Progress in the implementation of national Geospatial Data Infrastructure in the Americas

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2017-2021 Working Groups
UN-GGIM: Americas

1. Integration of Statistical & Geospatial Information
2. Disasters
3. Geospatial Data Infrastructure in the Region

Work Lines

- Academic Network Americas
- Geodetic Reference Framework
- Joint Action Plan
- Private Sector Network in the Americas
- Regional Cooperation and Collaboration
GENERAL CONTEXT AND BASIS

It is possible to understand a Geospatial Data Infrastructure (SDI) as a collection of technologies, policies and institutional arrangements that facilitate the availability and access to spatial or geographic information (GI).

Regional advances in this area are disparate, and largely respond to initiatives that address the particular reality, giving answers to situations of natural risks, cadastral surveys or others, being a mission for UN-GGIM Americas, to contribute in the definition of regional policies that are linked to the Global Framework.
INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK A STRATEGIC GUIDE TO DEVELOP AND STRENGTHEN NATIONAL GEOSPATIAL INFORMATION MANAGEMENT

Anchored by nine Strategic Pathways, the Framework is a mechanism for articulating and demonstrating national leadership in geospatial information, and the capacity to take positive steps.
OBJECTIVE OF THE WORKING GROUP

GENERAL

To Coordinate the actions related to the implementation, development and promotion of the Geospatial Data Infrastructures (SDIs) of the Member States of UN-GGIM Americas.

SPECIFIC

A. To Diagnose the current status (2018) of the National Geospatial Data Infrastructures in the region, considering the components of the SDIs.

B. To Design evaluation and monitoring tool regarding the state of progress of the National SDIs of the region.

C. To Spread initiatives and good regional practices in the field of IDES, generating a basic guideline document regarding the operation of SDIs.

D. To Promote and carry out training and improvement instances in the region regarding different components of the SDIs.
Who will answer the survey?

Representative of each country in the regional committee.

*For example the professional in charge of the SDI

what do we want to know?

State of the components of the SDI

Design an indicator

how will we show the results

Dynamic Dashboard.
Structure of the survey

- Instrument design
- Applied during the months of May to June 2018.
- 35 countries responded.
Examples
How many digital data is available for viewing on the platform of the Geospatial Data Infrastructure in your country?

32 total

1. SDI general indicator
2. indicators by component

Structure of the survey Components

SDI

- LEGAL AND POLICY/GOVERNANCE/INSTITUTIONS: 13
- HUMAN RESOURCES: 3
- TECHNOLOGY: 5
- INFORMATION/NORMS AND STANDARDS: 11

32 total
Final thoughts

➢ Regional challenge in both the application of an indicator.

➢ Use of technology to visualize the information and status of each of the countries.

➢ Do not generate a comparative ranking, but improve and learn from the particular situations of each country.

➢ As a region this information will allow us to visualize through the information platforms how we are advancing and where we should focus programs, financing and improvements.
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