

## 11<sup>th</sup> Session Side Event



**Working Group on Geospatial Information and Services for Disasters**

**“Strategic Framework on Geospatial Information and Services for Disasters Assessment Survey - Results & Way Forward”**

**Thursday August 19, 2021  
6:00 - 7:45 am (EDT)**

- *She has been with working with NAMRIA for over 35 years*
- *With extensive background in GIS, Cartography, and Information Systems Development*
- *Holds a degree in Economics and a Masters in Public Management*



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Director, Geospatial Information System  
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National Mapping and Resource Information  
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# Overview of the Strategic Framework on Geospatial Information and Services for Disasters

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# Strategic Framework on Geospatial Information and Services for Disasters (SF-GISD)





# Strategic Framework on Geospatial Information and Services for Disasters (SF-GISD)

It is “UN-GGIM’s\* **guiding policy document** that brings together all stakeholders and partners involved in DRM to ensure that the necessary **quality geospatial information and services** are **available and accessible** in a timely and coordinated way to decision-making and operations before, during and after disasters”

\* UN Committee of Experts on Global Geospatial Information Management



# Strategic Framework on Geospatial Information and Services for Disasters (SF-GISD)

- **Expected Outcome**

The human, socioeconomic and environmental risks and impacts of disasters are prevented or reduced through the use of geospatial information and services

- **Goal**

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

# Strategic Framework on Geospatial Information and Services for Disasters (SF-GISD)

2030 Agenda for Sustainable Development

International Strategy for Disaster Reduction

Sendai Framework for Disaster Risk Reduction 2015-2030

UN General Assembly resolution on international cooperation on  
humanitarian assistance in the field of natural disasters

UN General Assembly Resolution 59/212

Global Geospatial Statistical Framework

Open Data

National Data  
Infrastructure

UN-GGIM's Statement of  
Shared Principles for the  
Management of Geospatial  
Information



Governance  
and Policies



Awareness Raising  
and Capacity Building



Data  
Management

LOCAL  
NATIONAL

# Priorities for Action

REGIONAL  
GLOBAL



Common Infrastructure  
and Services



Resource  
Mobilization





# Strategic Framework on Geospatial Information and Services for Disasters (SF-GISD)



## Governance and Policies

- refers to the framing, implementing and monitoring decisions to make available and accessible all quality geospatial information and services across all phases of DRM
- specific activities:
  - Assessment and Planning;
  - Institutional Arrangements, Collaboration and Coordination; *and*
  - Monitoring and Evaluation



# Strategic Framework on Geospatial Information and Services for Disasters (SF-GISD)



Awareness  
Raising and  
Capacity Building

- refers to the improved understanding and appreciation of geospatial data and information as a vital element of DRM and all necessary technical and human capacities are built and/or strengthened



# Strategic Framework on Geospatial Information and Services for Disasters (SF-GISD)



Data  
Management

- refers to the comprehensive methods of collecting and managing geospatial data and information
- specific activities:
  - Data Development;
  - Data Standards and Protocols; *and*
  - Data Use Guidelines.



# Strategic Framework on Geospatial Information and Services for Disasters (SF-GISD)



## Common Infrastructure and Services

- refers to the hardware, software, network and manpower capacities needed to process and further improve geospatial information and services, as well as the common operations center to be established by national governments
- focused on interoperability of systems and processes to allow geospatial data and information sharing among all actors



# Strategic Framework on Geospatial Information and Services for Disasters (SF-GISD)



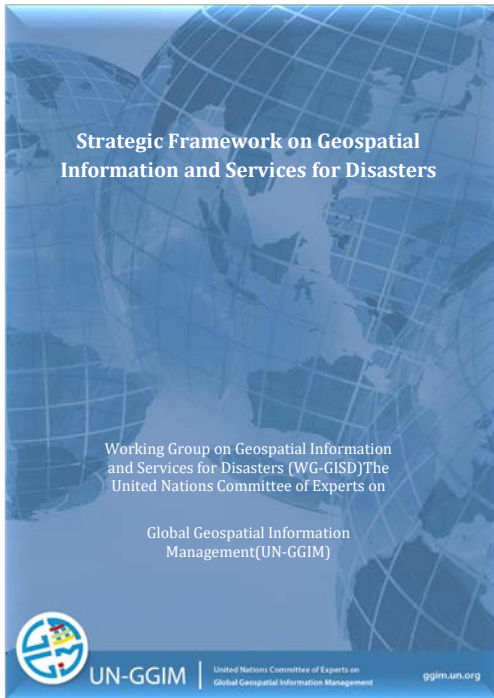
Resource  
Mobilization

- refers to human resources, as well as technical, financial and other forms of logistical and administrative support required for the creation, improvement and maintenance of all geospatial information and services in order to sustain all DRM activities.

