



**UN-GGIM:Americas**

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

# UN-GGIM:Americas Regional Report 2015-2016

Third Session of UN-GGIM:Americas  
October 2016, Mexico City.

Rolando Ocampo  
President of UN-GGIM:Americas



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United Nations Committee of Experts on  
Global Geospatial Information Management

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# Content

Activities, Areas of Work and Achievements

Partnerships and Regional and International Collaboration

Priority Issues and Challenges

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Conclusions



# 38 Member States



Antigua and Barbuda



Argentina



Bahamas



Barbados



Belize



Bolivia



Brazil



Canada



Chile



Colombia



Costa Rica



Cuba



Dominique



Dominican Republic



Ecuador



El Salvador



Grenada



Guadeloupe



Guatemala



Guyana



Haïti



Honduras



Jamaica



Martinique



Mexico



Nicaragua



Panama



Paraguay



Perú



St. Maarten



St. Lucia



St. Vincent and the Grenadines



St Kitts and Nevis



Suriname



Trinidad and Tobago



United States of America



Uruguay



Venezuela





St. Maarten

Access and use of GI in Disaster Risk Reduction and Climate Change

Promotion and Evaluation of SDI



Chile

**UN-GGIM:Americas Working Groups**

Integration of Statistical and Geospatial Information



Colombia

Regional Coordination and Cooperation



México

Standards and Technical Specifications



México



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# Second Session of UN-GGIM:Americas

November 11-12, 2015. Mexico City  
Latin America Geospatial Forum

77 participants

32 Member States

Cartography course for Caribbean Countries

Keynote Presentation by the Executive Secretary of ECLAC

Regional Organizations: UNSD, ECLAC, ACS, URISA Caribbean Chapter, CDEMA, PAIGH, GeoSUR, SIRGAS, UWI, OGC.

The formal UN Regional Cartographic Conference format is no longer a necessary requirement.

Sint Maarten took over as coordinator of the WG on Access and Use of Geospatial Information in Disaster Risk Reduction and Climate Change

Costa Rica took over as Vocal for Central America



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# Second Session of UN-GGIM:Americas

Noviembre 11-12, 2015. Mexico City  
Latin America Geospatial Forum



# Integration of Geospatial and Statistical information

- The principal aim is to integrate the Statistical and Geospatial Communities, both nationally and regionally.
- UN-GGIM:Americas, through its WG on this matter, has been working on the Statistical and Geospatial Framework for the Americas (MEGA), aligned with the proposal for a Global Statistical Geospatial Framework (GSGF).
- MEGA has been shared with the Statistics Conference for the Americas of the Economic Commission for Latin America and the Caribbean (SCA-ECLAC), to explore future collaboration through this project.
- Active participation at the Expert Group on the Integration of Statistical and Geospatial Information (EG-ISGI) in particular in the GSGF process.
- **“The integration of geospatial information and statistical data will be particularly important for the production of a number of indicators”- The Sustainable Development Goals Report 2016**



# 2030 Agenda for Sustainable Development



- ✓ UN-GGIM:Americas jointly with GEO, the Permanent Mission of Mexico and the Permanent Mission of Denmark, organized a side event during the 47th Session of the United Nations Statistical Commission (UNSC) titled: “Geospatial Information and Earth Observations: Supporting Official Statistics in Monitoring the SDGs”.
- ✓ The aim is to establish this event as a regular integration forum during the yearly session of the UNSC.
- ✓ Mexico serves as co-chair of the Geospatial Information Working Group (GIWG) of the Inter-Agency and Expert Group on the Sustainable Development Goal Indicators (IAEG-SDG), with the participation of Colombia, Brazil, Mexico and Jamaica and the USA as representative of UN-GGIM:Americas





# Activities, Areas of Work and Achievements

## Legal and Policy

<http://www.un-ggim-americas.org/>

The website hitherto ran by the National System of Territorial Information (SNIT), from Chile, underwent a migration process, and is now administered by INEGI, Mexico.



