



UN-GGIM:Américas

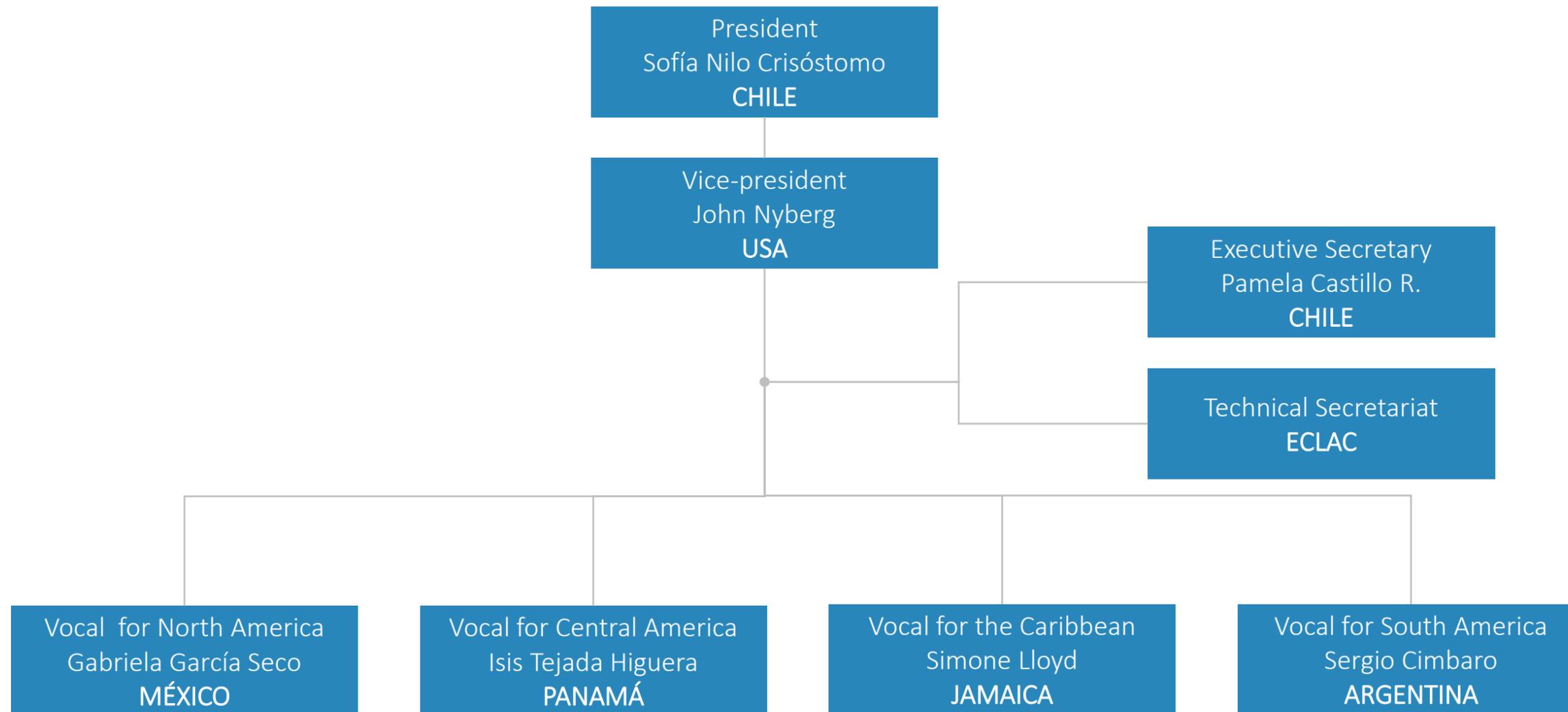
REGIONAL COMMITTEE OF
UNITED NATIONS
ON GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT
FOR THE AMERICAS

Regional Committee of United Nations on Global Geospatial Information Management for the Américas UN-GGIM Americas

May, 2023



Composition of the new Board of Directors of the UN-GGIM: Americas





Objective

Determine the relevant regional issues for the management of geospatial information, and take the necessary measures to maximize the economic, social and environmental benefits derived from its use.

