



**UN-GGIM:Americas**

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

Session 3: Progress of the working groups and regional initiatives following the resolutions of the Tenth Session

## **WORKING GROUP ON STATISTICAL AND GEOSPATIAL INFORMATION INTEGRATION**

**XI**  
SESSION

**OCTOBER 7TH,  
2024**

MEXICO CITY

**Progress Working Group on Statistical  
and Geospatial Information Integration**

**WG-ISGI Americas  
UNGGIM -Americas**

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**OCTOBER 7TH,  
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# WORK PLAN 2024 - WG-ISGI UNGGIM -AMERICAS



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OCTOBER 7TH,  
2024  
MEXICO CITY

GOALS	SPECIFIC OBJECTIVES	ACTIVITIES	DATE
Promote and strengthen the GSGF principles in the geostatistical community	1.Compilation of use cases and consolidation of technical documentation	1.1. Compilation of use cases and technical documentation.	March 2024
		1.2. Publication of use cases and technical documentation on the UN-GGIM: America's website.	
	2. Conduct regional workshops on GSGF principles.	2.1. Holding a regional training workshop on the use of fundamental geospatial infrastructure and geocoding.	April 2024
		Principle 2: <b>Using geocoded unit record data in a data management environment</b> Principle 3: <b>Common geographies for dissemination of statistics.</b> Principle 4: <b>Statistical and geospatial interoperability.</b>	May 2024 June 2024
Strengthening the Statistical and Geospatial Framework of the Americas	3. Define the geostatistical levels to be included in the MEGA	3.1. Technical specification document to update the MEGA levels.	March 2024
		3.2. Request to the countries to send the updated levels of MEGA.	August 2024
		3.3. Formulation of a proposal for the incorporation of geostatistical levels into the MEGA	October 2024

# 1. COMPILATION OF USE CASES AND CONSOLIDATION OF TECHNICAL DOCUMENTATION



Request to send technical documents of GSGF to member countries.

*February 2024*



Compilation of use cases and technical documentation.

*March 2024*



Publication of use cases and technical documentation on the UN-GGIM: America's website.

*September 2024*



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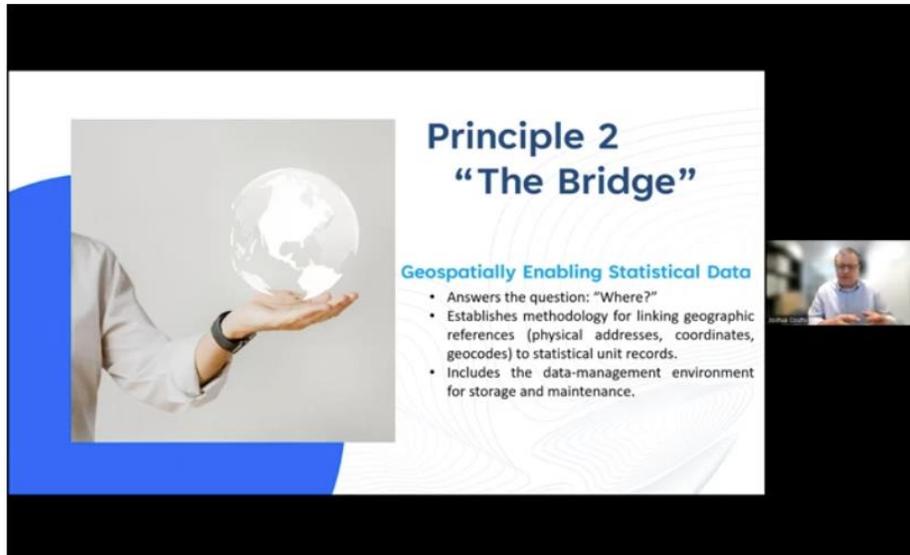
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## 2. REGIONAL WEBINAR SERIES ON THE GSGF AND ITS FIVE PRINCIPLES

**Principle 2:** “Using geocoded unit record data in a data management environment”.



Date: April 2, 2024 Time: 10:00 AM to 11:00 AM (GMT-5)



### Objective:

The goal of Principle 2 is to allow all statistical unit records to be linked to a location, wherever it is possible to do so. This will then enable integration of data from a wide variety of sources, such as other socioeconomic statistical data, administrative data, and geospatial information about the built and natural environment. Principle 2 also enables flexible application of any geographic content when preparing data for release and analysis.



