

Transforming our world -
The 2030 Agenda for
Sustainable Development



Third International Workshop on Operationalizing the Integrated Geospatial Information Framework
26 - 28 November 2019, Conference Room, Office of the National Statistical Committee
Minsk, Belarus

Why we are here?
workshop objective and organization of work

United Nations Secretariat for Global Geospatial Information Management
Statistics Division, Department of Economic and Social Affairs




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Global Geospatial Information Management

Positioning geospatial information to address global challenges
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**Strengthening national geospatial information management,
systems, infrastructures and capabilities**

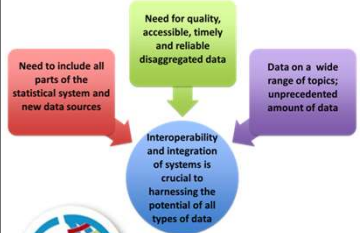
*Positioning geospatial information to effectively address global challenges ..
and implementing national strategic priorities, make decisions, and measure and monitor outcomes*



Geospatial information reflects the physical world in which all human, economic and environmental activity takes place, and provides the digital version of our world - without which a digital economy is not possible. Geospatial information describes the physical location of geographic features and their relationship to other features and associated statistical information. Geospatial information is presented in many forms and mediums including maps, satellite imagery and aerial photography.

Citizens, communities, business sectors, governments, and many other stakeholder benefit, on a daily basis and often unknowingly, from the use of geospatial information and related location-based services. This is because geospatial information provides the digital connection between a place, its people and their activities, and is used to illustrate what is happening - where, how and why. It is also used to model and portray the impact of the past, the present and likely future scenarios.

(Integrated Geospatial Information Framework)



Need to include all parts of the statistical system and new data sources

Need for quality, accessible, timely and reliable disaggregated data

Data on a wide range of topics; unprecedented amount of data

Interoperability and integration of systems is crucial to harnessing the potential of all types of data

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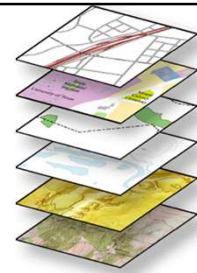
.. ... our 21st century landscape

What is changing rapidly is the pace at which high quality data is being made available... combined with enabling technologies and sophisticated analytics... that are able to collect and manipulate the data. **How do we keep up?**

Change itself is not the problem...that is inevitable progress. It is the pace of change that is so challenging. **How to respond to this pace ...** and the many multi-dimensional aspects?

New technologies that drive the collection, use and storage of data are increasing the relevance and quality of geospatial information.

Better and more relevant location-based data is providing new information and knowledge about a range of sectors, increasing the potential, value and productivity of the data...and the record of evidence.



Geospatial information is a critical component of the national infrastructure and knowledge economy; a blueprint of what happens where, and the means to integrate a wide variety of government services.



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United Nations Committee of Experts on Global Geospatial Information Management



Established in 2011 by ECOSOC, an intergovernmental Committee of Experts of the United Nations to:

- Provide coordination and dialogue among Member States, and between Member States and relevant international organizations on enhanced cooperation in the field of global geospatial information management;
- Make joint decisions and set directions on the application of geospatial information within national and global development policies and agendas;
- Collectively address global issues and contribute knowledge as a community with shared interests and concerns;
- Develop effective strategies to strengthen national geospatial information management capacities and utilization, especially in developing countries;
- To make timely, reliable and authoritative geospatial information readily available to support national, regional and global development;
- Support national, regional and global development with readily available and accessible reliable and timely geospatial information and contribute to the work of the United Nations, especially in the context of efforts to assist Member States in implementing the 2030 Agenda for Sustainable Development; and
- Reports to the Economic and Social Council of the United Nations annually on all matters relating to geography, geospatial information and related topic under the Council's agenda item "Geospatial information".



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**United Nations Committee of Experts on
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UN-GGIM Bureau:

Co-Chairs: Cameroon, Netherlands, Kingdom of Tonga
Rapporteur: Chile

UN-GGIM Regional Committees & Chairs:

- Africa: Senegal
- Americas: Mexico
- Arab States: Saudi Arabia
- Asia-Pacific: Australia
- Europe: Slovenia

UN-GGIM International Networks:

- Academic Network
- Private Sector Network
- United Nations Geospatial Network
- Geospatial Societies
- Standards Development Organizations

The Committee of Experts is the peak intergovernmental body to liaise and coordinate among Member States, and between Member States, international organizations and stakeholders, to foster better coordination and coherence in geospatial information management







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The Sustainable Development Goals Report 2019

"It is abundantly clear that a much deeper, faster and more ambitious response is needed to unleash the social and economic transformation needed to achieve our 2030 goals. From our advances, we know what works. This report therefore highlights areas that can drive progress across all 17 SDGs: financing; resilience; sustainable and inclusive economies; more effective institutions; local action; better use of data; and harnessing science, technology and innovation with a greater focus on digital transformation. In everything we do, we must diligently ensure that policy choices leave no one behind, and that national efforts are supported by effective international cooperation, grounded in a commitment to diplomacy and crisis prevention"