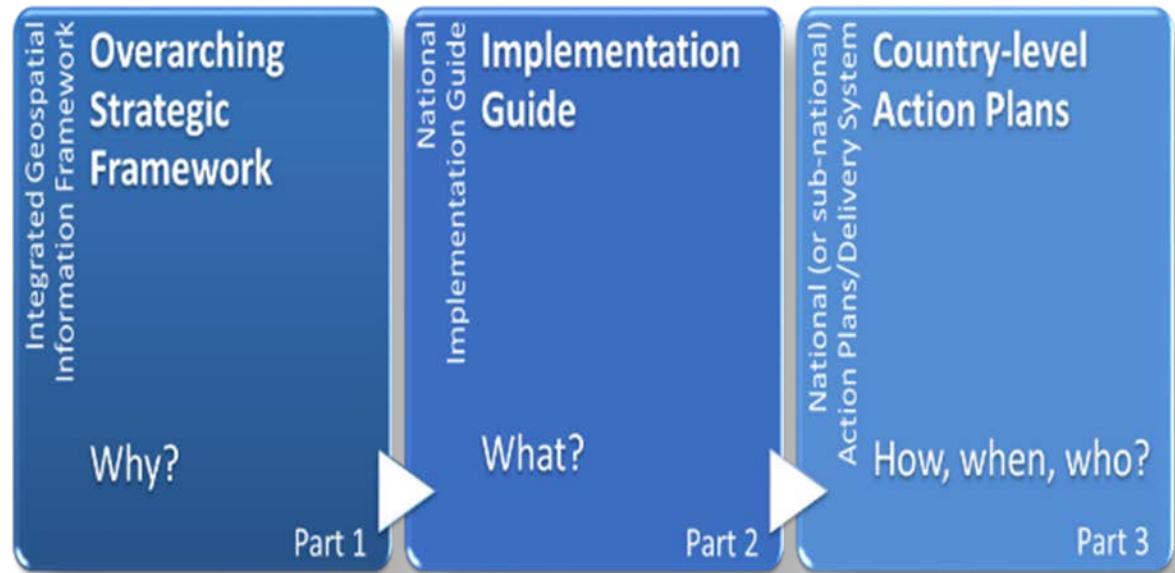




# SF-GISD and Integrated Geospatial Information Framework (IGIF)



VS





# Vision – SF-GISD and IGIF

## SF-GISD

The human, socioeconomic and environmental risks and impacts of disasters are prevented OR reduced through the use of geospatial information and services

## IGIF

The efficient use of geospatial information by all countries to effectively measure, monitor and achieve sustainable social, economic and environmental development – leaving no one behind



# Scope and Purpose – SF-GISD and IGIF

## SF-GISD

The strategic framework aims to guide all stakeholders and partners in the management of geospatial information and services in all phases of Disaster Risk Reduction and Management (DRRM)

## IGIF

To promote and support innovation and provide the leadership, coordination and standards necessary to deliver integrated geospatial information that can be leveraged to find sustainable solutions for social, economic and environmental development



# Goal – SF-GISD and IGIF

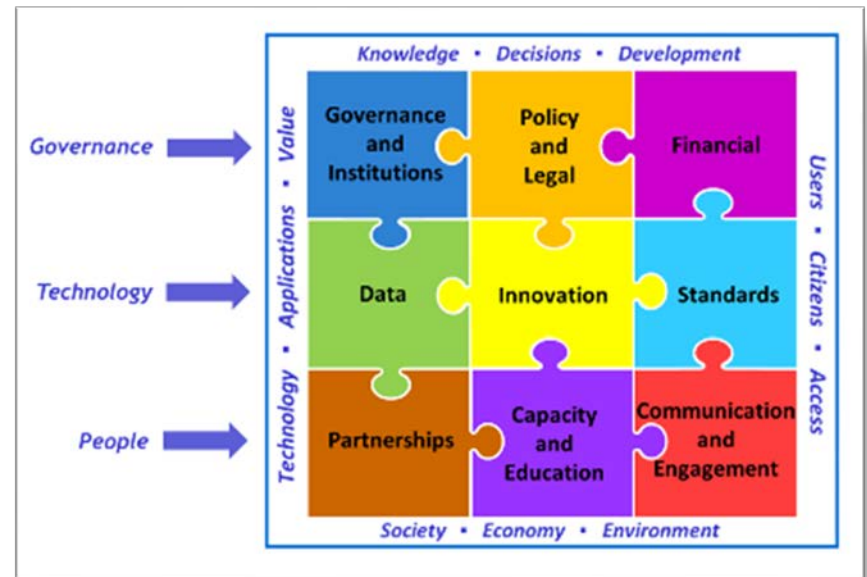
## SF-GISD

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 the emergency cycle





















## IGIF

- Effective Geospatial Management
- Sustainable Education and Training Programs
- Increased Capacity, Capability and Knowledge Transfer
- International Cooperation and Partnerships Leveraged
- Integrated Geospatial Information Systems and Services
- Enhanced National Engagement and Communication
- Economic Return on Investment
- Enriched Societal Value and Benefits

# SF-GISD Priorities for Action and IGIF Strategic Pathways



# SF-GISD Priorities for Action and IGIF Strategic Pathways




	Governance and Institutions	Policy and Legal	Financial	Data	Innovation	Standards	Partnerships	Capacity and Education	Communication and Engagement
 Governance and Policies									
 Awareness Raising and Capacity Building									

 Strong linkage between SF & IGIF

 Inferred linkage between SF & IGIF



# SF-GISD Priorities for Action and IGIF Strategic Pathways

	Governance and Institutions	Policy and Legal	Financial	Data	Innovation	Standards	Partnerships	Capacity and Education	Communication and Engagement
 Data Management	●	●	●	●	●	●	●	●	●
 Common Infrastructure and Services	●	●	●	●	●	●	●	●	●
 Resource Mobilization	●	●	●	●	●	●	●	●	●



Strong linkage between SF & IGIF



Inferred linkage between SF & IGIF

**ACT NOW!**



The Working Group on Disasters is calling all governments and DRM organizations to **implement** the **Strategic Framework on Geospatial Information and Services for Disasters**.

Let us collaborate to make available and accessible all quality geospatial information and services across all phases of DRM.



**UN-GGIM**

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**WG Disasters**

**Thanks!**