

The EG-ISGI Future Strategic Direction

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7° Expert Group on the Integration of Statistical and Geospatial Information
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THE FUTURE FOR THE EG-ISGI

Considering:

- EG-ISGI has a broader mandate in integration of statistics and geospatial information.
- EG-ISGI has objective to provide high-level coordination and a forum for dialogue between statistical and geospatial communities.
- The importance of geo-statistical integration is now considered crucial for meeting the demands of our changing data landscape.

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- How should countries work to strengthen the coordination and cooperation between National Statistical Offices, National Geospatial Information Agencies, and others in the national data ecosystem?
- What strategic actions should the Expert Group undertake to ensure that this transformation nationally and global fulfils its potential?
- What are the challenges beyond the directly census related work, which hinder the integration of statistical and geospatial information and could be addressed at the Expert Group? *Examples: Usage of different data sources (e.g. building register, address databases, purchased data such as transport or telecom network data)? Interoperability challenges? Implementation difficulties?*
- How could the Expert Group help facilitate better knowledge sharing, exchange of best practices and building up of partnerships?

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| Task Description | Responsible Members | Lead Member | Begin Date | Target Date | Subtasks | Anticipated Outcome or Result |
|---|---|---|------------|-------------|---|--|
| Review of the Terms of Reference and Work Plan | The EG-ISGI | | | | <ul style="list-style-type: none"> - Receive feedback - Finalise and upload - Renew Membership of the EG-ISGI | Agreed Terms of Reference submitted to both the Statistical Commission for their information as a background document at the 54th Session |
| Reporting to the Statistical Commission and UN-GGIM | The EG-ISGI | The co-Chairs | | | | |
| Renewing Membership of the EG-ISGI | The EG-ISGI | The co-Chairs | | | | |
| Regional Implementation of the GSGF | Steering Group – co-Chairs, Secretariat, Regional Focal Points | | | | <ul style="list-style-type: none"> - Identify a suitable mechanism for the coordination across the functional groups of the Statistical Commission. - Produce material to assist 'leaders and change agents' with promoting and communicating the work of the EG-ISGI - Identify potential interlinkages with other groups (including IAEG-SDG: WGCI, OGC Statistical DWG and others) to support the collaboration and delivery of this work programme | <ul style="list-style-type: none"> - Improved dissemination of the GSGF at the Regional Level - Enhanced participation from the Regional members within the work programme of the EG-ISGI |
| Coordination and Coherence Across Functional Groups of the Statistical Commission | Steering Group – co-Chairs, Secretariat, representatives of functional groups | | | | <ul style="list-style-type: none"> - Use Regional Focal Points, as a coordination mechanism for Regional implementation of the GSGF - Coordinate with UN-GGIM: Europe (and identify complementary work ongoing within the regions), on their work on statistical/geospatial integration. - Coordinate with other regional groups to identify Regional Focal Points to further strengthen dissemination of the EG-ISGI's outputs at the Regional level | <ul style="list-style-type: none"> - Agreement of how we will coordinate across the Functional Groups of UNSC - Produce material to assist 'leaders and change agents' with promoting and communicating the work of the EG-ISGI |
| Roadmap of Activities | Steering Group – co-Chairs, Secretariat, leads of Task Teams | | | | <ul style="list-style-type: none"> - Identify upcoming meetings/events that the EG-ISGI should be at to articulate geo-statistical integration. | <ul style="list-style-type: none"> - A roadmap of activities that defines where the Expert Group will communicate the GSGF and geo-statistical integration - Distill into a series of agreed actions for the EG-ISGI, with assigned members responsible for conducting said activities. |
| Substantive Task Teams (as defined by the Work Plan 2022 - 2024) | | | | | | |
| Task Team on the IGIF for the Statistical Domain | Karl Majorhazi (New Zealand) | Peter Murphy (Canada) and XX (XX) | | | | <ul style="list-style-type: none"> • 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 operationalisation of the GSGF |
| Task Team on Capacity Building | | Jerker Moström (Sweden), Jørn Kristian Undelstvedt (Norway) | | | | <ul style="list-style-type: none"> • Explore the development of a capacity-assessment tool that helps countries assess their maturity of statistical-geospatial integration |
| Task Team on Enterprise Architectures | | | | | | <ul style="list-style-type: none"> • Develop or highlight recommended good practices for NSOs to strengthen their statistical disclosure control methods for geospatially enabled statistical data • Develop a position paper on statistical disclosure control methods for geospatially enabled |

Strategy for disseminating the work of EG-ISGI throughout the statistical community

e. More focused and intense work to disseminate the GSGF in strategic organizations and groups.

e.2 - IAEG - Working Group on Geospatial information

- Produce dissemination material relating to the Slogan "Leave no one behind" with the need to integrate geospatial and statistical information and the GSGF?
- Work together with this group to support the dissemination of the GSGF (with presentations, training material, etc)?

e.2 - BIG Data Group

- i. Seek to include the GSGF as a fundamental recommendation for the production of statistics based on big data?

