UN-GGIM:Americas
REGIONAL COMMITTEE OF UNITED NATIONS ON GLOBAL GEOSPATIAL INFORMATION MANAGEMENT FOR THE AMERICAS

9° SESSION
UN-GGIM: Americas

Perspectives for the integration of statistical and geospatial information in the Americas

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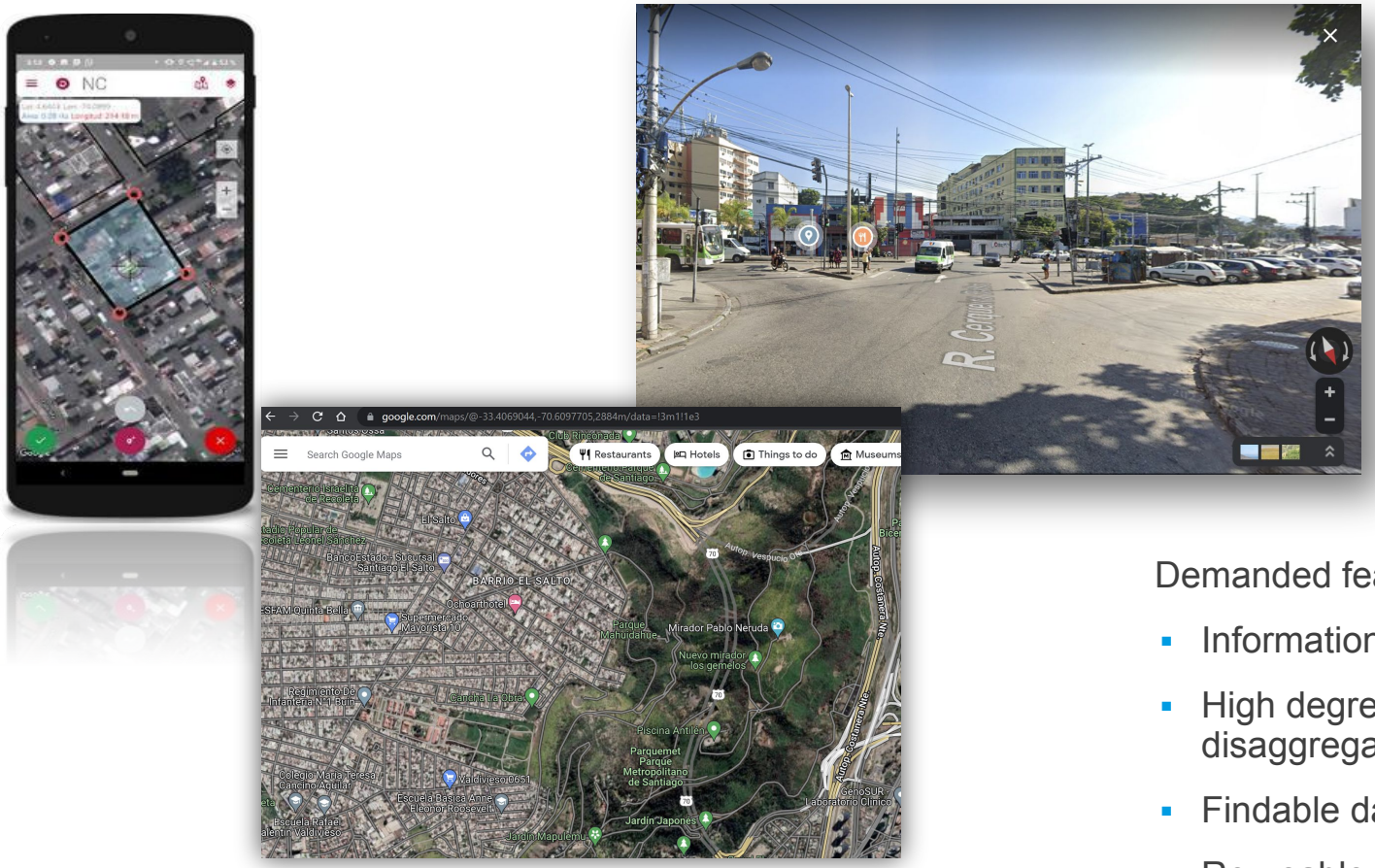
Session 7: Global Statistical and Geospatial Framework Workshop

DANE
INFORMACIÓN PARA TODOS

November 28, 29 and 30
Santiago de Chile, ECLAC

Perspectives for the integration of statistical and geospatial information in the Americas

Growing demand for geo-referenced statistical information



Demanded features:

- Information updated "in real time".
- High degree of geographic, temporal and thematic disaggregation.
- Findable data
- Re-usable

Perspectives for the integration of statistical and geospatial information in the Americas

Limitations in the region during the process of integration of statistical and geospatial information.

1. Outdated cartography in some countries of the region.
2. Budget limitations.
3. Technological limitations.
4. Lack of standards.
5. Duplicity of efforts in the production of geographic information,
6. Lack of coordination between the Statistical Institutes and the Cartographic Agencies of the countries.
7. Training needs in the countries.

