

Latin America Geospatial Forum
Second Session UN-GGIM: Americas
November 11 – 12, 2015, Mexico City

Report of the UN-GGIM: Americas Working Group on Integration of Statistical and Geospatial Information

BACKGROUND

- Originally, the Working Group on “Data Collection and Geospatial Data Management” was established during the 10th UNRCCA .
- Initial Objectives:
 - Foster the integration and use of geospatial information.
 - Promote the adoption of strategies of geospatial data production with quality.
 - Impulse the adoption of good practices for the integration of statistical and geospatial information.

NEW DENOMINATION

- In order to support the harmonization between UN-GGIM: Americas and global UN-GGIM, a new name was proposed and approved:

Integration of Statistical and Geospatial Information



UPGRADED OBJECTIVES

Main goal:

- To ***promote*** and ***encourage*** the production of geographic and statistical information, as well as the identification, development and implementation of strategies for the ***integration*** and use, based on the strengthening of partnerships of ***collaboration***, cooperation and participation of the Member countries.

Objectives:

1. To promote the integration of Statistical and Geospatial Information.
2. To promote the use of geospatial data and information in the decision-making processes and public policy formulation.

WORKING GROUP MEMBERS (1)



Antigua and Barbuda



Argentina



Brazil



Colombia (Coordinator)



Chile



El Salvador



Grenada



Haiti



Jamaica



Cuba



Panama



Dominican Republic



St. Maarten



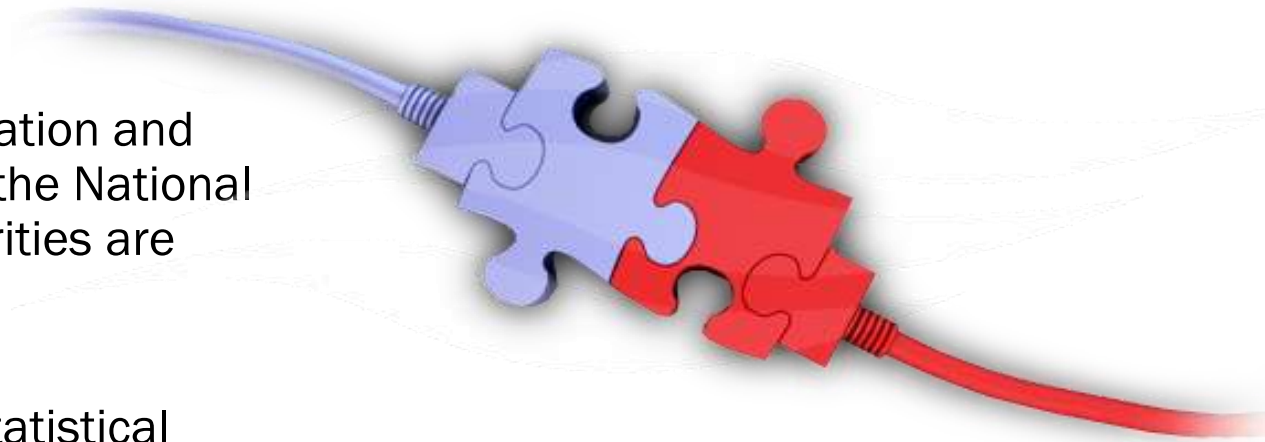
Ecuador



Suriname

WORKING GROUP MEMBERS (2)

- Invitation was sent to the National Statistics Offices in order to be part of the Working Group.
- Closer communication and cooperation with the National Geospatial Authorities are desired.
- Geospatial and Statistical information integration is critical to decision support at all levels and all sectors.



WORKING GROUP FIRST MEETING (1)

- Held online July 16, 2015:
- Attended by Argentina, Ecuador, Jamaica, Dominican Republic, Mexico and, Colombia.
- Objectives of the WG were presented.
- The coordination showed the results of the “Second Meeting of the Expert Group on the Integration of Statistical and Geospatial Information, 24 May 2015, Lisbon, Portugal”.