The screenshot shows the homepage of the UN-GGIM Americas website. At the top, there is a navigation bar with the date 'Miércoles, 20 Julio 2016', a 'Mapa del Sitio' link, a 'Calendario' link, a 'Contacto' link, and a search bar. The main header features the UN-GGIM Americas logo and the text 'COMITÉ REGIONAL DE LOS ESTADOS UNIDOS SOBRE LA GESTIÓN GLOBAL DE INFORMACIÓN GEOESPACIAL PARA LAS AMÉRICAS'. Below the header is a navigation menu with 'Inicio', 'UN-GGIM Américas', 'Noticias', 'Enlaces IDE', and 'Reuniones'. The main content area is divided into several sections: 'Banco de Normas' (Norma Bank) with links to 'Observatorio de Capacitación', 'Observatorio IDE', and 'Áreas de Trabajo'; a central graphic of interlocking puzzle pieces with the text 'Entrar'; 'Grupos de trabajo' (Working Groups) with a list of topics including 'Normas y especificaciones técnicas', 'Grupo de Trabajo sobre Integración de la Información Estadística y Geoespacial', 'Acceso y uso de información geoespacial en riesgos y cambio climático', 'Coordinación y cooperación regional', and 'Promoción y evaluación de IDE'; 'Inicio' (Home) with a featured article 'Réplica del taller sobre Cartografía y Metadatos en Antigua y Barbuda'; 'Próximas actividades' (Upcoming activities) with 'Sin eventos'; and 'Documentos destacados' (Highlighted documents) with a 'PDF' icon and a list of reports including 'Informe conferencia UNHCCGA IC 10', 'Regional Report UN-GGIM Americas 2013-2014', and 'Regional Report UN-GGIM Americas 2013-2014 - Presentación'.



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# Activities, Areas of Work and Achievements

## Administrative Arrangements

- ✓ PAIGH support- \$ 8,000 USD for 2016. Used for the Joint Meeting SCA-ECLAC - UN-GGIM:Americas and the Third Session.
- ✓ Ministry of Foreign Affairs of Mexico, in 2016 the project activities were aimed at strengthening the Geodetic Network and Building Capacity, with an investment of \$1.04 million USD.
- ✓ Chile-Mexico Joint Development Cooperation Fund, the project activities aimed at Building Capacity, added an investment of \$50,000 USD
- ✓ UN-GGIM: Americas session will be held during the Latin America Geospatial Forum 2016 in Mexico City in October, financing the attendance of 20 Member States.



# Activities, Areas of Work and Achievements

## Capacity Development

### 5 Courses and International Forum on Disaster Risk Reduction



## Activities, Areas of Work and Achievements

### Technical

#### Thematic diagnosis for the Americas

The coordinators of the working groups prepared a final report on the diagnosis made to the countries, which was responded by 29 Member States from the Americas. To be presented at the 3rd Session.

Integration of Statistical and Geographical Information

Access and Use of Geospatial Information Risk Reduction and Climate Change.

Standards and Technical Specifications.

Promotion and Assessment of Spatial Data Infrastructure.

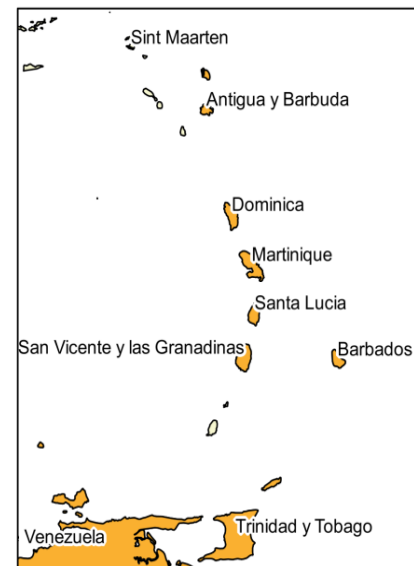


# Response to the questionnaire: 76%



UN-GGIM:Américas

COMITÉ REGIONAL DE LAS  
NACIONES UNIDAS SOBRE  
LA GESTIÓN GLOBAL  
DE INFORMACIÓN GEOESPACIAL  
PARA LAS AMÉRICAS



- Antigua y Barbuda
- Argentina
- Bahamas
- Barbados
- Belice
- Brasil
- Canadá
- Colombia
- Costa Rica
- Cuba
- Chile
- Dominica
- Ecuador
- Estados Unidos
- Guatemala

