



The participation of SIRGAS: the Americas and the Caribbean, in UN-GGIM GGRF

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On behalf of SIRGAS

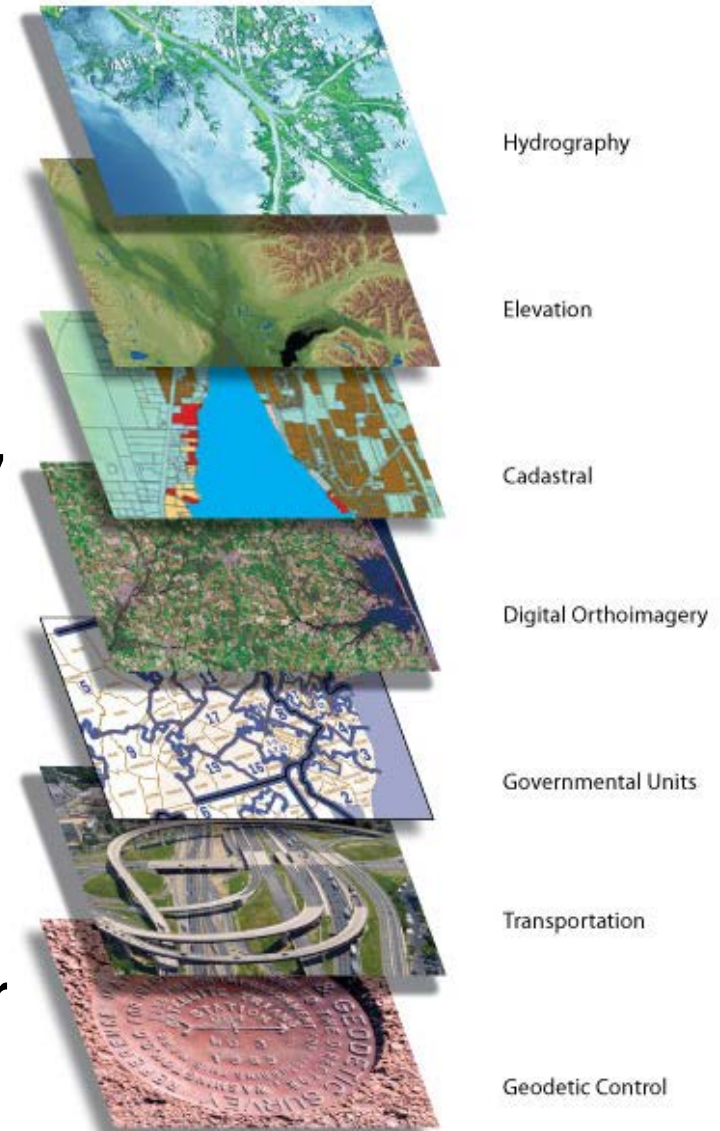
Fifth Session of the United Nations Committee of Experts on Global Geospatial Information Management, New York, August 3 - 2015

- SIRGAS Background
- The Draft Resolution
- The UN Resolution
- SIRGAS Resolution on GGRF
- 2015 Questionnaire

SIRGAS ...

- Is the backbone for all projects based on the generation and use of geo-referenced data
- Provides the reference coordinates for the development of practical applications: engineering projects, digital administration of geographical data, spatial data infrastructures, etc.
- Is the platform for a wide range of scientific applications: monitoring of the global change
- **But, mainly, the SIRGAS is a strong, friendly and rigorous cooperation network that operates across the Americas and provides the spatial reference for everyone**


Framework Themes



- ⊕ SIRGAS participated in the Global geodetic survey: UN – IAG (GGOS).
- ⊕ The most of the Members recognized the economical importance of GGRF for decision-making processes.
- ⊕ Draft UN Resolution on GGRF was discussed and comments were sent to GGRF WG.
- ⊕ The tasks, commitments and news of GGRF are disseminated to the SIRGAS member countries.



United Nations A/RES/69/266

 **General Assembly** Distr.: General
11 March 2015

Sixty-ninth session
Agenda item 9

Resolution adopted by the General Assembly on 26 February 2015
[without reference to a Main Committee (A/69/L.53 and Add.1)]

69/266. A global geodetic reference frame for sustainable development

The General Assembly,

Reaffirming the purposes and principles of the Charter of the United Nations;

Reaffirming also its resolution 54/68 of 12 December 1999, in which it endorsed the resolution entitled “The space millennium Vision Declaration on Space and Human Development”, which includes, inter alia, key actions to improve the efficiency and security of transport, search and rescue, geodesy and other activities by promoting the enhancement of, universal access to and compatibility of space-based navigation and positioning systems, including Global Navigation Satellite systems;


