión de  
Datos**



**Infraestructura y  
Servicios Comunes**



**Mobilización  
de Recursos**

## Prioridad 1:



Políticas y  
Gobernanza

Buena gobernanza y políticas basadas en ciencia son fundamentales

Estrategias a nivel nacional, local, global y regional

Poner a disposición toda la información y servicios geoespaciales de calidad en todas las fases del DRRM

Actividades específicas:

- Evaluación y planificación
- Arreglos Institucionales
- Colaboración y Coordinación
- Monitoreo y Evaluación

## Prioridad 2:



Concienciación y  
Desarrollo de  
capacidades

Implica perseguir iniciativas de sensibilización y Desarrollo de capacidades que lleven a una mejor comprensión y apreciación de la relevancia de los datos e información geoespacial para la RRD

Conocimiento de los datos geoespaciales y las brechas de información

Inclusión de la gestión de la información geoespacial aplicada a la GRD en los programas académicos

Programas de capacitación en gestión de información geoespacial

## Prioridad 3:



Gestión de  
Datos

Métodos integrales de recopilación y gestión de datos e información geoespacial:

-Desarrollo de Datos

-Estándares de datos y protocolos

-Lineamientos de uso de datos

## Prioridad 4:



### Infraestructura y Servicios Comunes

El apoyo a la infraestructura es esencial para institucionalizar la información y los servicios geospaciales

Infraestructura como hardware, software, red y capacidades humanas necesarias para procesar y mejorar aún más la información y servicios geospaciales

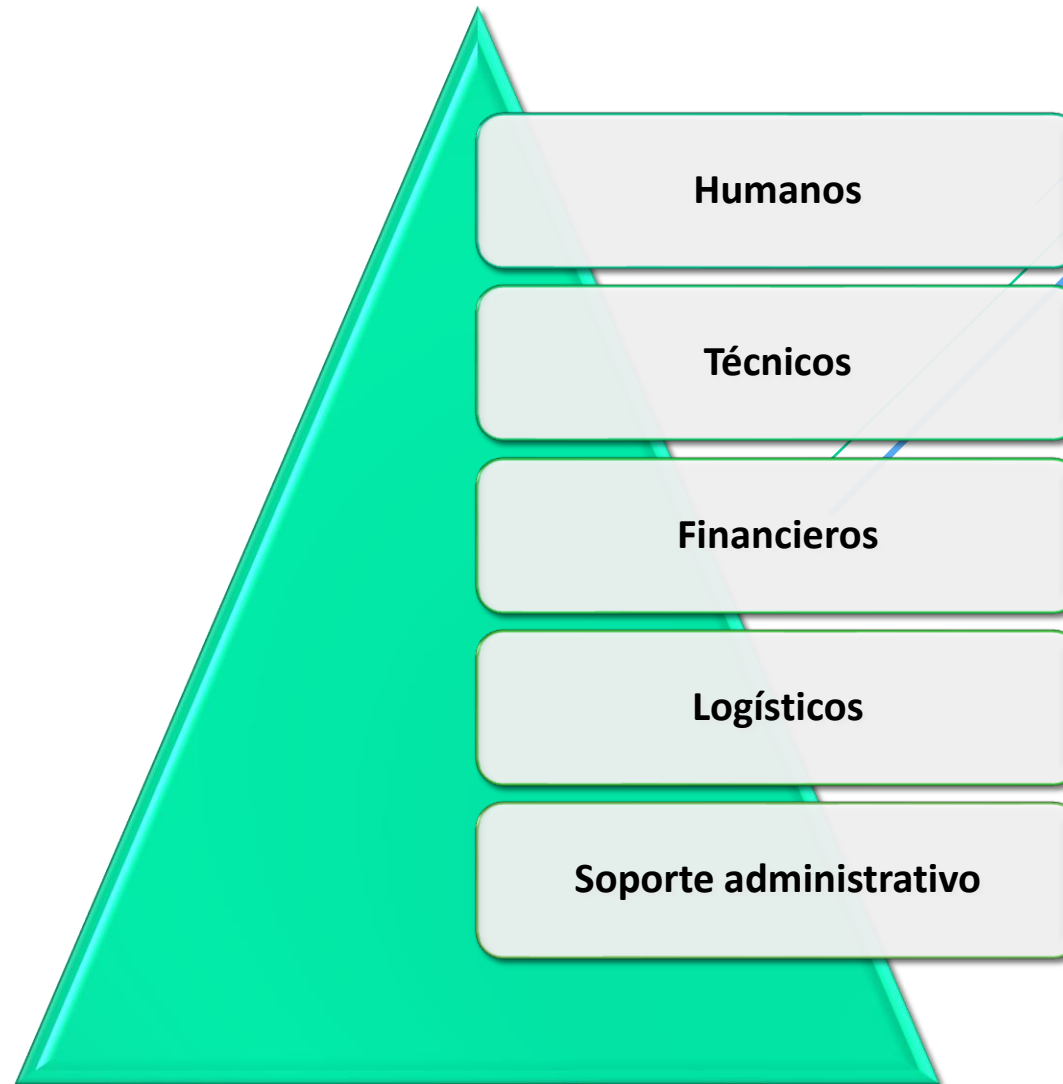
Posible establecimiento de un Centro de Operaciones Común por parte de los gobiernos nacionales, enfocado en la interoperabilidad de sistemas y procesos para permitir el intercambio de datos e información geoespacial entre todos los actores de GRD

## Prioridad 5:



Mobilización  
de Recursos

- Recursos necesarios para la creación, mejora y mantenimiento de toda la información y servicios geoespaciales para sostener todas las actividades de RRD





# Rol de los actores



Los Estados Miembros deberían estar en la posición de generar, mantener y proveer información geoespacial de calidad y servicios a través de todas las fases de la RRD.

