

Transforming our world -  
The 2030 Agenda for  
Sustainable Development



# Meeting of the Expanded Bureau of the Committee of Experts on Global Geospatial Information Management

Aguascalientes, Mexico  
24 January 2024

**Secretariat for of the Committee of Experts on Global Geospatial Information Management**  
Statistics Division  
Department of Economic and Social Affairs  
United Nations



**UN-GGIM**

United Nations Secretariat  
Global Geospatial Information Management

*Positioning geospatial information to address global challenges*

[ggim.un.org](http://ggim.un.org)

# MEMBERS OF THE EXPANDED BUREAU

## Bureau of UN-GGIM

**Co-Chairs:** Ms. Ingrid Vanden Berghe (Belgium)  
Mr. Fernand Eanes Bale (Côte d'Ivoire)  
Ms. Paloma Merodio Gómez (Mexico)

**Rapporteur:** Mr. Kamal Outghouliast (Morocco)

## Regional committees of UN-GGIM

UN-GGIM: Africa Ms. Marolae Chauke (South Africa)  
UN-GGIM: Americas Ms. Sofia Nilo Crisostomo (Chile)  
UN-GGIM: Arab States Mr. Mohammed Al Sayel (Saudi Arabia)  
UN-GGIM-AP Mr. Antonius Wijanarto (Indonesia)  
UN-GGIM: Europe Mr. Frank Tieroff (The Netherlands) and Mr. David Henderson (United Kingdom)

## Thematic networks of UN-GGIM

Geospatial Societies Ms. Céline Rozenblat, International Geographical Union  
Academic Network Ms. Maria Antonia Brovelli, Politecnico di Milano  
Private Sector Network Mr. Shaik Mohamed Zaffar Sadiq Mohamed-Ghouse, Woolpert  
UN Geospatial Network Mr. Alexandre Caldas, United Nations Environment Programme



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# AGENDA #1 – WELCOME AND INTRODUCTION

Brief welcome and introductory remarks by the UN-GGIM Secretariat and the Bureau of UN-GGIM

Mr. Stefan Schweinfest

Ms. Paloma Meridio Gomez

Mr. Fernand Bale

Ms. Ingrid Vanden Berghe



UN-GGIM

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# AGENDA #2 – AGENDA AND ORGANIZATION OF THE MEETING

## Provisional agenda

- 1) Welcome and introduction
- 2) Agenda and organization of the meeting
- 3) Report of the Committee of Experts on its Thirteenth Session
- 4) Resolution E/RES/2022/24 and the UN regular budget proposal for the establishment of a Secretariat for the Committee
- 5) Seventh High-level Forum on Global Geospatial Information Management
- 6) United Nations Geospatial Centres of Excellence
- 7) United Nations Integrated Geospatial Information Framework
- 8) Contribution of regional committees to the global geospatial information agenda
- 9) UN-GGIM functional groups and the substantive agenda of the Committee of Experts
- 10) Geospatial information for climate and resilience
- 11) Future Geospatial Information Ecosystem
- 12) Contribution of thematic networks to the global geospatial information agenda
- 13) Overview of the preparation for the fourteenth session as well as expert, plenary and regional meetings, international seminars and forums, and expert consultations
- 14) Other matters
- 15) Summary, next steps and close



# AGENDA #2 – AGENDA AND ORGANIZATION OF THE MEETING

The organization of the meeting is as proposed in the provisionally annotated agenda provided to all participants.

Durations for every agenda items are indicative, meant to guide and serves as a time check to allow the Expanded Bureau to accomplish the desired outcomes from this meeting.



# AGENDA #3 – REPORT OF THE COMMITTEE OF EXPERTS ON ITS THIRTEENTH SESSION

The report of the Committee of Experts on Global Geospatial Information Management on its thirteenth session ([E/2024/46-E/C.20/2023/19](#)) in all six official languages for the United Nations is [available online](#)

The Economic and Social Council met on 26 October 2023–

- (a) Took note of the report of the Committee of Experts on Global Geospatial Information Management on its thirteenth session (E/2024/46);
- (b) Decided that the fourteenth session of the Committee of Experts shall be held at United Nations Headquarters in New York from 7 to 9 August 2024;
- (c) Approved the provisional agenda and documentation for the fourteenth session of the Committee of Experts

(ECOSOC decision 2024/303)