WORKING GROUP FIRST MEETING (2)

- Attendants discussed on the three sources for the development of the global statistical-geospatial framework: Australia Bureau of Statistics, INEGI and UNECE-GSBPM.
- A first draft of a common glossary of statistical and geospatial terms was shared.



GLOSSARY (1)

- A first version of an integrated glossary of statistical and geospatial terms was prepared and submitted to the WG members for revision.
- The “*Proposal for a common statistical-geospatial terminology database*”, version 0.1, by Ekkerhard Petri, was translated to Spanish and shared to the WG Members.



GLOSSARY (2)



ISO/TC 211
Geographic information/Geomatics

- The ISO/TC 211 Multi-Lingual Glossary of terms was released. Link was shared with the WG Members.
- Contact was made with Mr. E. Petri (UNECE) in order to work jointly in the development of the common statistical-geospatial terminology database.



OBJECTIVE 1: MEGA

To build a Statistical and Geospatial Framework for the Americas and the Caribbean (-MEGA- for its acronym in Spanish: *Marco Estadístico Geoespacial para las Américas y el Caribe*)

- Based on collaborative work and a common building process.
- Articulated with the advances of Global UN-GGIM, and, why not, to become a reference point for those advances.

FIRST VERSION OF MEGA (1)

Conditions for the spatial reference:

- To use SIRGAS as the reference system for the official information and products generated by the NSO's at UN-GGIM: Americas.
- UN General Assembly Resolution on GGRF was adopted on February 26, 2015.
- SIRGAS is under the umbrella of UN-GGIM Working Group on Global Geodetic Reference Frame (GGRF) for sustainable development.
- Geographic coordinates (latitude and longitude).



FIRST VERSION OF MEGA (3)

Statistical information:

- An initial, basic and common set of data.
- To be updated and maintained under a long term approach, on an **annual basis**, starting February 2016.
- Initially proposed data set includes total municipal **population, by gender, and housing.**



FIRST VERSION OF MEGA (4)

Data Dissemination:

- It is proposed to use Keyhole Markup Language (KML) as standard file format for data sharing.
- Basic protocols to be defined during this session:
 - Service provider(s)
 - User oriented
 - Technical platform



MEGA

- Which will be the next geographical level.
 - Articulate MEGA 2.0 with the outcome generated by ABS?
- Which additional socioeconomic variables should be included into MEGA 2.0:



OBJECTIVE 2: SPATIALLY ENABLED GOVERNMENTS (1)



- To promote the use of geospatial data and information in the decision-making processes and public policy formulation.
- To elaborate a diagnosis on the use of spatial dimension in the formulation and implementation of public policy.
- To determine the Work Plan for the Pilot Project that includes the spatial dimension into the diagnosed public policy.



OBJECTIVE 2: SPATIALLY ENABLED GOVERNMENTS (2)

1. To get use with Spatial Enabled Governments concept or better, Spatial Enabled States.



2. To establish a partnership with an institution (s) in charge of public policy.

OBJECTIVE 2: SPATIALLY ENABLED GOVERNMENTS (3)



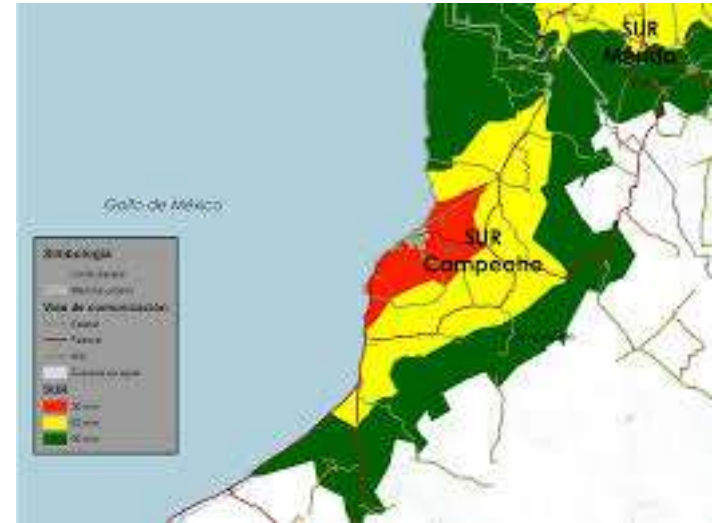
3. To find out the main objectives of the public policy (National, regional or local development plans)

4. Be comprehensive with the structural problems and find out the geographic key in order to understand the relationship between society and territory.



