11th 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 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

Febrina E. Damaso
Director, Geospatial Information System Management Branch (GISMB)
National Mapping and Resource Information Authority (NAMRIA)
Overview of the Strategic Framework on Geospatial Information and Services for Disasters

Ms. Febrina E. Damaso
Director, Geospatial Information System Management Branch (GISMB)
National Mapping and Resource Information Authority (NAMRIA)
Strategic Framework on Geospatial Information and Services for Disasters (SF-GISD)

- **2015**: WG-Disasters established (Decision 5/110)
- **2016**:
  - Draft Review of Framework, rules, legislation and policies on geospatial information and services for disasters
  - Draft Strategic Framework
- **2017**: Strategic Framework adopted by UN-GGIM Committee of Experts (Decision 7/110)
- **2018**: Strategic Framework adopted by Economic and Social Council (ECOSOC) (2 July 2018)

Engagement with main stakeholders and partners, key government institutions

Terms of Reference and Workplan
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
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.
Common Infrastructure and Services

Awareness Raising and Capacity Building

Data Management

Governance and Policies

Priorities for Action

LOCAL
NATIONAL
REGIONAL
GLOBAL
Strategic Framework on Geospatial Information and Services for Disasters (SF-GISD)

• 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:
  o Assessment and Planning;
  o Institutional Arrangements, Collaboration and Coordination; and
  o Monitoring and Evaluation
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)
Strategic Framework on Geospatial Information and Services for Disasters (SF-GISD)

• refers to the comprehensive methods of collecting and managing geospatial data and information

• specific activities:
  o Data Development;
  o Data Standards and Protocols; and
  o Data Use Guidelines.
Strategic Framework on Geospatial Information and Services for Disasters (SF-GISD)

- 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)

• 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)
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
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<th>Policy and Legal</th>
<th>Financial</th>
<th>Data</th>
<th>Innovation</th>
<th>Standards</th>
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<td><img src="image" alt="Awareness Raising and Capacity Building" /></td>
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SF-GISD Priorities for Action and IGIF Strategic Pathways

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- Strong linkage between SF & IGIF
- Inferred linkage between SF & IGIF
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.