- Jamaica
- Martinique
- México
- Nicaragua
- Panamá
- Paraguay
- Perú
- República Bolivariana de Venezuela
- San Vicente y las Granadinas
- Sint Maarten
- Santa Lucía
- Surinam
- Trinidad y Tobago
- Uruguay

## Technical

### Caribbean Project- Strengthening the Geodetic Network

43 GNSS receivers and 16 GNSS Stations were acquired and installed

**43 GNSS receivers**



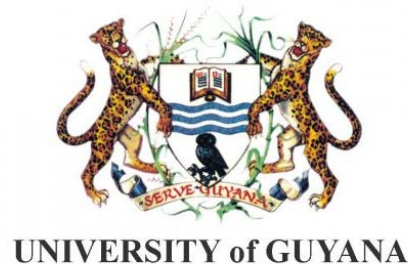
**16 GNSS Stations**



# Partnerships and Regional and International Collaboration.

## Caribbean Project Technical Advisory Committee

On May 2016, The Institute of Geography of the National Autonomous University of Mexico (IG-UNAM) was incorporated.



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## South- South Cooperation for the Caribbean benefit





# Partnerships and Regional and International Collaboration.

## Join Action Plan 2016-2020

- Signed under the frame of the 6<sup>th</sup> UN-GGIM Session.
- To strengthen, harmonize and accelerate the SDI development in the Americas



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DE INFORMACIÓN GEOESPACIAL  
PARA LAS AMÉRICAS



Instituto Panamericano de Geografía e Historia (IPGH)  
Sistema de Referencia Geocéntrico para las Américas (SIRGAS)  
Comité Regional de las Naciones Unidas sobre la Gestión Global  
de Información Geoespacial para las Américas (UN-GGIM: Américas)  
Red Geoespacial de América Latina y el Caribe CAF/IPGH-GeoSUR

**PLAN DE ACCIÓN CONJUNTO 2016-2020  
PARA ACELERAR EL DESARROLLO DE LA  
INFRAESTRUCTURA DE DATOS ESPACIALES  
DE LAS AMÉRICAS**

Rodrigo Barriga Vargas, Secretario General IPGH  
William Martínez Díaz, Presidente SIRGAS  
Rolando Ocampo Alcántar, Presidente UN-GGIM: Américas  
Santiago Borrero Mutis, Coordinador Regional GeoSUR



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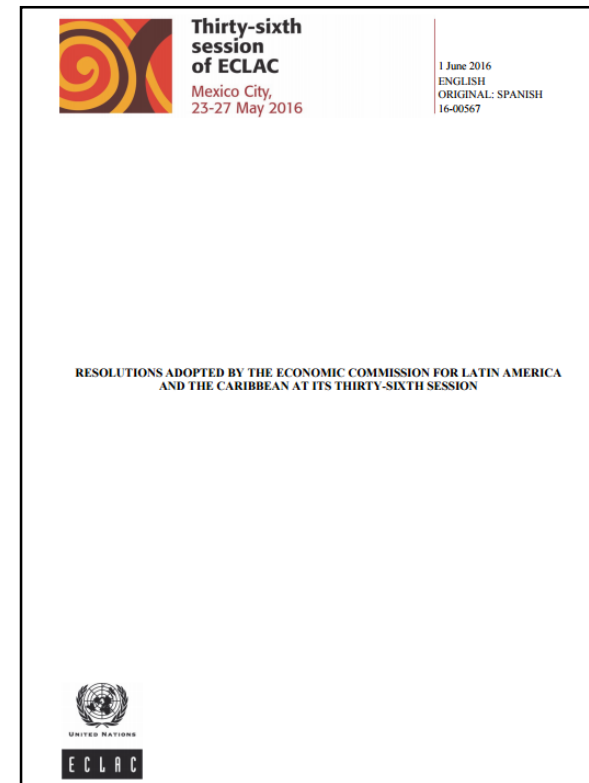
# Partnerships and Regional and International Collaboration.