OBJECTIVE 2: SPATIALLY ENABLED GOVERNMENTS (4)

5. Territorial analysis (spatial modeling)



6. Design new policy scenarios
7. Comparative evaluation
8. Guidelines

UNGGIM RELATED ACTIVITIES (1)

- **Expert Group on the Integration of Statistical and Geospatial Information:**
 - Participation in the Second Meeting, 24 May 2015, Lisbon, Portugal.



UNGGIM RELATED ACTIVITIES (2)

- UN Committee of Experts on Global Geospatial Information Management:
 - Participation in the Fifth Session of UN-GGIM, 3-7 August 2015 UN Headquarters New York. (Working Group report)



UNGGIM RELATED ACTIVITIES (3)

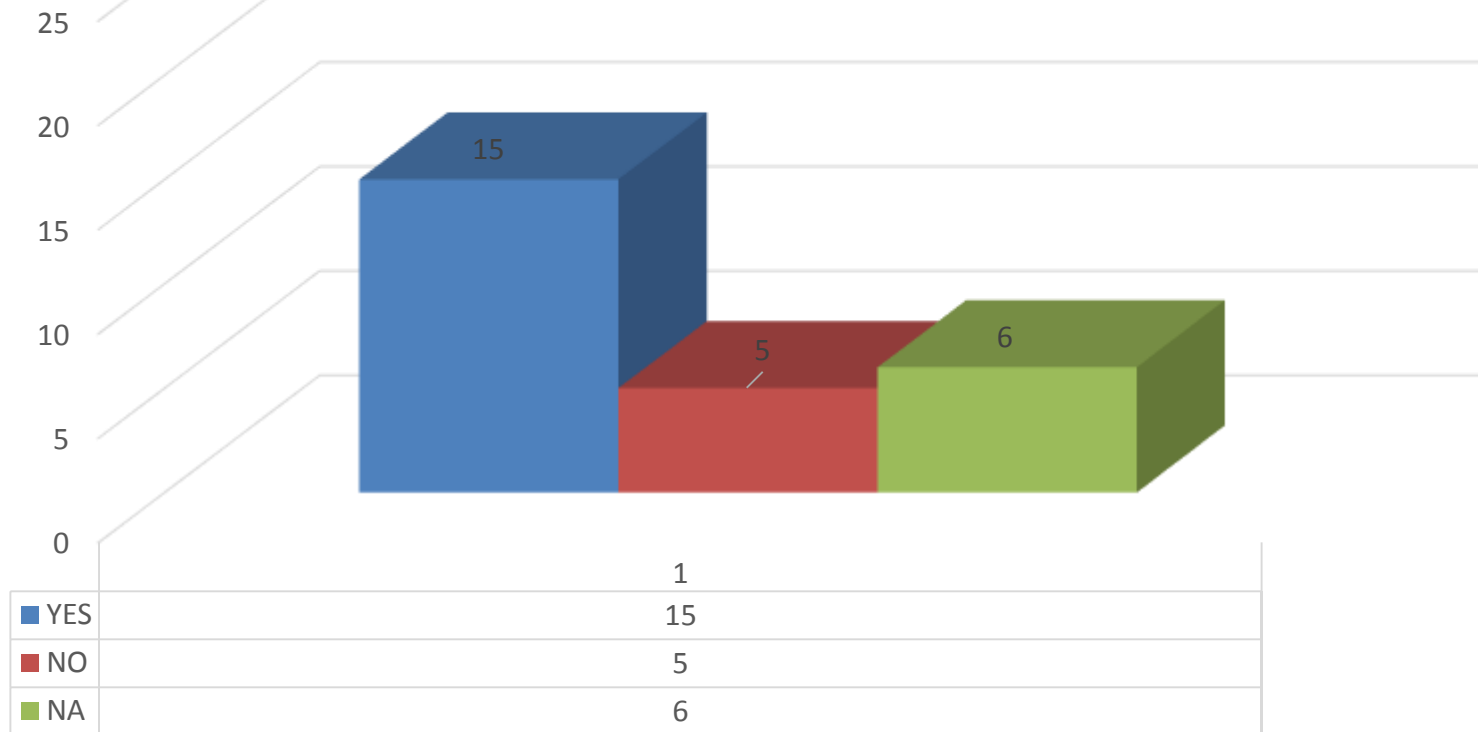
- **Big Data UN Global Working Group: Task Team on Satellite Imagery and Geo-spatial Data:**
 - Participation in the Second Global Conference on Big Data for Official Statistics, 20 - 22 October 2015, Abu Dhabi, (Pilot Project on use of satellite on land use statistics).