Reaffirming further its resolution 57/253 of 20 December 2002, in which it endorsed the Plan of Implementation of the World Summit on Sustainable Development (Johannesburg Plan of Implementation),² and means of implementation, which included, inter alia, strengthening cooperation and coordination among global observing systems and research programmes for integrated global observations, taking into account the need for building capacity and sharing of data from ground-based observations, satellite remote sensing and other sources among all countries;


Reaffirming its resolution 66/288 of 27 July 2012, in which it endorsed the outcome document of the United Nations Conference on Sustainable Development, entitled “The future we want”, in which Heads of State and Government recognized the importance of space-technology-based data, in situ monitoring and reliable geospatial information for sustainable development policymaking, programming and project operations;

Noting Economic and Social Council resolution 2011/24 of 27 July 2011, by which the Council established the Committee of Experts on Global Geospatial Information Management, encouraged Member States to hold regular high-level,

¹ Adopted by the Third United Nations Conference on the Exploration and Peaceful Uses of Outer Space (UNISPACE III), held in Vienna from 19 to 30 July 1999 (A/CONF.184/6, chap. I, resolution 1).
² Report of the World Summit on Sustainable Development, Johannesburg, South Africa, 26 August–4 September 2002 (United Nations publication, Sales No. E.03.II.A.1 and corrigendum, chap. I, resolution 2, annex).

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⊕ In order to ensure and encourage the support of the region to the final Resolution, SIRGAS elaborated an instruction sheet that was sent to the national delegates.

⊕ For the Americas and the Caribbean, the signatory countries are:

⊕ Argentina

⊕ Brazil

⊕ Canada

⊕ Jamaica

⊕ Mexico

⊕ United States of America

MEXICO:

“Mexico welcomes the first UN Resolution on a Global Geodetic Reference Frame (GGRF), key in monitoring earth dynamics.

For a dynamic territory like Mexico, an accurate GGRF is key in monitoring seismic activity, disasters, sea level and population changes,” says Dr. Eduardo Sojo, co-chair UN-GGIM.

BRAZIL

“Brazil welcomes the UN resolution on a Global Geodetic Reference Frame, as it supports composing the very basic layer of any Spatial Data Infrastructure. Geodesy most of the time being not visible to citizens, plays an important and crucial role in the country infrastructure,” says Dr. Luiz Paulo Fortes at IBGE, Brazil.



Ambassador Peter Thomson, Fiji's permanent representative to the United Nations, presents to the General Assembly the resolution titled, “A global geodetic reference frame for sustainable development.” –

<http://www.xyht.com/surveying/a-global-geodetic-roadmap/>

- ⊕ To promote the dissemination and adoption of the GGRF Resolution.
- ⊕ To strength the SIRGAS activities under the umbrella of Un-GGIM and GGRF-WG.
- ⊕ To keep and improve the national geodetic frameworks.
- ⊕ To promote the social knowledge on the importance of geodetic reference frames



Resolución SIRGAS 2014 No. 1 del 26 de noviembre de 2014

Sobre el Marco de Referencia Geodésico Global (GGRF) de la Iniciativa de las Naciones Unidas para la Gestión Global de la Información Geoespacial (UN-GGIM)

Considerando:

1. La importancia que tiene un marco de referencia global unificado y preciso para el estudio y comprensión de los fenómenos que se suceden dentro del Sistema Tierra, para el desarrollo sostenible y la toma de decisiones, para la prevención y atención de emergencias, y para la determinación de coordenadas y la observación de la Tierra utilizando técnicas satelitales;
2. La necesidad de fortalecer en los países miembros de SIRGAS los arreglos institucionales, legales y de política para facilitar el intercambio de datos geodésicos abiertos;
3. La contribución de la Geodesia, sus ciencias relacionadas, sus aplicaciones y sus organizaciones a la construcción de sociedades económicamente más fuertes y especialmente capacitadas;

Se resuelve:

1. Promover entre los países miembros de SIRGAS la divulgación y adopción final de la Resolución de las Naciones Unidas sobre el GGRF;
2. Fortalecer las actividades de SIRGAS bajo la sombrilla y los mandatos de UN-GGIM y el Grupo de Trabajo GGRF;
3. Invitar a los países miembros de SIRGAS a mantener y mejorar los marcos de referencia nacionales como densificaciones del marco de referencia continental SIRGAS a fin de proporcionar un respaldo efectivo, coordinado y consistente al GGRF;
4. Promover el conocimiento social sobre la importancia de los marcos de referencia geodésicos en los ámbitos nacional, regional y global.

- ⊕ SIRGAS countries completed the global questionnaire sent to Member States for the purpose of gathering opinions on the key elements of the global geodetic reference frame and its sustainability.
- ⊕ North America (2); South America (7); Caribbean (8)
- ⊕ Based on the results of this survey GGRF is defining its roadmap and SIRGAS will be part of it.

Thank you, very much