- **Responsabilidad y roles específicos para:**

- Grupos de Sociedad civil, Organizaciones voluntarias y otras organizaciones basadas en la comunidad.

- Sector Privado

- Academia, Entidades Científicas y de Investigación y Redes.

- Medios

- **Apoyo requerido desde las Organizaciones Internacionales:**

- UN-GGIM, Agencias UN, e instituciones internacionales de financiamiento

# Implementación

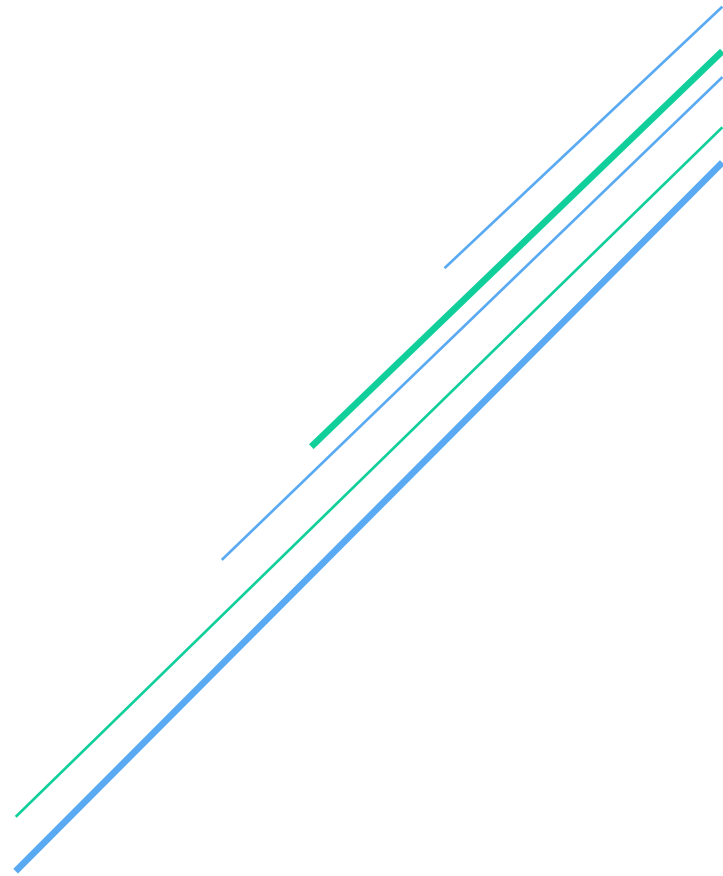
La información y los servicios geoespaciales contribuyen enormemente al esfuerzo general de prevenir o reducir los impactos sociales, económicos y ambientales de los desastres

Los Estados Miembros y otras partes interesadas deberían priorizar una agenda orientada geoespacialmente en sus respectivos planes y programas de desarrollo

Los Estados Miembros y otras partes interesadas deberían comprometerse a la implementación de las prioridades de acción, mejorando sus capacidades actuales para proporcionar información y servicios geoespaciales en todas las fases de la GRD.



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



WE NEED  
**HELP**  
YOUR





# 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)>.

# Estado de avance de la encuesta

Argentina

Colombia

Jamaica

Mexico

Perú

Sint  
Maarten

USA

Hasta ahora completada por:

- **Treinta (30)** representantes UN-GGIM
- **Siete (7)** Estados Miembros en las Américas
- Necesita apoyo de los veintinueve (29) Estados Miembros restantes de las Américas para completar la encuesta.



# Cinco prioridades de acción



**Políticas y  
Gobernanza**



**Concienciación y Desarrollo  
de Capacidades**



**Gestión de  
Datos**



**Infraestructura y  
Servicios Comunes**



**Mobilización  
de Recursos**

# Solicitud global del Grupo de Trabajo de desastres para completar la encuesta de evaluación

United Nations  Nations Unies

SECRETARIAT OF THE UNITED NATIONS COMMITTEE OF EXPERTS ON  
GLOBAL GEOSPATIAL INFORMATION MANAGEMENT  
UN STATISTICS DIVISION  
DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS  
TWO UNITED NATIONS PLAZA, DC2-1470, NEW YORK, NY 10017  
TELEPHONE NO.: 1 (917) 367-4330; FAX NO.: 1 (212) 963-0423  
Internet location: ggim.un.org

STAT 421(4-110)

3 June 2020

Dear colleagues,

## UN-GGIM Strategic Framework on Geospatial Information and Services for Disasters – Assessment Survey

I am writing to you on behalf of the co-chairs of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) Working Group on Geospatial Information and Services for Disasters (WG-Disasters).