WORKING GROUP SURVEY (1)

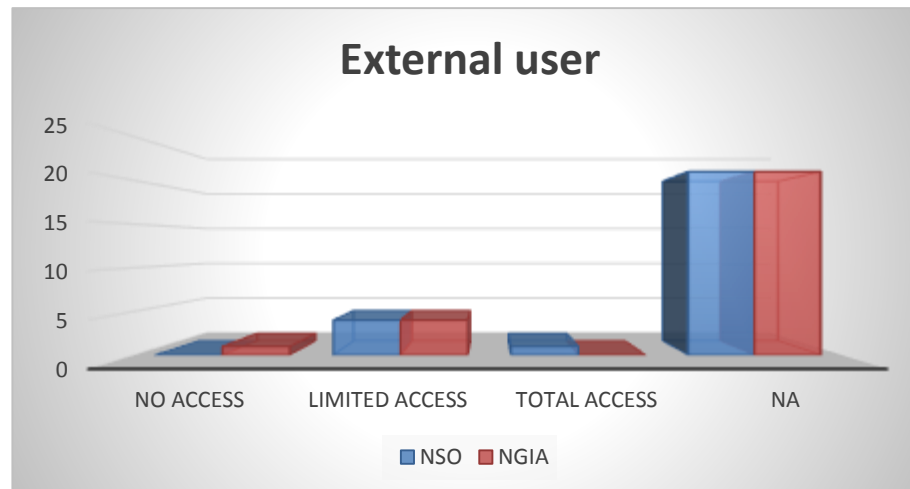
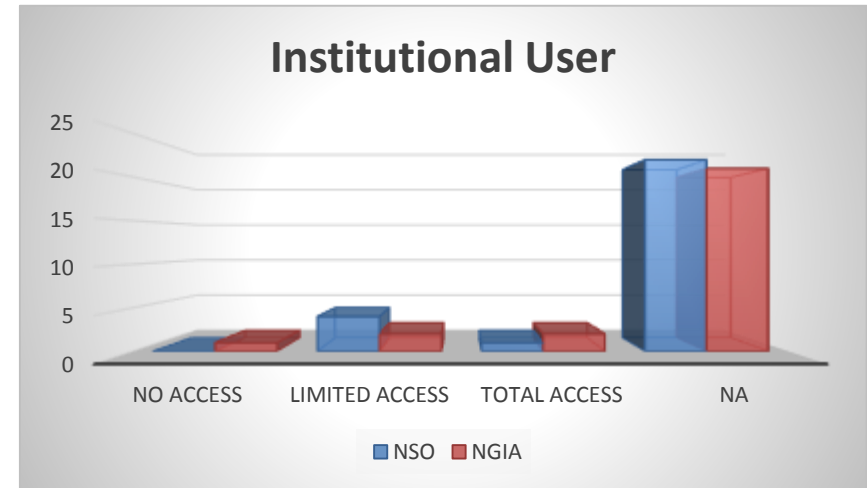
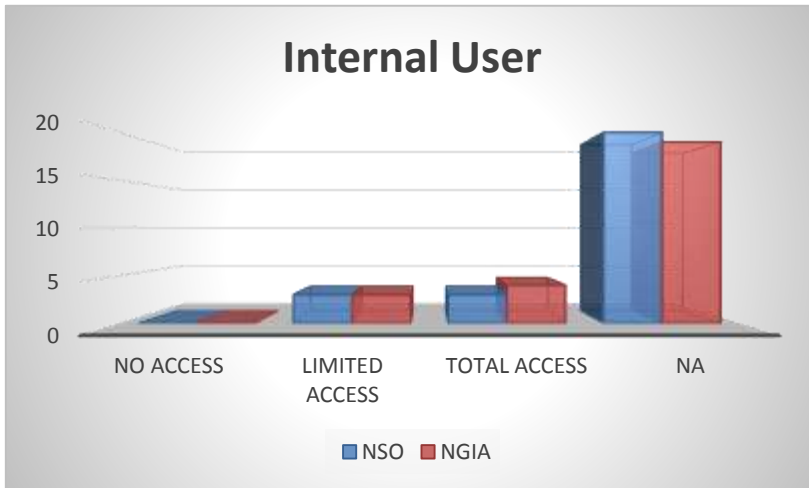
INTEGRATION OF STATISTICAL AND GEOSPATIAL INFORMATION