# AGENDA #3 – REPORT OF THE COMMITTEE OF EXPERTS ON ITS THIRTEENTH SESSION

## *Provisional agenda of the fourteenth session of the Committee of Experts on Global Geospatial Information Management*

1. *Election of officers.*
2. *Adoption of the agenda and other organizational matters.*
3. *Enhancing global geospatial information management arrangements.*
4. *Contribution of regional committees to the global geospatial information agenda.*
5. *Contribution of thematic networks to the global geospatial information agenda.*
6. *The future geospatial information ecosystem.*
7. *United Nations Integrated Geospatial Information Framework.*
8. *Global geodetic reference frame.*
9. *Geospatial information for sustainable development.*
10. *Geospatial information for climate and resilience.*
11. *Integration of geospatial, statistical and other related information.*
12. *Integrated geospatial information for effective land administration and management.*
13. *Integrated marine geospatial information.*
14. *Policy and legal frameworks, including issues related to authoritative data.*
15. *Implementation and adoption of standards for the global geospatial information community.*
16. *Collaboration with the United Nations Group of Experts on Geographical Names.*
17. *Programme management report.*
18. *Provisional agenda and dates of the fifteenth session.*
19. *Report of the Committee of Experts on its fourteenth session.*





## Global Development Frameworks

## Global Geospatial Frameworks

### 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT



### INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK (IGIF)

Sendai Framework for Disaster Risk Reduction 2015-2030

Paris Agreement on Climate Change

Strategic Framework on Geospatial Information and Services for Disasters

Global Statistical Geospatial Framework (GSGF)

Framework for Effective Land Administration (FELA)

Operational Framework for Integrated Marine Geospatial Information Management (UN-IGIF-Hydro)

*SAMOA Pathway for SIDS*  
*Addis Ababa Action Agenda*  
*Habitat III New Urban Agenda*  
*Our Ocean, Our Future: Call for Action*

*Global Fundamental Geospatial Data Themes*  
*Global Geodetic Reference Frame (GGRF)*  
*National Institutional Arrangements in Geospatial Information Management*  
*Role of Standards in Geospatial Information Management*  
*Compendium on Licensing of Geospatial Information*  
*Statement of Shared Guiding Principles for Geospatial Information Management*  
*Future Trends in Geospatial Information Management Reports*  
*SDGs Geospatial Roadmap*

Committee of Experts transmitted to ECOSOC its final report, pursuant to resolution [E/RES/2016/27](#) on strengthening institutional arrangements on geospatial information management ([E/2022/68](#)) entitled 'Enhancing global geospatial information management' in June 2022. The comprehensive report described the process of 'transition' marking the Committee's work, starting with an initial five-year period (2012 – 2016) on **establishment**; the report then detailed its second five-year period (2017-2021) on **institutionalization**; and then considers the Committee's future in the coming five-year period – **on implementation of the Committee's frameworks, anchored by the UN-IGIF.**



# UN-GGIM

United Nations Committee of Experts on Global Geospatial Information Management

# AGENDA #4 – IMPLEMENTATION OF RESOLUTION E/RES/2022/24 AND THE 2024 UN PROGRAMME BUDGET FOR THE ESTABLISHMENT OF A SECRETARIAT FOR THE COMMITTEE

## E/RES/2022/24

7. Also decides to strengthen the work of the Committee of Experts, and requests the Secretary-General, in the context of his **next budget proposal**, to identify options to do so, within existing resources, including the **establishment of a secretariat for the Committee**, dedicated to the Committee's normative and implementation work on global geospatial information management;

### Decision 13/101 (Thirteenth session)

(b) Noted the **ongoing budgetary process associated with the adoption of resolution 2022/24 by the Council** and the inclusion of performance measures and results focused on accelerated implementation of the United Nations Integrated Geospatial Information Framework within the strategic objectives and elements of the Department of Economic and Social Affairs of the Secretariat, and in this regard underscored **the importance of continued advocacy and awareness-raising within and among Member States and their permanent missions in the next steps and final negotiations for adequate and sustainable resources within the Secretariat**, and requested an update on the outcomes of the process;



