



United Nations Global Geospatial Information Management (UN-GGIM)

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NOAA's National Geodetic Survey



Here's where we are on the agenda ...

- **17:30 – 19:00 Session 7: International Geodesy Initiatives and Geodetic Infrastructure**
 - 14) ICG at UN
 - *Ms. Sharafat Gadimova, United Nations Office for Outer Space Affairs*
 - **15) United Nations Global Geospatial Information Management (UN-GGIM)**
 - *Dr. Dan Roman, NOAA National Geodetic Survey National Oceanic & Atmospheric Administration*
 - 16) Sponsor presentations
- **19:30 Seminar Dinner**



What is UN-GGIM?









- UN-GGIM
 - Committee of Experts on Global Geospatial Information Management
 - Economic and Social Council on 27 July 2011
 - To promote international cooperation in the field of global geospatial information
 - TOR: Committee comprised of experts from all Member States, as well as experts from international organizations as observers.
- UN-GGIM-Regionals - Formerly UNRCC's
- UN-GGRF WG => Subcommittee on Geodesy



Frameworks, guides,
 norms, standards and
 methodological
 development

Normative strengthening,
 capacity building and
 implementation of GGIM
 in support of the 2030 Agenda




-  Strengthening global geospatial information management
-  Contribution of regional committees, thematic groups and networks
-  Legal and policy frameworks and issues related to authoritative data
-  Trends in national institutional arrangements
-  Adoption of standards and technical specifications
-  Strengthening collaboration with UNGEGN
-  United Nations activities in geospatial information management
-  Secretariat programme management

**UN-GGIM:
 Strengthening
 the Global Data
 Ecosystem**



The activities and efforts
 that contribute to the
 unique local-to-global
 value of UN-GGIM
 for Member States

-  Global geodetic reference frame
-  Global fundamental geospatial data themes
-  Integration of geospatial, statistical and other information
-  Geospatial information and services for disasters
-  Land administration and management
-  Geospatial information for sustainable development
-  National geospatial data and information systems
-  Marine geospatial information



UN-GGIM: Global meetings

Annual Sessions of the UN-GGIM Committee of Experts:

1. Seoul, Republic of Korea, October 2011
2. UNHQ, New York, August 2012
3. Cambridge, United Kingdom, July 2013
4. UNHQ, New York, August 2014
5. UNHQ, New York, August 2015
6. UNHQ, New York, August 2016
7. UNHQ, New York, August 2017

High-Level Forums on Global Geospatial Information Management:

1. Seoul, Republic of Korea, October 2011
2. Doha, Qatar, February 2013
3. Beijing, China, October 2014
4. Addis Ababa, Ethiopia, April 2016
5. Mexico City, Mexico, November 2017



UN-GGIM

United Nations Secretariat
Global Geospatial Information Management

ggim.un.org

Sponsors:



Rimble

Istanbul, Turkey 4-5 May 2018

UN-GGIM: Integration of regions

Establishing a regional architecture of UN-GGIM

UN-GGIM Bureau:

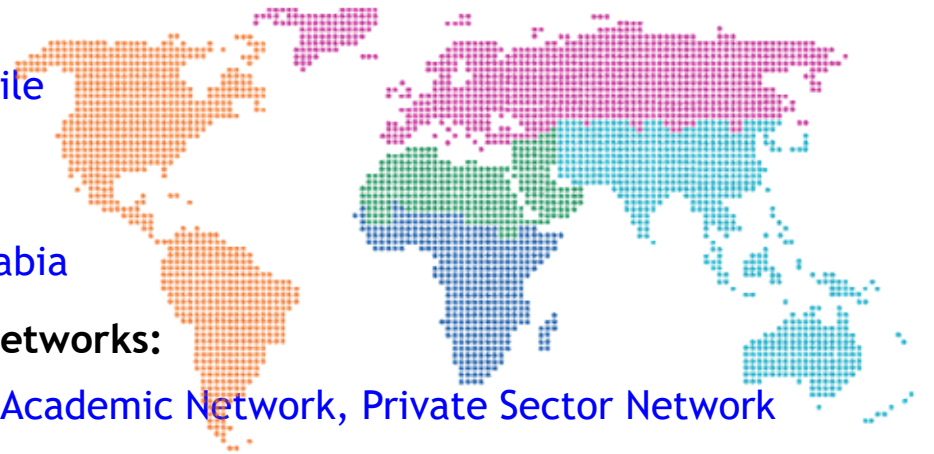
Co-Chairs: USA, China and the Netherlands; Rapporteur: Cameroon

UN-GGIM Regional Committees & Chairs:

- Asia-Pacific: Japan
- Americas: Mexico, Chile
- Europe: Sweden
- Africa: Ethiopia
- Arab States: Saudi Arabia

UN-GGIM International Networks:

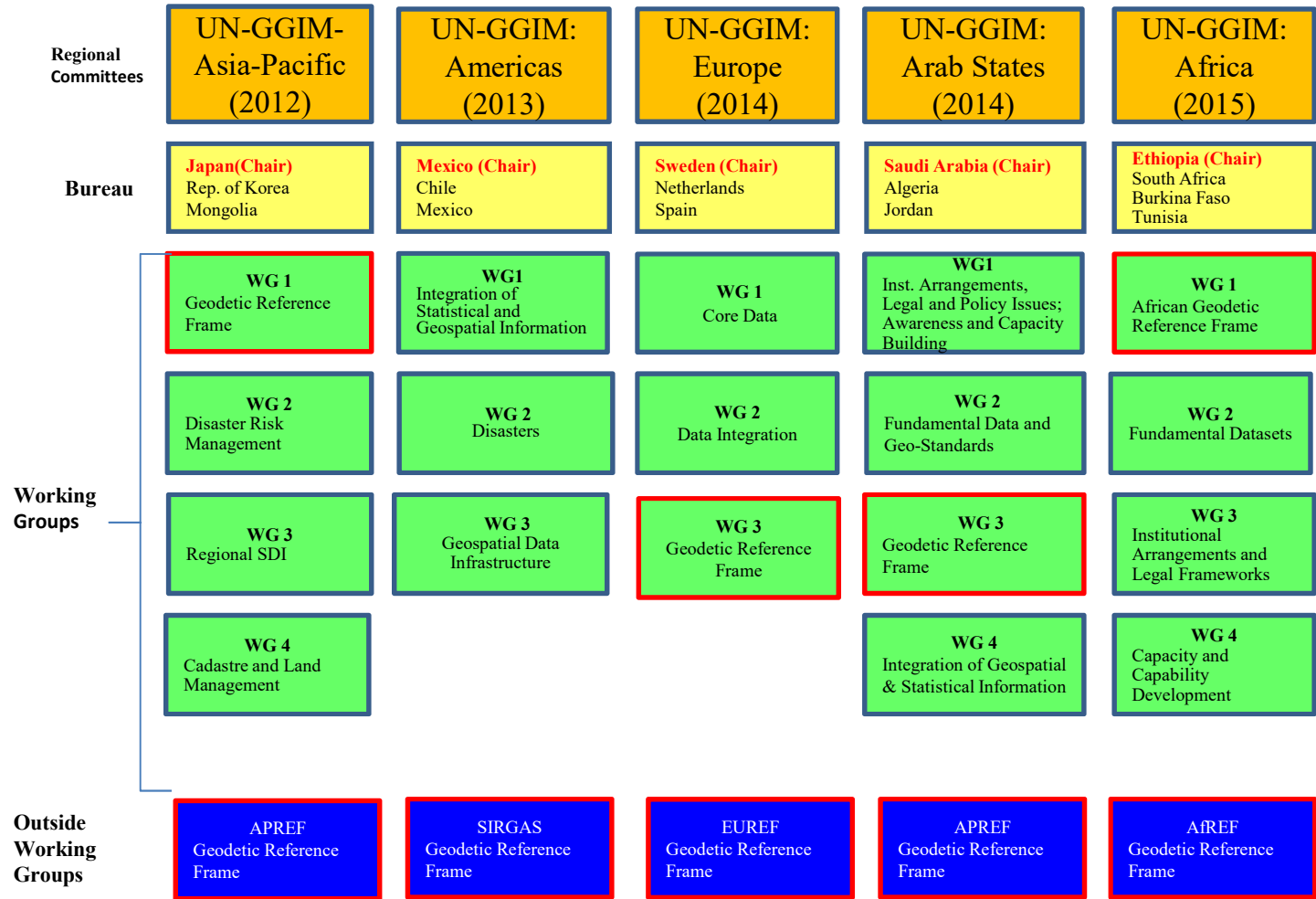
- Geospatial Societies, Academic Network, Private Sector Network



FIG/IAG/UN ICG/HKMO Technical Seminar
 Reference Frames in Practice -
 Reference Frames, Kinematics and Dynamic Datums



UN-GGIM - Committee of Experts





United Nations Subcommittee on Geodesy

UN SCoG



The mandate

The UN-GGIM Committee of Experts

- Endorsed the global geodetic roadmap as a “principle-based briefing document for national Governments”
- Welcomed the development of an implementation plan to link the road map recommendations to national policy developments
- Elevated the GGRF working group (WG) to a Sub-Committee on Geodesy (SCoG) to strengthen the GGRF
- Requested the development of a position paper to define the appropriate governance arrangements for the GGRF



The vision of the implementation plan

“An accurate, sustainable and accessible Global Geodetic Reference Frame to support science and society”