Do the National Geospatial Information Authority (NGIA) and the National Statistics Office (NSO) apply geocoding to the minimum units of statistical observation?



WORKING GROUP SURVEY

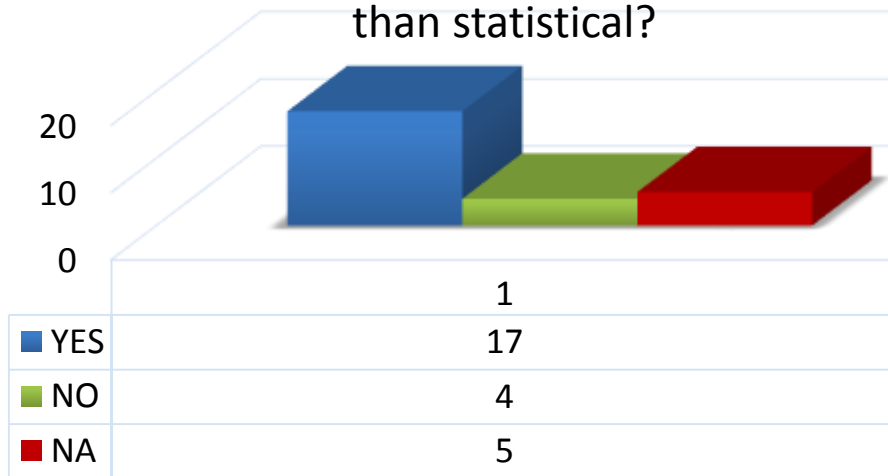
ACCESS TO INFORMATION



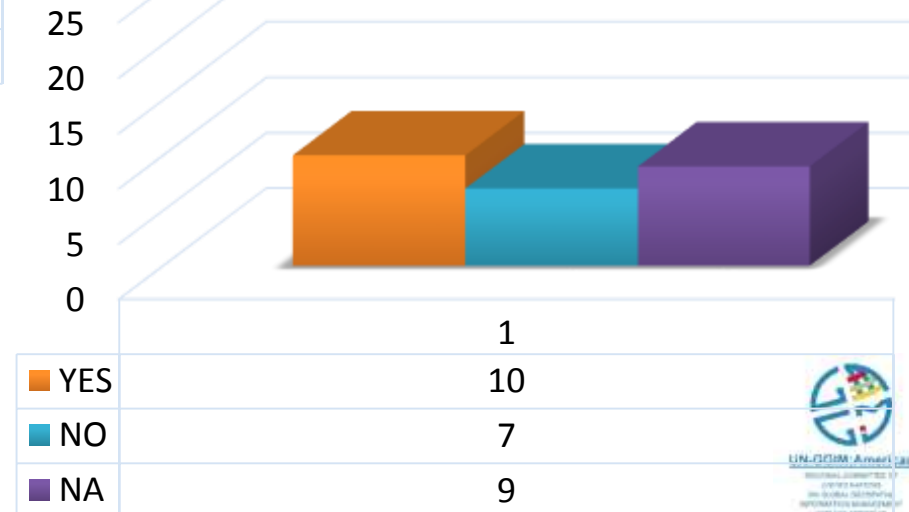
WORKING GROUP SURVEY (3)

PRIVACY AND CONFIDENTIALITY OF INFORMATION

Does the legislation in your country specify that data are confidential