

Volunteering for the future -Geospatial excellence for a better living

Coordination of Global Capacity Development: UN SCoG WG Education, Training and Capacity Building (ETCB) Dr. Daniel Roman Chair, FIG Commission 5 Chair, UN SCoG WG ETCB







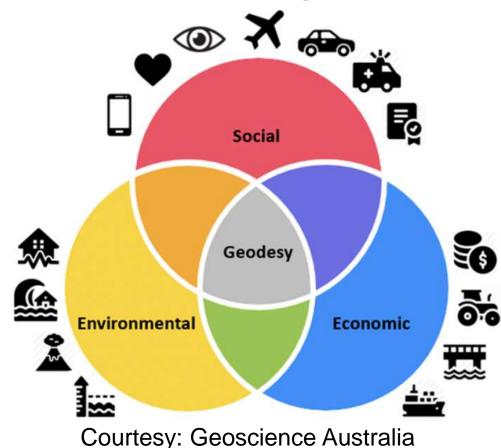


XXVII FIG CONGRESS

11–15 SEPTEMBER 2022 Warsaw, Poland

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Importance of Geodesy



Geodesy underpins the three pillars of sustainable development:

- 1. providing data and services to support societal benefits
- 2. economic prosperity
- 3. environmental monitoring

Global players, amongst others:

- Member States
 - Build and maintain the geodetic infrastructure
- International Association of Geodesy: IAG
 - Operational services and product delivery
- International Federation of Surveyors: FIG
 - Education, training and capacity development
- United Nations (Statistics Division)
 - Works with and supports Member States

https://www.geospatialworld.net/prime/prime-opinion/the-power-of-where-it-begins-with-geodesy/









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United Nations committee of experts on Global Geospatial Information

Management (UN-GGIM) Structure **UN-GGIM Committee of Experts** President: Ms. Paloma Gome: United Nations (Mexico) Co Chairs: atistical Commission Mr. Li Pengde (China) Ms. Dorine Burmanje (Netherlands) Ms. Macarena Perez (Chile) Rapporteur: Partners Mr Fernand Isseri (Cameroon) Ms. Gabriela Seco (Mexico) ~ **UN-GGIM Americas** Integration of Statistical and rinciples for the Managemen Geospatial Societies Geospatial Information ir Disaster Risk Subcommittee on Geodesy of Geospatial Information Caribbean Stat Academic Network promotion and ssessment of Spat Private Sector Network Reports to Statistica Commission and UN-GGIM of Statistical and Geospatial UN System Network (under formation) frame of the Denotes the participation of the United States of America Reports to Statistica Commission via the Inter-Agency and (IHO, ISO, OGC) Expert Group on SDG



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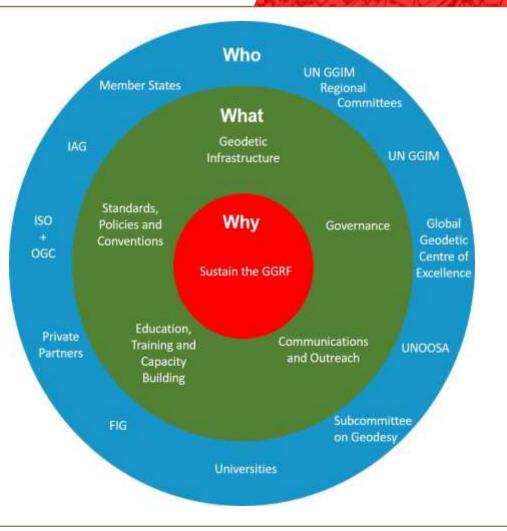
GGRF road map key issue categories

"A Global Geodetic Reference Frame for Sustainable Development"

- UN General Assembly adopted in 2015
- First resolution recognizing the importance of a globally-coordinated approach to geodesy.
- Uplifted WG GGRF to UN SCoG

Five WG's are based on these categories:

- 1. Geodetic Infrastructure
- 2. Policies, Standards and Conventions
- 3. Education, Training & Capacity Building
- 4. Governance
- 5. Outreach and Communication









The UN Subcommittee on Geodesy was tasked to develop a

- **Position Paper** on "Sustaining the GGRF"
 - describes the current state and future requirements of the GGRF
 - introduces a range of work packages for each of the five focus areas
 - introduces the potential and role of a Global Geodetic Centre of Excellence
- **Concept Paper** on "Establishing a Global Geodetic Centre of Excellence" (GGCE)
 - describes the potential and envisaged tasks of the GGCE
 - Both reference documents were submitted to UN-GGIM-10 in 2020
- Courtesy Johannes Bouman: UN GGCE | GGOS CB, 16.05.2022

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	DiP	ORMATION MANAGEMENT
	Subcommittee on Venios: 22 July 2020	Geouesy
		abal Geodetic Reference Frame
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UN SCoG and the GGCE: Focus on ETCB

- The GGCE will be more of an operational center focused on tasks.
- UN SCoG (and UN GGIM) will coordinate. Focus though is on Nations.
- Exact modalities of relationship still being developed
- However, UN SCoG WG on ETCB has been collecting contacts in nations and ETCB needs via surveys
- The intent is for GGCE and WG ETCB to facilitate the trainers to the trainees
- Part of a larger effort that must be coordinated through UN Regional Committees and regional organizations (e.g., Pacific Geospatial and Surveying Council)



UN Campus Bonn; Source: Press office of the city of Bonn









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Thank you for your attention





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