António Guterres
Secretary-General, United Nations



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**The Sustainable Development Goals Report
2019**



Addressing the data needs for the 2030 Agenda for Sustainable Development



General Assembly Resolution A/RES/70/1

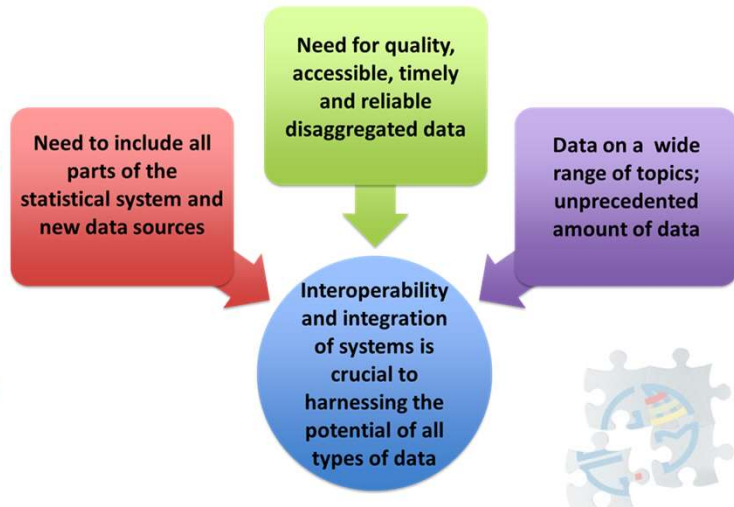
Para. 76; Follow up and Review

We will support developing countries, particularly African countries, LDCs, SIDS and LLDCs, in strengthening the capacity of national statistical offices and data systems to ensure access to high quality, timely, reliable and disaggregated data. We will promote transparent and accountable scaling-up of appropriate public-private cooperation to exploit the contribution to be made by a wide range of data, **including earth observation and geospatial information**, while ensuring national ownership in supporting and tracking progress.



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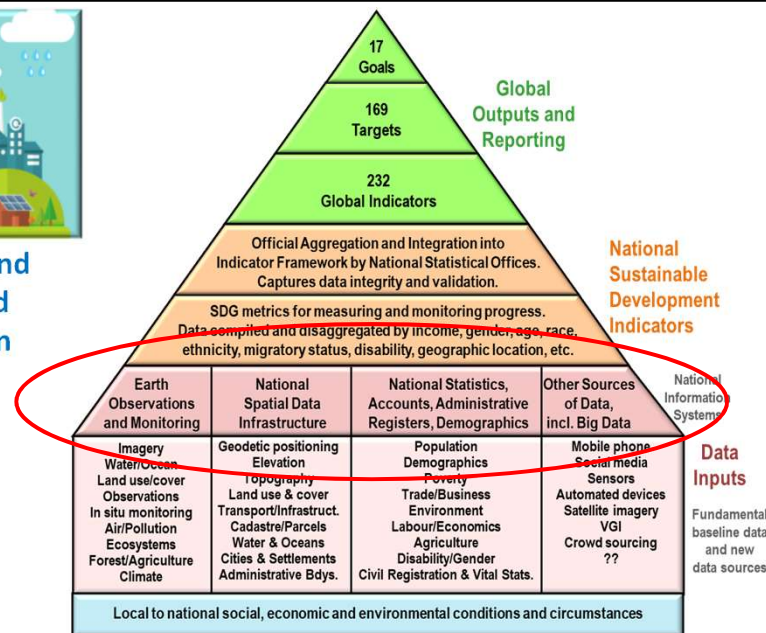


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An integrative and interconnected data ecosystem



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



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DIGITAL TRANSFORMATION

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Our Digital World



National
National Landsat 8 dataset

Courtesy of Geoscience Australia

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Courtesy: Eydis Finnbogadóttir, National Land Survey of Iceland (Ninth session of UN-GGIM, August 2019)




Future

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- ☐ A peer-to-peer learning event to raise and improve awareness, knowledge and understanding of national circumstances and the United Nations Integrated Geospatial Information Framework (IGIF);
- ☐ Contribute to the strengthening of nationally integrated geospatial information management towards the production, dissemination and application of geospatial information for national development priorities and the implementation of the 2030 Agenda for Sustainable Development;
- ☐ Address the Global Statistical Geospatial Framework as an important bridge that enables a range of data to be integrated from both statistical, geospatial and other communities; and
- ☐ Address the IGIF and it's Implementation Guide as a reference and a mechanism for articulating and demonstrating national leadership and developing the capacity to take positive steps.





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Provisional annotated agenda

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Thank you

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