### Total of 100 attendees



### Agenda

#### General information about GSGF Principle 2

- **USA** - *Joshua J. Coutts* – US Census Bureau

#### Discussion of GSGF Principle 2

- **Costa Rica** - *Luis Carlos Paniagua Carvajal* Institute of Statistics and Censuses.
- **Colombia** – *Sandra Liliana Moreno* - Geostatistics Division, DANE



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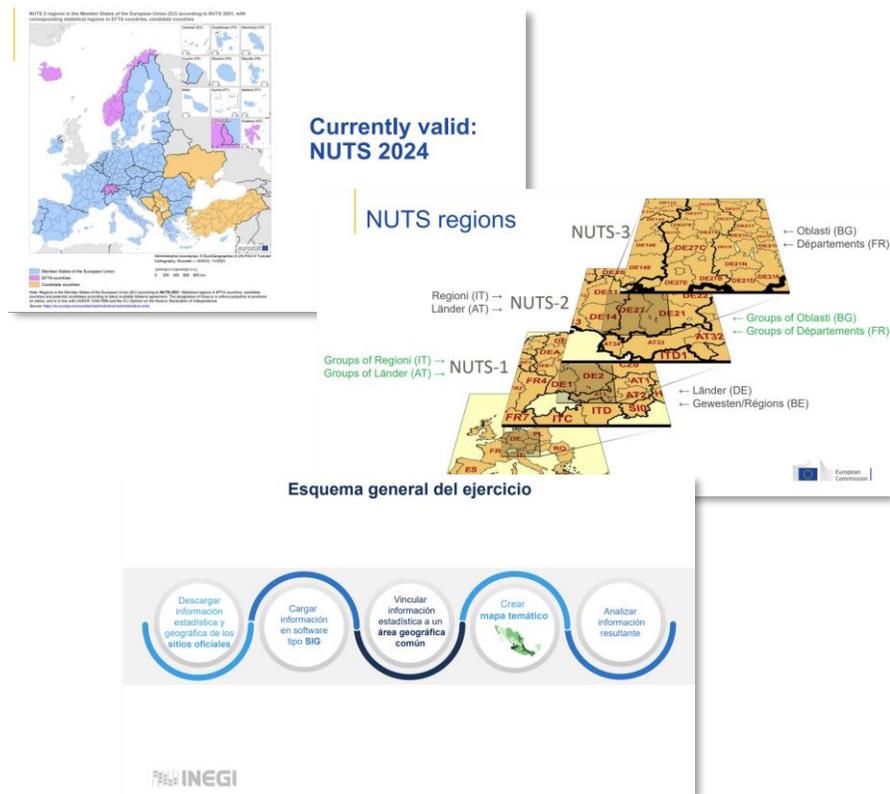
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## 2. REGIONAL WEBINAR SERIES ON THE GSGF AND ITS FIVE PRINCIPLES

### Principle 3: “Common geographies for dissemination of statistics”.



Date: May 14, 2024 Time: 10:00 AM to 11:30 AM (GMT-5)



### Objective:

The goal of Principle 3 is to support the provision of a common set of geographies that ensure the consistent geospatial aggregation and dissemination of statistical data, irrespective of whether they are in gridded or administrative boundaries.



### Total of 90 attendees



### Agenda

#### Establishing Common Geographies

USA - Joshua J. Coutts - US Census Bureau

#### Nomenclature of Territorial Statistical Units (NUTS) in the European Union

Eurostat - Oliver Heiden,

#### Workshop GSGF Principle 3

Mexico - Raquel Terán, Director of the Geostatistical Framework and Limits - INEGI



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## 2. REGIONAL WEBINAR SERIES ON THE GSGF AND ITS FIVE PRINCIPLES

**Principle 4:** “Using geocoded unit record data in a data management environment”.



Date: June 18, 2024 Time: 10:00 AM to 11:00 AM (GMT-5)



### Principle 4

#### Geospatial and Statistical Data Interoperability

This principle emphasizes greater interoperability between statistical and geospatial data through the implementation of open standards, robust metadata, and the identification (and use of) best practices. It aims to overcome barriers between data from different communities and providers, enhancing the discovery, access, and use of geospatially enabled statistical data.

- Integration and Output
- Standards, Good Policies, and Practices
- Metadata and Transparency
- Collaboration and Efficiency



### Objective:

Principle 4 defines the preconditions for statistical and geospatial data to work as a data ecosystem, in which those involved interact with each other to exchange, produce, and consume data. Interoperability between statistical and geospatial data and metadata standards is needed to overcome structural, semantic, and syntactic barriers between data and metadata from different communities and providers.