## 36<sup>th</sup> session of ECLAC, in Mexico City, May 2016.

Resolution 712:

### Regional Integration of Statistical and Geospatial Information:

- ✓ Recommends the establishment of a forum for substantive dialogue between the Statistical Conference of the Americas of ECLAC and UN-GGIM:Americas.
- ✓ Recognizes that the immediate overarching goal of the regional agenda on geostatistical integration is its use in the measurement, monitoring and achievement of the Sustainable Development Goals, and in conducting and analyzing the 2020 round of censuses.
- ✓ Recommends the exploration of joint mechanisms for projects such as the Integrated Map of the Americas, containing statistical information on population; and an atlas of information on gender-related matters for the Americas



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## Partnerships and Regional and International Collaboration.

### First joint meeting between the Executive Committees of the SCA-ECLAC and UN-GGIM:Americas.

June 17 in Santiago, Chile

First approach to explore future collaboration in projects such as the Integrated Map for the Americas with Statistical information (MEGA) and the Regional Gender Atlas, which will serve as an exercise of technical and institutional integration of communities at national and regional level.



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## Priority Issues and Challenges

- ✓ Continue the integration of the Caribbean Region, through the participation in global and regional UN-GGIM meetings; the continuity and sustainability of the Caribbean Project, ensuring that the acquired infrastructure and capacity built will be sustainable in time for the 19 countries involved.
- ✓ To encourage the active participation of member countries in Working Groups and activities related.
- ✓ The continuity of commitment of representatives, despite internal institutional changes within Member States.
- ✓ Political and the financial support for Committee and Working Groups meetings.



# 2016-2017

- The 6<sup>th</sup> course of the Caribbean project, will be a Workshop on the Use of the donated Geodetic Equipment. Will be held at the University of West Indies in St Augustine, Trinidad & Tobago, from August 15 to the 19.
- UN-GGIM International Forum on Geospatial Information and Services for Disasters will be held on September 4-5, 2016, under the frame of the URISA Caribbean 2016 GIS Conference, in Bridgetown, Barbados.
- On October 5th and 6th, the third session of UN-GGIM:Americas will be held in Mexico City.
- The Caribbean Project work program includes the purchase of computer equipment for the creation of the geomatics solution for the Caribbean, which will contribute to the interoperability and availability of geospatial data from/to the region.
- The Regional Committee Working Groups coordinators will analyze and use the final results of the joint diagnosis, and outline the committee's future actions, giving priority to reducing the gaps between countries



## Conclusions



- ✓ UN-GGIM:Americas has successfully worked to address relevant regional issues on geospatial information management, and taken the necessary action to maximize the economic, social and environmental benefits derived from the use of geospatial information.
- ✓ Geospatial Information built on the knowledge and exchange of experiences and technologies from different countries, based on common standards, allows the establishment of the regional Geospatial Data Infrastructure.
- ✓ Some breakthroughs and foundational tasks, such as the incorporation of the Caribbean Region and the strengthening of their SDI; the integration of Statistical and Geospatial Information; and the International and Regional Cooperation, have been key to the consolidation of UN-GGIM:Americas.
- ✓ UN-GGIM:Americas, in the last three years has become the regional linkage between the national decision makers on geospatial information management and the Committee of Experts of UN-GGIM.





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