and prohibits their use for any purpose other than statistical?



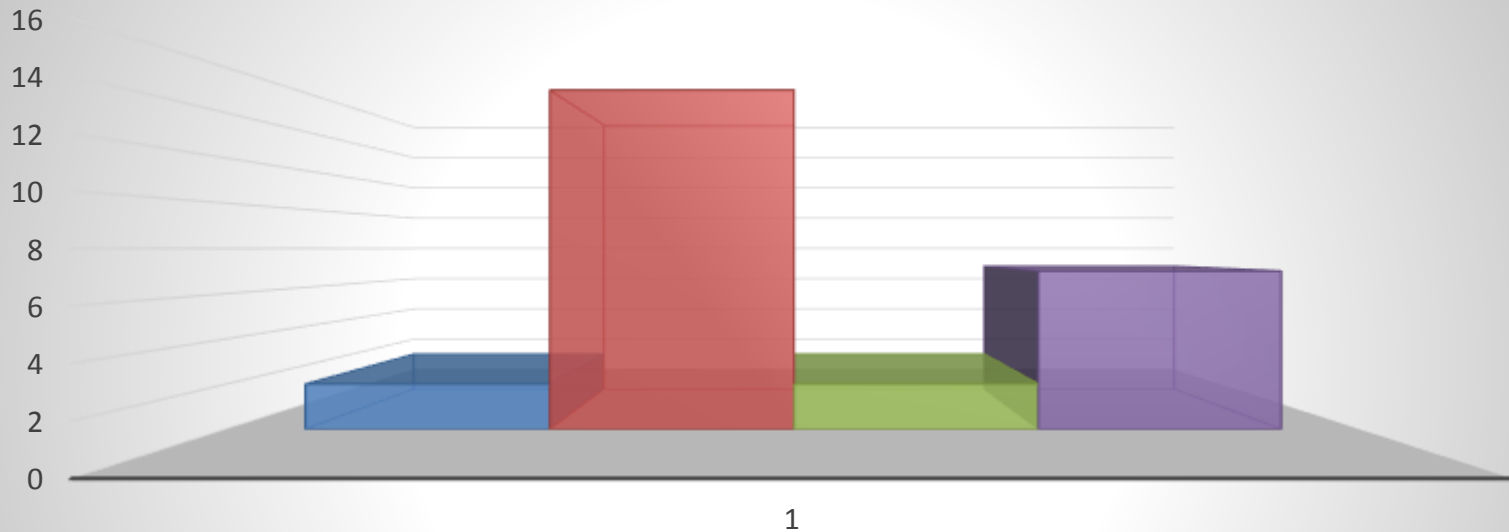
Do the legislation of your country establish geographic data confidentiality



WORKING GROUP SURVEY (4)

INSTITUTIONAL ARRANGEMENTS

Degree of relation between the NGIA and the NSO



■ Fully Integrated	1
■ Separated but closely linked	2
■ Separated	15
■ NA	2
	7

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