



International Federation of Surveyors
Fédération Internationale des Géomètres
International Vereinigung der Vermessungsingenieure
Americas Capacity Development Network



Capacity Development in the Americas

Special Focus: Caribbean SIDS Capacity Development

CARIGEO Side Event #1

Conference Room Raúl Prebisch,
ECLAC Headquarters

Tuesday 17 October, 02:00 - 04:00 PM

Dr. Daniel R. Roman,
Chair



Fédération Internationale des Géomètres



In English

International Federation of Surveyors

In German

Internationale Vereinigung der Vermessungsingenieure

In Spanish

Federación Internacional de Topógrafos





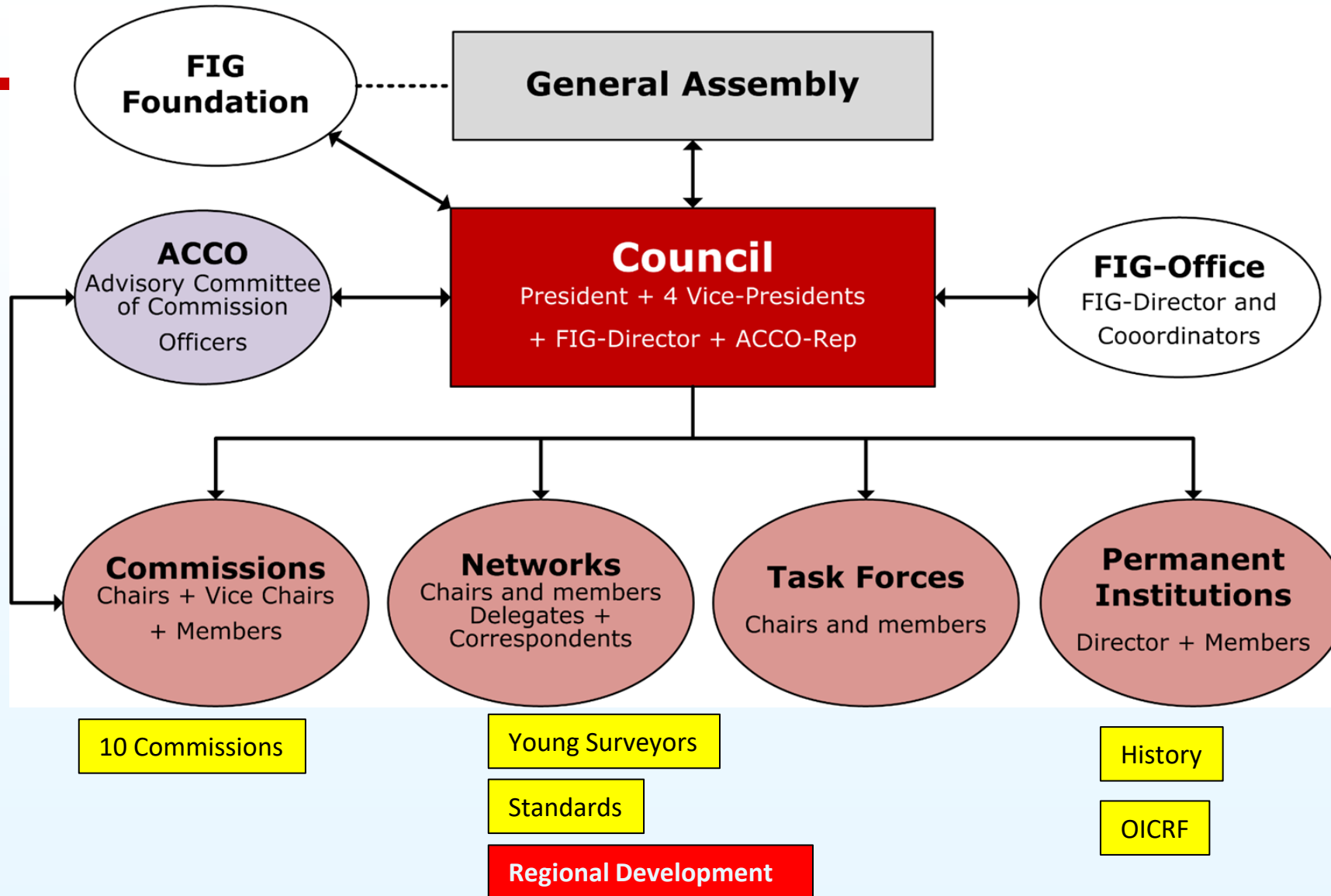
Mission of FIG

The Mission of the International Federation of Surveyors is to ensure that the disciplines of surveying and all who practice them meet the needs of the markets and communities that they serve.






