



# Continuing global Capability Development and Education efforts


**Daniel Roman**  
**Chair, WG C&E**  
**Subcommittee on Geodesy**



# WG C&E – prior work

- Education/Training identified as a key task for GGRF (A/RES/69/266)
- A series of surveys to determine sovereign geodetic requirements, capabilities, and educational needs
  - Established initial list of POC's in Nations
  - Determined national datums/CRS
  - Determined current and desired capability levels
- Networking with Academic Network to tabulate geodesy-related academic programs, advanced training
  - Consultations with NGO's (e.g., IAG) for availability of mobile training
  - Determination of local and regional training programs
  - Determination of minimum educational standards

# ... and then the UN GGCE Workshops commenced



United Nations  
Global Geodetic  
Centre of Excellence

**Geodesy Capacity Development Workshop for Europe  
on Transitioning to a Modern Geospatial Reference System**


**17-21 February 2025  
UN Campus, Bonn, Germany**




United Nations  
Global Geodetic  
Centre of Excellence

**Geodesy Capacity Development Workshop for Asia-Pacific  
on Transitioning to a Modern Geospatial Reference System**

**30 June – 4 July 2025  
Bangkok, Thailand**



**United Nations**



United Nations  
Global Geodetic  
Centre of Excellence

**Africa Geodesy Capacity Development Workshop  
Modernizing your Country Geospatial Reference System**

**19 to 23 May 2025  
Nairobi, Kenya**



United Nations  
Global Geodetic  
Centre of Excellence

**Geodesy Capacity Development Workshop for the Americas  
on Transitioning to a Modern Geospatial Reference System**

**3 – 7 November 2025  
Santiago, Chile**



**UN-GGIM ARAB STATES**

**REGIONAL COMMITTEE OF  
UNITED NATIONS  
GLOBAL GEOSPATIAL  
INFORMATION MANAGEMENT  
FOR THE ARAB STATES**

*To Be Rescheduled*

# Next Steps

- Post Workshop efforts:
  - Maintain the contacts developed as a part of the Workshops
  - Expand the list and extent of the outreach and education effort
  - Involve the regional GRF's in these efforts for consistent regional plans
- Continue efforts involving the Academic Network
- Work with Nations throughout regions to better implement IGIF
  - Develop a consistent, cohesive national WG for geospatial data
  - Develop geodetic communities underpinning the national geospatial WG
- Extending efforts into the Private Sector
  - UN GGIM Private Sector
  - FIG Regional Networks

# Memberships

- Chair: Daniel Roman, [dan.roman@noaa.gov](mailto:dan.roman@noaa.gov)
- Secretariat: Allison Craddock, [allison.craddock@un.org](mailto:allison.craddock@un.org)
- Open to all Subcommittee members
  - Ability to invite other SME's
- Desired to have connections to each regional GRF WG
  - To better link global and regional efforts
- Other IGO's NGO's
  - FIG Regional Networks/Commission 5
  - IAG (1.3x, 2.4x)
  - GEO – regional
  - Other regional groups (e.g., PGSC)