International Workshop and Seminar on United Nations Global Geospatial Information Management

*The Data Ecosystem for Sustainable Development*

Deqing, Zhejiang Province, China

**Technical Learning Event on Data Ecosystem for Sustainable Development - Integrative Technologies and Processes**

17-19 October 2019

United Nations Secretariat, Global Geospatial Information Management
Addressing the data needs for national development priorities, and national implementation of the 2030 Agenda for Sustainable Development ... bridging the three domains
An integrative and interconnected data ecosystem

There needs to be more institutional collaboration, coordination, interoperability and integration across the various national data information systems and platforms.

Positioning geospatial information to address global challenges

ggim.un.org
The Global Statistical Geospatial Framework is an important bridge that enables a range of data to be integrated from both statistical and geospatial communities and, through the application of its five principles and supporting key elements, permits the production of harmonized, standardized and integrated geospatially enabled statistical data to enable data-driven decision making (Decision 9/106 (d), Ninth Session of UN-GGIM).
STANDARDS SUPPORT FUNDAMENTAL GEOSPATIAL DATA WHICH SUPPORT THE DATA NEEDS OF SDGS

ISO 19137 - Spatial Schema
ISO 19123 - Coverages
ISO 19106 - Access, usage, and metadata
ISO 19116 - Conceptual data schema
ISO 19115 - Data quality
ISO 19110 - Conceptual data schema
ISO 19112 - Spatial referencing of geographic information
ISO 19111 - Spatial referencing of geographic information
ISO 19110 - Conceptual data schema
ISO 19109 - Temporal schema
ISO 19108 - Temporal schema
ISO 19107 - Temporal schema
ISO 19106 - Access, usage, and metadata
ISO 19105 - Temporal schema
ISO 19104 - Access, usage, and metadata
ISO 19103 - Access, usage, and metadata
ISO 19102 - Access, usage, and metadata
ISO 19101 - Access, usage, and metadata
ISO 19100 - Access, usage, and metadata

UN-GGIM
United Nations Secretariat
Global Geospatial Information Management

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Elements to consider in a standard geospatial information licensing arrangement or agreement -

- What Geospatial Information is Being Licensed
- Rights Granted To the Licensee
- Payment/Fees
- Representations and Warranties
- Covenants
- Limitations on Liability
- Indemnification
- Term; Termination
- Compliance with Law
- Data Protection/Privacy
- Taxes
- Confidentiality
- Delivery/Inspection/Acceptance
- Updates/Modifications/Corrections
- Export Compliance
- Government Contracts
- Force Majeure
- Governing Law; Jurisdiction; Dispute Resolution
- Assignment; Transferability
- Survival

Addressing and strengthening policy and legal provisions towards legislative interoperability and policy coherence for an enabling environment that maximizes the usefulness and utility of geospatial information.
Vision: Implementing the 2030 Agenda through the effective dissemination and use of integrated geospatial information, statistical and other data, enabled by technologies that facilitate data sharing, interoperability and collaboration to report on the SDGs across local, national and global data hubs.

helping Member States to implement national development priorities, the 2030 Agenda for Sustainable Development, make decisions, and measure and monitor outcomes

www.sdg.org
Integrated Geospatial Information Framework: Strategic Pathways

• The Framework is anchored by **nine Strategic Pathways** in three main areas of influence: Governance; Technology; and People.

• The objective of the Strategic Pathways is to guide governments towards implementing integrated geospatial information systems in a way that will deliver a vision for sustainable social, economic and environmental development.

• Each Strategic Pathway is augmented by specific objectives to assist countries in achieving the required results.

• The Strategic Pathways are presented as separate pieces of a jigsaw puzzle in recognition that there are many aspects and dimensions to each individual pathway, and that when joined together, the Framework is connected, integrated and implemented.

• Each of the nine Strategic Pathways are explained in more detail, along with specific guidance, in Part 2: Implementation Guide.
There needs to be more institutional collaboration, coordination, interoperability and integration across the various national data information systems and platforms.
providing the data for development; for evidence-based policy and decision making

"Knowing where people and things are and their relationship to each other is essential for informed decision-making. Comprehensive location-based information is helping Governments to develop strategic priorities, make decisions, and measure and monitor outcomes.”
The learning event sought to strengthen nationally integrated information for sustainable development, integrating geospatial, statistical, and other information for national development priorities and national implementation of the 2030 Agenda, a system-of-systems approach that delivers the evidence on ‘where’ people interact with their place, events, activities for evidence-based and accountable actions to leave no one behind.

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Did the learning event provide the means – for federating information – geospatial, statistical and other information;

for adopting and applying integrative geospatial technologies and processes;

as a nexus for delivering evidence on ‘where’ people interact with their place, events, activities for evidence-based decisions and accountable actions, and to leave no one behind.
It is possible!

What is one thing you will do upon returning to your capital?

What do you need to sustain the momentum?

and to succeed!

“If you want to go quickly, go alone. If you want to go far, go together”

(African Proverb)
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