The need arises to propose a new approach to the processes of integration of statistical and geospatial information, aligned with the five GSGF principles

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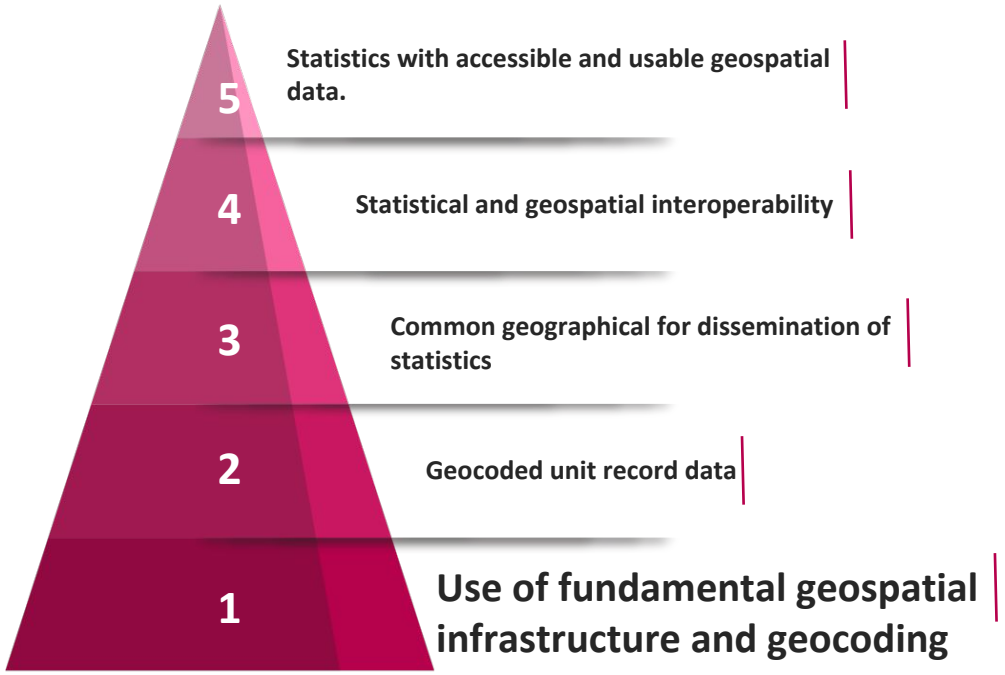
New approach based on the five GSGF principles



As a first step, work will be carried out during 2023 to strengthen countries in the implementation of Principle 1*: **Use of geospatial infrastructure and geocoding***, through the application of the following strategies:

- Enable spaces for discussion and socialization focused on addressing standards-based geocoding.
- Establish standards that allow the geocoding of administrative records or secondary sources.
- Consolidate a common address standard.
- Establishment of a grid.

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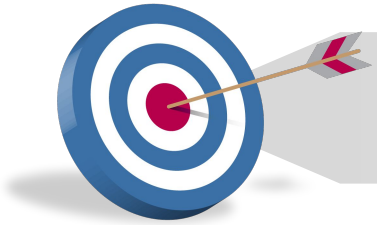
Work Plan 2022 – 2025 Working Group on the integration of statistical and geospatial information (GT-IIEG)



Objetive 1. Promote and strengthen GSGF principles in the geostatistical community. Strengthen capacities in:

GSGF Principles	Date	Activities
1. Use of fundamental geospatial infrastructure and geocoding.	Second semester 2023	1. Compilation of use cases and technical documentation.
2. Geocoded unit record data in a data management environment.	First semester 2024	2. Publication of use cases and technical documentation on UN-GGIM: America's website.
3. Common geographies for dissemination of statistics.	Second semester 2024	
4. Statistical and geospatial interoperability.	Second semester 2024	3. Holding a regional training workshop.
5. Accessible and usable geospatially enabled statistics.	First semester 2025	

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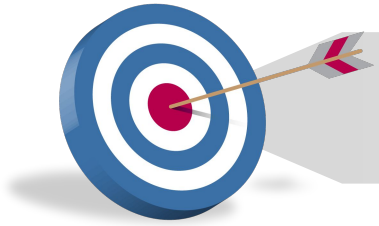

Objetive 2. Strengthening the Statistical and Geospatial Framework of the Americas

Specific Objectives	Activities	Date
Define the geostatistical levels to be included in the MEGA.	• Design of a survey to prepare a diagnosis related to the levels of disaggregated geographic information. • Application of the diagnostic survey • Evaluation of the results of the diagnostic survey • Formulation of a proposal for the incorporation of geostatistical levels into the MEGA. • Implementation of additional geostatistical levels to the MEGA.	2023 - 2025

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Implementation of the MEGA version 2.0

Countries that submitted information:

- Chile
- Colombia
- Costa Rica
- Ecuador
- El Salvador
- United States
- Guatemala
- Mexico
- Panama
- Dominican Republic

Disadvantages:

- Outdated list of focal points.
- Complexity of the collection instruments.
- Lack of standardization of thematic concepts.
- Lack of interoperability in information management.

Perspectives for the integration of statistical and geospatial information in the Americas

MEGA as a SINGLE Geostatistical Framework for the Americas to support compliance with the principles of integration of statistical and geospatial information (GSGF).

1. Integration of the MEGA platform into the SDI of the Americas.
2. MEGA as a support framework for integrating and disseminating geostatistical information through CEPALSTAT.
3. Interoperability with other regional platforms
4. Use the standard geocode generated by MEGA to integrate statistical and geospatial information.
5. Promote the disaggregation and implementation of common geographies in the Americas.

Conclusions

Agreements lines of action

1. Establish CEPAL STAT as the single regional platform for the dissemination of geo-referenced statistics.
2. MEGA as a support framework for integrating and disseminating geostatistical information through CEPALSTAT.
3. Use the standard geocode generated by MEGA to integrate statistical and geospatial information.
4. Include as decisions of the resolution of the ninth session of UN-GGIM Americas:

Adopt the MEGA as the single and irremovable Geostatistical Framework for the Americas to support compliance with the principles of integration of statistical and geospatial information (GSGF).

Establish by resolution the guidelines for the use and exploitation of MEGA's consolidated geographic information, including aspects related to the citation of credits and the non-modification of layers except for the owner.

Thanks