

Meeting of the UN Expert Group on the Integration of Statistical and Geospatial Information UN Economic Commission for Latin America and the Caribbean Santiago, Chile - December 2, 2022

Advancing the Work Plan 2022 – 2024 - Session Item 5(a):

Expand on the Integrated Geospatial Information Framework for the Statistical Domain

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Delivering insight through data for a better Canada



Statistics
Canada

Statistique
Canada

Canada



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Context

- The Integrated Geospatial Information Framework (IGIF) is relevant for enabling and promoting the use of geospatial information across the national integrated data ecosystem. As the overarching 'anchor' Framework for the global geospatial information community, the Expert Group recognizes the importance of the IGIF as an enabling Framework for the Global Statistical Geospatial Framework (GSGF).
- From shared national experiences, the Expert Group has further identified the interlinked and interconnected nature of both Frameworks, noting that each fosters an enabling environment for the other. The need to communicate the IGIF and its ensuing benefits has been recognized by the Expert Group in its Work Plan 2022 – 2024, supported by its overarching mandates.

The questions for this group:

- How will the Expert Group develop this guidance?
- What priority should this task be afforded?
- Who should it be targeted to?
- What form should it take?



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Context continued

Work Plan 2022 to 2024 - Item A:

- Develop a white paper "The IGIF for the Statistical Domain".
- This paper will draw on the IGIF and its Implementation Guide, combined with the Expert Group's work on the GSGF Implementation Guide to assist in the understanding and operationalization of the GSGF.

Context for the EG:

- To engage in a discussion that agrees on a set of actions on the direction for the white paper that expands on the Integrated Geospatial Information Framework (IGIF) for the Statistical Domain.

Mandates:

- UN-GGIM Decision 12/108 stressed the importance of leveraging the Integrated Geospatial Information Framework for the statistical domain, to strengthen the interlinkages between the Global Statistical Geospatial Framework and the Integrated Geospatial Information Framework to enhance the transformative role that geospatial information could have in the statistical production process.
- UNSC Decision 53/127 Welcomed the increased focus on the coordinating role of the Expert Group and its efforts to strengthen interlinkages with relevant groups in both the statistical and geospatial communities.



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Discussion points – Some initial questions

Who are the audiences for this documentation and the scope of this task?

- From an institutional perspective, depending on how a country is organized, the audience would include the NSOs, the National Geospatial Information Agencies, or combined national statistical and geospatial agencies responsible to provide statistical and geospatial data and information. Is this sufficient or too broad, or is the focus the NSOs?
- High-level decision and policy makers OR program managers?
- Should the paper be a concise high-level document OR a detailed and longer document, or two documents (both)?



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Discussion points - How to communicate the IGIF for the Statistical Domain, *or how best to position the output from this task/item vis-à-vis the future direction of the EG being discussed at this meeting?*

- Should the white paper include examples or use-cases that apply/reference the two Frameworks to build, develop or strengthen the integration of statistical and geospatial information to meet current and emerging national policy objectives and commitments?
- How best to relate the two Frameworks for the intended audience without repeating *too much* existing content (such as the Frameworks, the Guides, the Country-level Action Plans and Readiness Survey results)?
 - A suggestion – To focus on one, a subset or all the 9 IGIF pathways (particularly if the intended audience are decision & policy makers)?

Strategic Pathway 1: Governance and Institutions

Strategic Pathway 2: Legal and Policy

Strategic Pathway 3: Financial

Strategic Pathway 4: Data

Strategic Pathway 5: Innovation

Strategic Pathway 6: Standards

Strategic Pathway 7: Partnerships

Strategic Pathway 8: Capacity and Education

Strategic Pathway 9: Communication and Engagement

An example of a 9 SP approach can be found in the “COVID-19: Ready to Respond” white paper, examining the role of the IGIF through the lens of COVID-19.

https://ggim.un.org/meetings/GGIM-committee/10th-Session/documents/Covid-19_Ready-to-Respond.pdf



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Discussion points - Your input.

Interest in this work

Canada is continuing to offer to (co) lead this Task Team and welcomes and seeks fellow countries to help lead and contribute to this work.





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Muchas gracias / Muito obrigado / Merci / Thank you



PRINCIPLES

Accessible & usable

Statistical and geospatial interoperability

Common geographies for dissemination of statistics

Geocoded unit record data in a data management environment

Use of fundamental geospatial infrastructure and geocoding

KEY ELEMENTS

Standards and Good Practices

National Laws and Policy

Technical Infrastructure

Institutional Collaboration

INPUT

Geospatial

- Fundamental data
- Supplementary data
- New data sources

Statistical

- Censuses
- Surveys
- Administrative data records
- Big data and other sources

OUTPUT

Integration

Harmonised and standardised information

Interoperability Comparability

Diffusion

Analysis

Decision making

Global Development Frameworks

UN-GGIM Global Geospatial Frameworks

2030 AGENDA FOR SUSTAINABLE DEVELOPMENT



INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK (IGIF)

Sendai Framework for Disaster Risk Reduction 2015-2030

Paris Agreement on Climate Change

Strategic Framework on Geospatial Information and Services for Disasters

Global Statistical Geospatial Framework (GSGF)

Framework for Effective Land Administration (FELA)

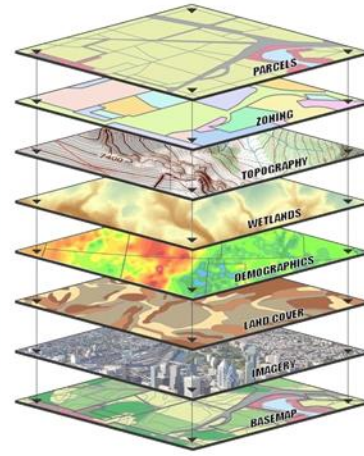
SAMOA Pathway for SIDS
Addis Ababa Action Agenda
Habitat III New Urban Agenda
Our Ocean, Our Future: Call for Action

Global Fundamental Geospatial Data Themes
Global Geodetic Reference Frame (GGRF)
National Institutional Arrangements in Geospatial Information Management
Role of Standards in Geospatial Information Management
Compendium on Licensing of Geospatial Information
Statement of Shared Guiding Principles for Geospatial Information Management



UN-GGIM

United Nations Committee of Experts on Global Geospatial Information Management



Integrated Geospatial Information Framework
Overarching Strategic Framework
Why?

National Implementation Guide
Implementation Guide
What?

National (or sub-national) Action Plans/Delivery System
Country-level Action Plans
How, when, who?

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.



UN-GGIM

United Nations Secretariat
Global Geospatial Information Management