GAP: GSGF does not cover statistics produced from remote sensing and big data. **UPDATE de GSGF???**

Strategy for disseminating the work of EG-ISGI throughout the statistical community

- e. More focused and intense work to disseminate the GSGF in strategic organizations and groups?
 - e.2 - IGIF
- i. How to enhance the of the GSGF as a bridge between Statistical Community and geospatial Community using IGIF?

1) strategy for disseminating the work of EG-ISGI throughout the statistical community

e. More focused and intense work to disseminate the GSGF in strategic organizations and groups?

e.1 UNFPA/UNSD (Methodological Framework for housing and census)?

- Conduct, in partnership with UNFPA, a new global consultation on the use of the GSGF in this Census round, which is still ongoing. This consultation should seek to identify difficulties in implementing the framework, specially in less development countries?
- Seek to include the GSGF as a fundamental recommendation for carrying out Demographic Censuses (UN Handbook on Population and Housing Census Editing Revision 2 does not adopt GSGF)?

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e.1 Climate Change and Disaster-related statistics

- Integration of data, including the modelling of different scenarios is essential for adaptation and transformation to prevent impacts of climate change – this necessitates improved integration.
- Resilience and risk mitigation are as important as rebuilding and build back better following disaster events – geospatially integrated data is key in the disaster process, from resilience, to response, recovery and reconstruction.

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Strategy for disseminating the work of EG-ISGI throughout the statistical community

- a. Produce a document for the dissemination of the GSGF with simple language and focused on the benefits of the framework. It would be a small document, a kind of brochure with 2-4 pages?

Strategy for disseminating the work of EG-ISGI throughout the statistical community

d. Improve communication with United Nations organizations, Expert and working groups. The EG-ISGI may use the "new" brochure to facilitate communication with these groups. An important part of the job is to identify key people in each organization to direct communication and improve partner engagement in the statistics area. Some suggested organizations to contact:

- FAO - Agricultural statistics
- ILO - labour statistics (already in the EG_ISGI)
- WHO - Health statistics
- Climate Change
- Environmental statistics
- Disaster related statistics

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- b. Promote a side event in the 54th Statistical Commission Sessions to disseminate GSGF to statisticians?

- c. Promote side events in regional Statistical Conference/Sessions in 2023. These regional side-events would be coordinated by EG-ISGI member countries in each region and supported by the group's co-chairs and using standardized presentations (may have a part dedicated to regional issues)?

Inclusion of statistical information from remote sensing and big data in the scope of the GSGF?

The GSGF was built primarily to integrate information from household and economic surveys and Census. The GSGF was built mainly to integrate information from household and economic surveys. However, information from remote sensing and big data is increasingly used to produce statistics. These statistics also need to be integrated with geoinformation. For this, principles 3, 4 and 5 of the GSGF immediately offer good support for this integration.

- a) The Principle 3, about common geographies work as a spatial unit for integrating this information.
- b) The Principle 4, about the interoperability principles are fully applicable and desirable.
- c) The principle 5, about making information available in an easy and accessible way is also fully applicable and desirable.

Strategy for disseminating the work of EG-ISGI throughout the statistical community

f. Other thoughts about communication and articulation

- Promote the translation of the GSGF into other languages.
- Take advantage of the group's ten-year anniversary, which will be completed in March 2023, to advance in publicizing the GSGF, including producing a commemorative logo for the group.
- Look for other ways to spread the GSGF, such as South-South cooperation, the Community of Portuguese Speaking Countries (CPLP) and others

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Suggestion of organizations to be included in the group or to seek reinforcement in their participation

- OECD
- UNFPA – United Nations Population Found
- Labour statistics - ILO
- Agricultural statistics - FAO
- BIG DATA Group
- IAEG – WGGI
- Un committee of experts on environmental -economic Acount (UNCEEA)

.....others

New members of Expert Group and to the task teams

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