GGRF road map key issue categories



Organisational Structure



Figure 2: Organisation of work

Activities of the focus groups

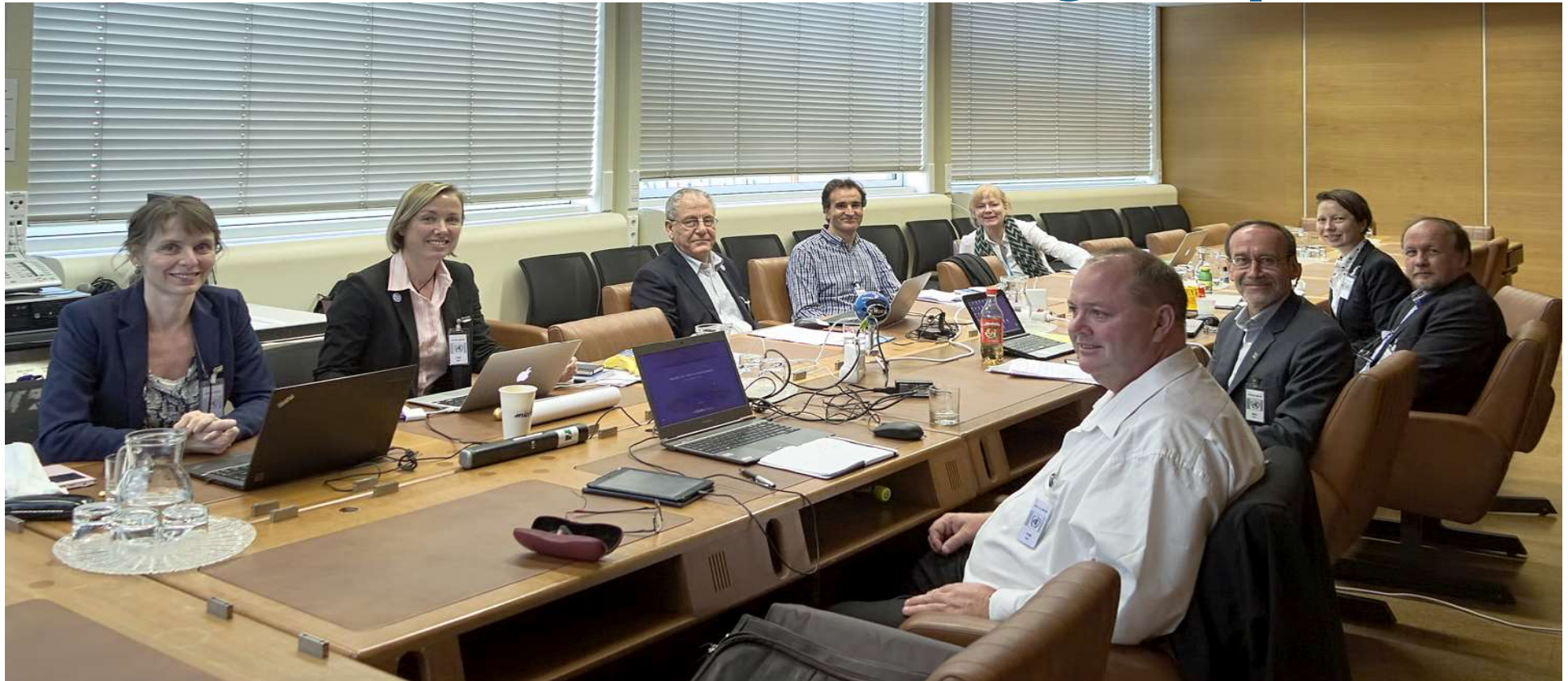


Photo: Markku Poutanen

Geodetic Infrastructure



Photo: Bjørn-Owe Holmberg

Policy, Standards and Conventions



Photo: Andrick Lal. SPC

Education, Training and Capacity Building



Photo: Geoscience Australia

Outreach and Communication



UNGGRF
@UNGGRF
UN-GGIM Global Geodetic Reference Frame (GGRF) Working Group. Recognizes growing demand for positioning service, GGRF and global cooperation within geodesy.
unggrf.org
Registrerte seg februar 2015
31 bilder og videoer

Tweets Tweets og svar Medier

Feilslått tweet

UNGGRF @UNGGRF · 27. apr.
Our vision is a sustainable Global Geodetic Reference Frame to support science and society. #GGRF WG-meeting in Vienna @UNGIM #geodesy
Oversett fra engelsk

UNGGRF @UNGGRF · 3. mai
Great read about importance of #geodesy, PhD candidate @a_riddell is a true #GGRF ambassador inspiring us all @UTAS.

Folk å følge · Co-ordator · Vis alle

- NCC i Norge** @NCCCharge
Følges av Mjøstretsen ZERO og andre
Følg
- Norman Teferle** @NTeferle
Følges av GNSS News og andre
Følg
- Jeremy Morley** @Jeremy_M...
Følges av Dave Lovell og andre
Følg

Finns venner

Trender · Entre

- #OsloFF**
1 209 tweets
- #climatechange**
@DMitchell_Land Tweetet om dette
- #Biodiversityday**
1 112 tweets
- #Greece**
4 192 tweets
- #EBS2017**
- #TrumpInIsrael**

Governance



Photo: Anne Jørgensen



The new role

- Formally transformed the GGRF working group to the Sub-Committee on Geodesy (August 2017)
- Arranged first formal meeting of the Sub-Committee on Geodesy (November 2017)
- GGRF utilized in conjunction with other fundamental datasets
- Through the Sub-Committee provide geodetic expertise to the broader intergovernmental community, especially relating to Sustainable Development Goals but also to hazards, environment, and economic development.



Towards Sustainability



Photo: Bjørn-Owe Holmberg

Thank You !

QUESTIONS?



Istanbul, Turkey 4-5 May 2018