### Total of 55 attendees



### Agenda

#### General information about GSGF Principle 4

- Joshua J. Coutts – US Census Bureau

#### Discussion of GSGF Principle 4

- **Brasil** – Claudio Stenner. Head of Institutional Relations in Geosciences – IBGE
- **Panama** – Isis Tejada. Head of the National Geospatial Data Center – National Geographic Institute “Tommy Guardia”.
- **Panama** – Vanessa Nuñez. Department of Cartography and Geographic Information - National Institute of Statistics and Census.
- **Saint Lucia** – Sherma Small - Mapping Supervisor, Central Statistics Office.
- **Saint Lucia** – Suzanna Aurelien – GIS Officer at Ministry of Physical Development.



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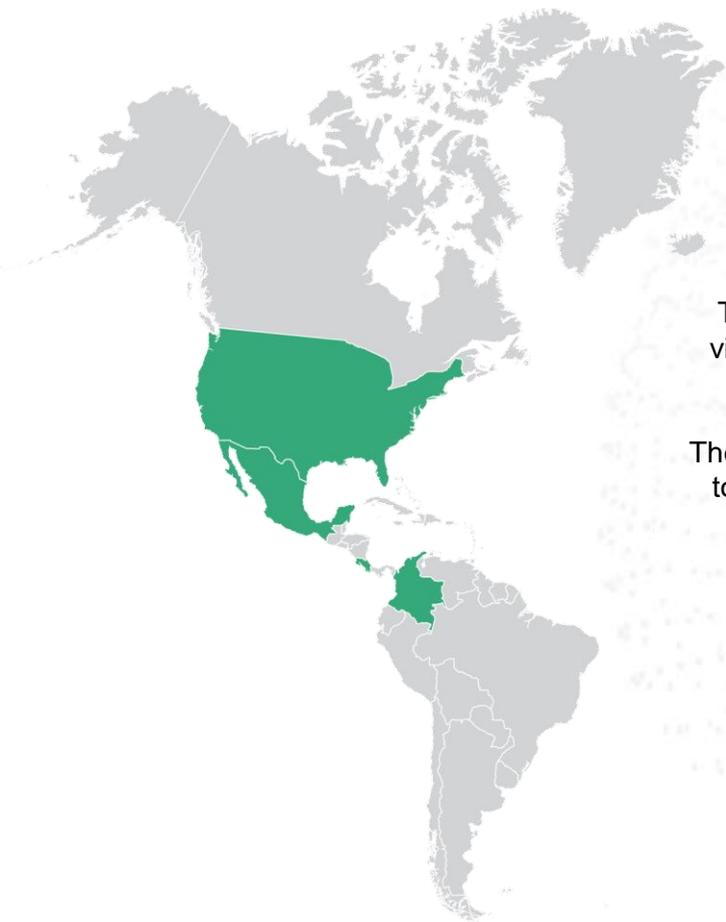
### 3. DEFINE THE GEOSTATISTICAL LEVELS TO BE INCLUDED IN THE MEGA