As you may recall, the Committee of Experts, at its ninth session in August 2019, adopted [decision 9/109](#), in which it commended the WG-Disasters on the preparation of the Assessment Survey on the Strategic Framework for Disasters, and the subsequent consultations held thereon through the regional committees of UN-GGIM. In this regard, the Committee of Experts endorsed the Survey as a tool to assist Member States to develop national implementation plans for geospatial information and services in support of disaster risk reduction and management.

By way of this letter, we now invite you to review and complete the **UN-GGIM Strategic Framework on Geospatial Information and Services for Disasters Assessment Survey** which is available on-line at <https://bit.ly/2TxlF0r>. The Survey will only require approximately 30-45 minutes to complete. Given the specialized nature of the topic, contributions from your national focal organization mandated for disaster risk reduction and management, would be valuable and most welcomed.

The objective of the current exercise is to assist the WG-Disasters to determine mechanisms and strategies to ensure the future implementations of the Strategic Framework on Geospatial Information and Services for Disasters. The responses will be analyzed to better understand the status of the national geospatial information and services landscape across all phases of disasters within Member States, and the results presented to the Committee of Experts at its tenth session in August 2020.

We would be grateful if the Assessment Survey is completed on or before **Monday 29 June 2020**. Should you have questions or need clarification on this request please do not hesitate to contact my colleague in the Secretariat, Ms. Cecille Blake ([cbkcl@un.org](mailto:cbkcl@un.org)).

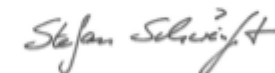
UNITED NATIONS  NATIONS UNIES

PAGE 2

We acknowledge that these are difficult and disruptive times for us all, but at the same time, we are seeing how geospatial information is at the heart of global to local COVID-19 response and recovery efforts. The relevance of our work within the Committee of Experts is increasingly being recognized, and it is with this value of international cooperation that we call upon you to support this exercise.

Thank you in advance for your contribution to this important global request.

Yours sincerely,



Stefan Schweinfest  
Director  
UN-GGIM Secretariat  
United Nations Statistics Division/DESA

cc:  
Mr. Kyoung-Soo Eom  
Chief, Geospatial Information Section

Mr. Shoichi Oki  
Co-Chair WG on GI and Services for Disasters  
Geospatial Information Authority of Japan

Ms. Michelle Edwards  
Co-Chair WG on GI and Services for Disasters  
Office of Disaster Preparedness and Emergency Management, Jamaica



# Accediendo a la Encuesta



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

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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

**Propósito:** La encuesta de evaluación es una herramienta para ayudar a los Estados Miembros a desarrollar planes nacionales de implementación para información y servicios geoespaciales en apoyo a la reducción y gestión del riesgo de desastres

## Formatos

- Microsoft Form (online)
- Microsoft Word
- Portable Document Format (PDF)

Versión Online

<https://bit.ly/2TxLF0t>



**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)>.*

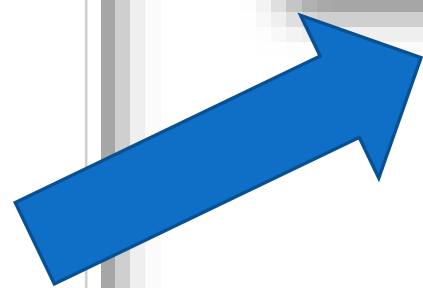
*In view of this, the WG-Disasters is conducting an Assessment Survey that will help gauge the level and status of implementation of geospatial information and services for disasters initiatives relative to the Strategic Framework among Member States. The Survey aims to understand the national geospatial 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

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
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[http://ggim.un.org/documents/Proposed%20UN-GGIM%20SF%20Monitoring%20Tool\\_V10.4\\_for%200Consult.pdf](http://ggim.un.org/documents/Proposed%20UN-GGIM%20SF%20Monitoring%20Tool_V10.4_for%200Consult.pdf)



### 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
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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

0	1	2	3	4
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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

0	1	2	3	4
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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)

0	1	2	3	4
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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

0	1	2	3	4
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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

0	1	2	3	4
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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

0	1	2	3	4
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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

0	1	2	3	4
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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

0	1	2	3	4
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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

0	1	2	3	4
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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

0	1	2	3	4
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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

0	1	2	3	4
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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

0	1	2	3	4
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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

0	1	2	3	4
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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

0	1	2	3	4
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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

0	1	2	3	4
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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

0	1	2	3	4
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- 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).

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

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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

<https://bit.ly/2TxLF0t>

[http://ggim.un.org/documents/Proposed%20UN-GGIM%20SF%20Monitoring%20Tool\\_V10.4\\_for%20Consult.pdf](http://ggim.un.org/documents/Proposed%20UN-GGIM%20SF%20Monitoring%20Tool_V10.4_for%20Consult.pdf)

Consultas y envios a: Cecille Blake ([blake1@un.org](mailto:blake1@un.org))

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