UN GGIM: AMERICAS Work Plan 2021-2025

- In response to the objectives of the UN-GGIM: Americas, the Board of Directors formulated a new work plan consistent with the global frameworks of the UN-GGIM:

Current Group	New Denomination (proposed)	Co-Chairs
Integration of Statistical and Geospatial Information	WG for the Integration of Statistical and Geospatial Information (IIEG)	Colombia - Mexico
Geospatial Data Infrastructure	WG on Integrated Geospatial Information Framework (IGIF)	Panama - Chile
Disasters	WG on Strategic Framework for Geospatial Information and Services for Disasters (GISD)	Ecuador – Brasil
Geodesy	WG on Geodetic Reference Frame for the Americas (GRFA)	Brazil - Argentina



Working Group on Integration of Statistical and Geospatial Information (WG-IIEG)

- This working group seeks to integrate statistical and geospatial information in a unified manner for the region with common principles and standards, strengthening dissemination for decision making.
- In November 2021 during the Eighth Session of the Regional Committee of UN-GGIM: Americas, this working group presented the new statistical information to be included in the MEGA version 2.0, defined from the consultation made to the countries, through a survey in June 2021.
- In March 2022, the Member States were contacted to request the new statistical information to be included in MEGA version 2.0. This request was guided by the "Document on Standardization of Geospatial and Statistical Information".
- The working group is currently discussing the reorientation of some actions of its work plan.

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



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

GSGF Principles
1. Use of fundamental geospatial infrastructure and geocoding.
2. Geocoded unit record data in a data management environment.
3. Common geographies for dissemination of statistics.
4. Statistical and geospatial interoperability.
5. Accessible and usable geospatially enabled statistics.

2023

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2025

Activities
1. Compilation of use cases and technical documentation.
2. Publication of use cases and technical documentation on UN-GGIM: America’s website.
3. Holding a regional training workshop.

Regional seminar on the GSGF and its five principles

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

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



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

Specific Objectives	Activities	Date
Define the geostatistical levels to be included in the MEGA.	<ul style="list-style-type: none">• 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

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

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

Challenges:

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

Goals 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).

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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.
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Working Group on the Integrated Geospatial Information Framework (WG-IGIF)

- Geospatial Data Infrastructures Working Group: Work was established in 2018 with the objective of aligning SDI's in the Americas.



Working Group on the Integrated Geospatial Information Framework (WG-IGIF)

- August 2021, this working group presented the results of the Diagnosis on the State of the Geospatial Data Infrastructures of the Member States of the Regional Committee.
- During the Eighth Session of the Regional Committee, it was decided to adapt this instrument to the survey of information of the nine strategic routes of the Integrated Geospatial Information Framework (IGIF).
- During the year 2022, the survey was redesigned in response to the IGIF strategic directions.
- For the year 2023 in GT will work on the fulfillment of the following objectives:
 - To promote the actions that will be carried out during the 3 years work plan.
 - To learn about the status of IGIF implementation in the region.
 - Verify the state of progress of the SDIs of the Americas with respect to the IGIF strategic pathways.
 - Develop workshops related to the implementation of the IGIF



Working Group on the Strategic Framework on Geospatial Information and Services for Disasters (WG-GISD)

- The objective of this working group is to coordinate and promote the use of geospatial information in relation to the management and actions oriented to the reduction of risks and natural disasters.
- Working group reported that according to the planned activities, the Terms of Reference (ToR) document for an action plan on capacity building at the regional level was finalized.
- Reported the participation of some Member States in the Open Geospatial Consortium (OGC) pilot project for disasters, which ended in December 2021
- This working group currently has a new leadership led by Brazil and Ecuador, which will be proposed in the resolutions of the Ninth Session. These countries are currently developing the details of their work plan.



Working Group on the Strategic Framework on Geospatial Information and Services for Disasters (WG-GISD)

- The 2023 Work Plan will focus on the following objectives:
 - Creation of the "Memory HUB", in order to promote and improve awareness of adverse natural events that have caused disasters in the region.
 - Determine the minimum geospatial information layers necessary to assist with disaster response.
 - To make a registry of good practices in the use of geoinformation in disaster response.



Working Group on Geodetic Reference Framework for the Americas (WG-GRFA)

- September 2021 the working group developed a recommendation for Member States to open their geodetic repositories.
- October 2021, a resolution proposal was presented for the implementation of the open exchange of GNSS data
- October 2021, the working group held the workshop "GNSS Geodetic Infrastructure"
- October 2021, a diagnosis was made through a survey on the state of the art of the reference frames and geodetic capacities of the Member States
- Recently, at the beginning of this month, the SIRGAS 2022 Symposium was held, in which this group actively participated.



Working Group on Geodetic Reference Framework for the Americas (WG-GRFA)

For this year 2023, the objectives of this Working Group will be:

- Improve the governance structure for developing and sustaining the SIRGAS geodetic reference frame.
- Strengthen the geodetic capabilities of professionals and technicians responsible for the maintenance of national geodetic reference frames.
- Promote the open exchange open exchange of geodetic data to improve and develop the geodetic reference frame of the Americas
- Establish and maintain the framework of reference for the Americas
- Develop communication and communication and outreach programs to make the geodetic frame of geodetic reference frame more visible and understandable to society



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Thanks!

May, 2023