How is FIG organized ?





By 2030 Americas land professionals will provide global thought leadership and promote professional leadership qualities amongst its members and within their Associations as active Members of the FIG.

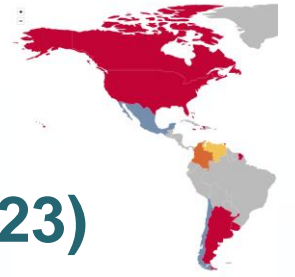


The screenshot shows the FIG website's navigation menu with 'Organisation' selected. The breadcrumb trail is 'Home > Organisation > Networks > Capacity development'. The main heading is 'FIG Regional Capacity Development Network', accompanied by a photo of a meeting. Below this is the title 'FIG Regional Capacity Development Networks' and a paragraph explaining their purpose: 'The purpose of the Regional Capacity Development Networks are to ensure the rapid response to change and to ensure the surveyors of tomorrow by a global network operationalised on a Regional basis.' At the bottom, there are two network icons: 'Africa FIG Regional Network (ARN)' with a map of Africa, and 'Asia/Pacific FIG Regional Network' with a tropical beach image.



FIG Working Week 2023

Caribbean SIDS Workshop (May 29-30, 2023)



Drafted Orlando Statement on the Caribbean Small Island Developing States (highlights):

- Highlight the uniqueness of Caribbean SIDS but also their similarities.
- **Recognized** various **international programmes, conventions and frameworks** that address the various challenges being faced by Caribbean SIDS eg. Integrated Geospatial Information Framework (IGIF), Global Geodetic Reference frame (GGRF), UNDRR) Sendai Framework for Disaster Risk Reduction, UN-GGIM Strategic Framework on Geospatial Information and Services for Disasters.
- **Agree** that the costs, benefits and value of geospatial information and the hydrospatial domain should be advocated to all stakeholders, in particular decision makers and donor or funding agencies
- **Commit** to identify and collaborate with existing regional networks throughout the region.
- **Confirm** the need for partnerships, sharing and collaboration between governments, non-governmental organizations, academia and industry.



- FIG Council established the Americas CDN in August 2023
- Spans all of the Americas: Subregions for Caribbean, Latin America & North America
- To address concerns of all Nation States, territories and constituent countries
- Build capacity and capability outside of the government agencies in FIG constituents

News in 2023



FIG Council establishes new Regional Network

August 2023

A new FIG Regional Network has been born. This is the third FIG Regional Network and covers the entire Americas region.

The Regional Capacity Development Network originates from the **Africa Task Force 2009-2014** that delivered a clear direction for African member Associations to actively increase their presence in FIG. This resulted in the first Regional Network in Africa (ARN). The idea was to have a global network operationalised on a Regional basis. Initially, the CDN was expanded to include the Asia-Pacific region (AP-CDN).



The appointed Chair of the Network, Dan Roman US, presents the proposal for a new Regional Capacity Building Network in the Americas region for the General Assembly in Orlando, Florida, 1 June 2023.



- Establishing contact with existing subregional and regional organizations
- Find and engage with national professional societies
- Connect national professional societies with their respective governments
- Work within FIG to ensure action and activity throughout the Americas





Regional Organizations



FIG WORKING WEEK 2023

28 May - 1 June 2023 Orlando Florida USA

Protecting Our World, Conquering New Frontiers

Joint Action Plan: Outcomes of the Aguascalientes Declaration

Developed with Member States of regional organizations, such as the PAIGH, UN-GGIM: Americas, AmeriGEO, SICA, ECLAC, SIRGAS, RedCLARA and UNEP. Three founded working groups:

1. Capacity Development
2. Communication, Cooperation, and Coordination
3. Data, Information, and Knowledge Sharing



UN-GGIM:Américas

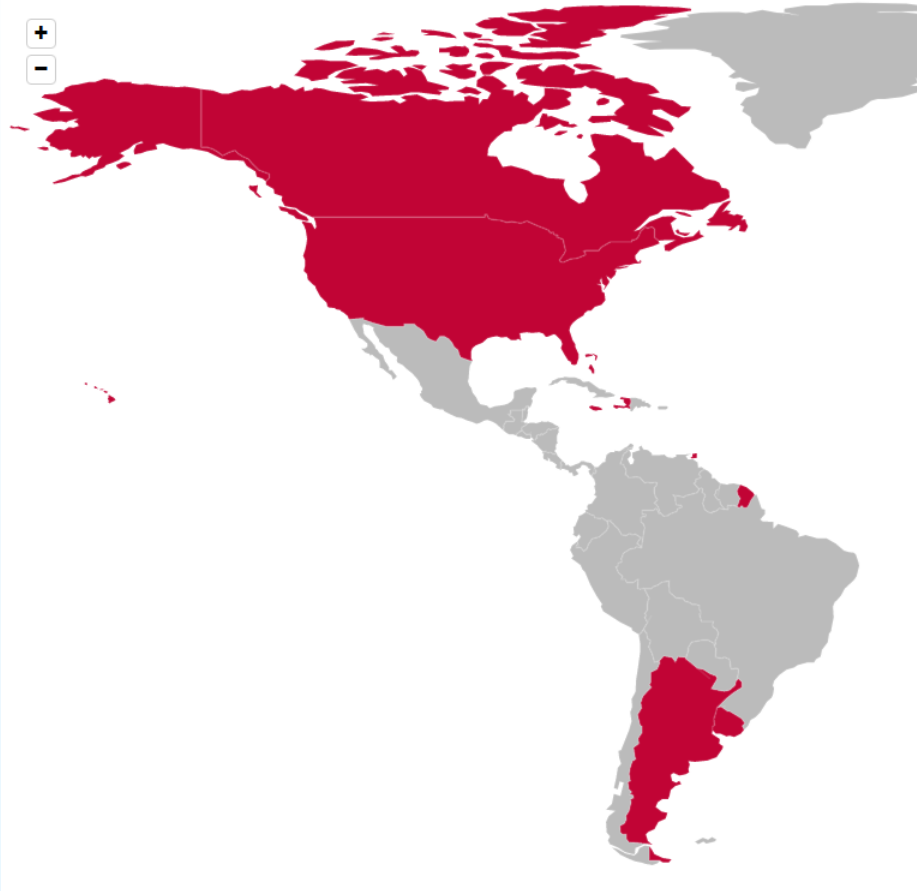


SIRGAS
sirgas.ipgh.org

- The intention of this renewed Joint Action Plan is to **improve coordination and dialogue among the Member States and relevant international organizations** to share experiences in the application of geospatial data to establish good practices and the adoption and use of technologies to support the decision-making process.
- Its objectives include promoting **the integration of geospatial data** to formulate a comprehensive approach **to solving national and regional issues and challenges.**



National Professional Societies



- Red indicates the existing 8 FIG Members
 - ARGENTINA, BAHAMAS, CANADA, HAITI, JAMAICA, TRINIDAD AND TOBAGO, UNITED STATES, & URUGUAY
- A poll uncovered many other groups that are active in Latin America but not in FIG
- A task is to involve or establish national professional societies to reach everyone



Training Providers

- SIRGAS – technical training
- NASA/JPL – [Gypsy/X](#)
- IAG – a variety of training
- [EuroSDR](#) - Workshops
- NOAA/NGS – [TTC](#), [educational videos](#), [online](#), [webinars](#),
 - GEBCO sponsored event: July 2024
 - UN-GGIM-Americas: October 2024

Funding Support Providers

- PAIGH (for those who are members)
- UN-OOSA (generally limited)
- GEBCO (Mesoamerica/Caribbean focus)
- Funding for all these has been requested for next year



Next Steps – Near Term

- Determine funding and events in 2024
 - How many can participate? Where? Training to be accomplished?
 - How will this support national, Caribbean and regional plans?
- Organize formal Side Event at 2024 UN-GGIM-Americas
- Contact national professional societies
- Consider exportable training opportunities – trainers travel
- Leverage local meeting opportunities (e.g., CARIGEO)



Next Steps – Longer Term

- Look to national requirements for Geospatial Data
 - What data does each country have? How to implement GGRF?
 - Impacts to respective Country-level Action Plans
- Look to Caribbean area requirements
 - Areas of overlap? Opportunities for collaboration? Training needs?
 - Concerns about integrating maritime/terrestrial domains
- Look to regional requirements across the Americas
 - How will the work support or be supported by the Joint Action Plan?
 - Work with regional partners such as SIRGAS, PAIGH, AmeriGEO



Thank you for your attention

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