#### 3.1. Update of the MEGA levels.



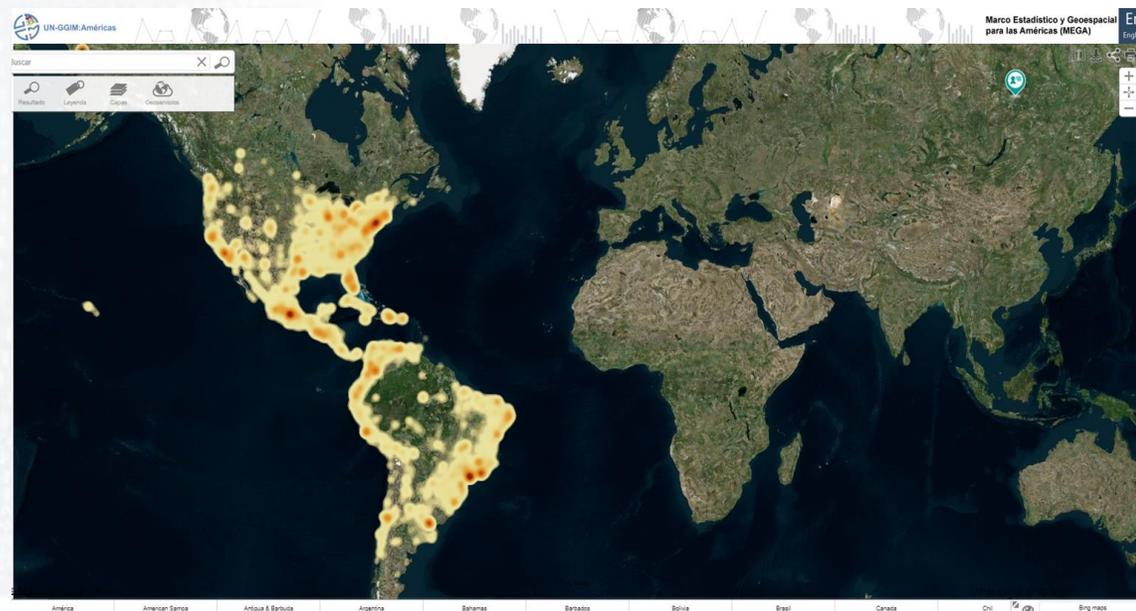
### 3. DEFINE THE GEOSTATISTICAL LEVELS TO BE INCLUDED IN THE MEGA

#### 3.1. Update of the MEGA levels.



The information currently available in the MEGA viewer will be maintained as historical, in order to maintain the traceability of the project.

The new information sent by the countries according to what is defined in the “MEGA update technical specifications” will be available as:  
**MEGA 2024 version.**



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### 3. DEFINE THE GEOSTATISTICAL LEVELS TO BE INCLUDED IN THE MEGA

#### 3.2. Formulation of a proposal for the incorporation of geostatistical levels into the MEGA (common geographies)



### 3. DEFINE THE GEOSTATISTICAL LEVELS TO BE INCLUDED IN THE MEGA

#### 3.2. Formulation of a proposal for the incorporation of geostatistical levels into the MEGA 2024 – 2025

##### Advantages of the NUTS application/adaptation:

- Based on official territorial boundaries and population size.
- Facilitate unification, standardization and regional comparability processes.
- Promote information analysis.

##### Considerations:

- **Have objective criteria for defining regions and population thresholds for the Américas.**
- **Due to the population differences of the countries in the region, it is necessary to incorporate new levels in the definition of the thresholds.**
- Maintain, as far as possible, the stability of the nomenclature over time.
- The functional, administrative and institutional reality of the countries should be respected in its structuring.
- Ensure common geographies for integration with georeferenced statistical data.



### 3. DEFINE THE GEOSTATISTICAL LEVELS TO BE INCLUDED IN THE MEGA

#### 3.2. Formulation of a proposal for the incorporation of geostatistical levels into the MEGA 2024 – 2025

Colombia



Costa Rica



México



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Official territorial levels

### 3. DEFINE THE GEOSTATISTICAL LEVELS TO BE INCLUDED IN THE MEGA

#### 3.2. Formulation of a proposal for the incorporation of geostatistical levels into the MEGA 2024 – 2025: NUTS adaptation

Colombia



Costa Rica



México



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POPULATION THRESHOLDS (EUROPEAN UNION)		
NUTS Level	Min. Population	Max. Population
1	3.000.000	7.000.000
2	800.000	3.000.000
3	150.000	800.000

## PROPOSED ACTIVITIES

- Develop a workshop with the focal points, describing the step-by-step incorporated in the document for updating the statistical and geographic levels of the MEGA version 2024, to promote the active participation of the region's countries.  
*(November-December 2024).*
- Form a new volunteer task team with the support of the Executive committee to define the thresholds and specific definitions for the conformation of the new levels.*(November-December 2024).*
- Develop a document describing the procedure and develop a workshop for the countries of the region to carry out the process of conformation of the new geostatistical levels of the MEGA.  
*(First semester of 2025)*

COUNTRIES ROUND 2020 CENSUS	
Country name	Census year
Antigua y Barbuda	2024
Argentina	2022
Bahamas	2022
Barbados	2021
Belize	2022
Bolivia	2024
Brazil	2022
Canada	2021
Chile	2024
Colombia	2018
Costa Rica	2022
Cuba	2012
Dominica	2021
Ecuador	2022
El Salvador	2024
United States of America	2020
Granada	2021
Guatemala	2018
Guyana	2022
Haiti	2003
Honduras	2023-2025
Jamaica	2022
Mexico	2020
Nicaragua	2024
Panama	2023
Paraguay	2022
Perú	2017
Dominican Republic	2022
St. Kitts and Nevis	2021
St. Lucia	2022
St. Maarten	2022
St. Vincent and the Grenadines	2023
Suriname	2024
Trinidad & Tobago	2011
Uruguay	2023
Venezuela	2023



# THANK YOU!



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