# Extract from the Programme Budget

## Implication statement delivered to ECOSOC

### In relation to E/RES/2022/24

|   |         |   |  |
|---|---------|---|--|
| 1 | P-5     | <b>Establishment of</b><br>1 Chief of Section,<br>Geospatial Information  | The Economic and Social Council decided, in its resolution <a href="#">2022/24</a> , to strengthen the work of the Committee of Experts on Global Geospatial Information Management. In order to support the Committee's encompassing architecture on global geospatial information management, including implementing the recommendations of the report of the Committee of Experts to the Council (E/2022/68), the 2030 Agenda and the Integrated Geospatial Information Framework, the Council also called for the establishment of a secretariat comprising seven posts (1 P-5, 1 P-4, 2 P-3, 2 P-2 and 1 GS (OL)).  |
| 1 | P-4     | <b>Establishment of</b><br>1 Geospatial<br>Information Officer            | <p>The secretariat would also be responsible for the following:</p> <ul style="list-style-type: none"> <li>(a) Service/support the Committee's high-level group, subcommittee, experts and working groups;</li> <li>(b) Manage/support the global Committee architecture, including its five regional committees and four thematic groups;</li> <li>(c) Support the implementation of the Committee's global geospatial strategic frameworks, guides, methods, standards and norms;</li> <li>(d) Implement and monitor extrabudgetary capacity and capability development projects under the Committee;</li> <li>(e) Coordinate/implement external technical cooperation and capacity development partnerships, including the SDG Data Alliance, the Group on Earth Observations, the World Geospatial Industry Council, Geospatial World and Geospatial Knowledge Infrastructure;</li> <li>(f) Promote coherence, coordination and cooperation on global geospatial information management-related issues;</li> <li>(g) Support the establishment and oversight of the United Nations Global Geospatial Knowledge and Innovation Centre and the United Nations Global Geodetic Centre of Excellence.</li> </ul> |
| 2 | P-3     | <b>Establishment of</b><br>2 Geospatial<br>Information Officers           |  |
| 2 | P-2     | <b>Establishment of</b><br>2 Associate Geospatial<br>Information Officers |  |
| 1 | GS (OL) | <b>Establishment of</b><br>1 Programme<br>Management Assistant            |  |



7. *Endorses* the conclusions and recommendations contained in the report of the Advisory Committee on Administrative and Budgetary Questions, subject to the provisions of the present resolution;

and for –

## Section 9 Economic and social affairs

46. *Takes note* of paragraph IV.7 of the report of the Advisory Committee, and decides to establish two posts (1 P-3 and 1 P-2);

47. *Also takes note* of paragraph IV.10 of the report of the Advisory Committee;

*Paragraph IV.7 referred above came from A/78/7, the report of the Advisory Committee on Administrative and Budgetary Questions –*

**IV.7 The Advisory Committee, while recognizing the important functions of the Committee of Experts on Global Geospatial Information Management and the need to support Member States in implementing related technical recommendations to strengthen their geospatial information management capacities, is not fully convinced of the requested capacity for a secretariat of the Committee of Experts at this stage and therefore recommends against the establishment of two posts (1 P-3 and 1 P-2).**



Seventy-eighth session  
Agenda item 134  
Proposed programme budget for 2024

### Resolution adopted by the General Assembly on 22 December 2023

[on the report of the Fifth Committee (A/78/662, para. 83)]

#### 78/252. Questions relating to the proposed programme budget for 2024

*The General Assembly,*

*Reaffirming* its resolutions 41/213 of 19 December 1986, 42/211 of 21 December 1987, 45/248 B, section VI, of 21 December 1990, 55/231 of 23 December 2000, 56/253 of 24 December 2001, 58/269 and 58/270 of 23 December 2003, 59/276, section XI, of 23 December 2004, 60/283 of 7 July 2006, 61/263 of 4 April 2007, 62/236 of 22 December 2007, 63/262 of 24 December 2008, 64/243 of 24 December 2009, 65/259 of 24 December 2010, 66/246 of 24 December 2011, 68/246 of 27 December 2013, 70/247 of 23 December 2015, 72/261 and 72/266 A of 24 December 2017, 72/266 B of 5 July 2018, 73/281 of 22 December 2018, 74/262 of 27 December 2019, 75/252 of 31 December 2020, 76/245 of 24 December 2021, 76/271 of 29 June 2022, 77/262, 77/267 and 77/263 A of 30 December 2022 and 77/263 B of 18 April 2023,

*Reaffirming also* the respective mandates of the Committee for Programme and Coordination and the Advisory Committee on Administrative and Budgetary Questions in the consideration of the proposed programme budget,

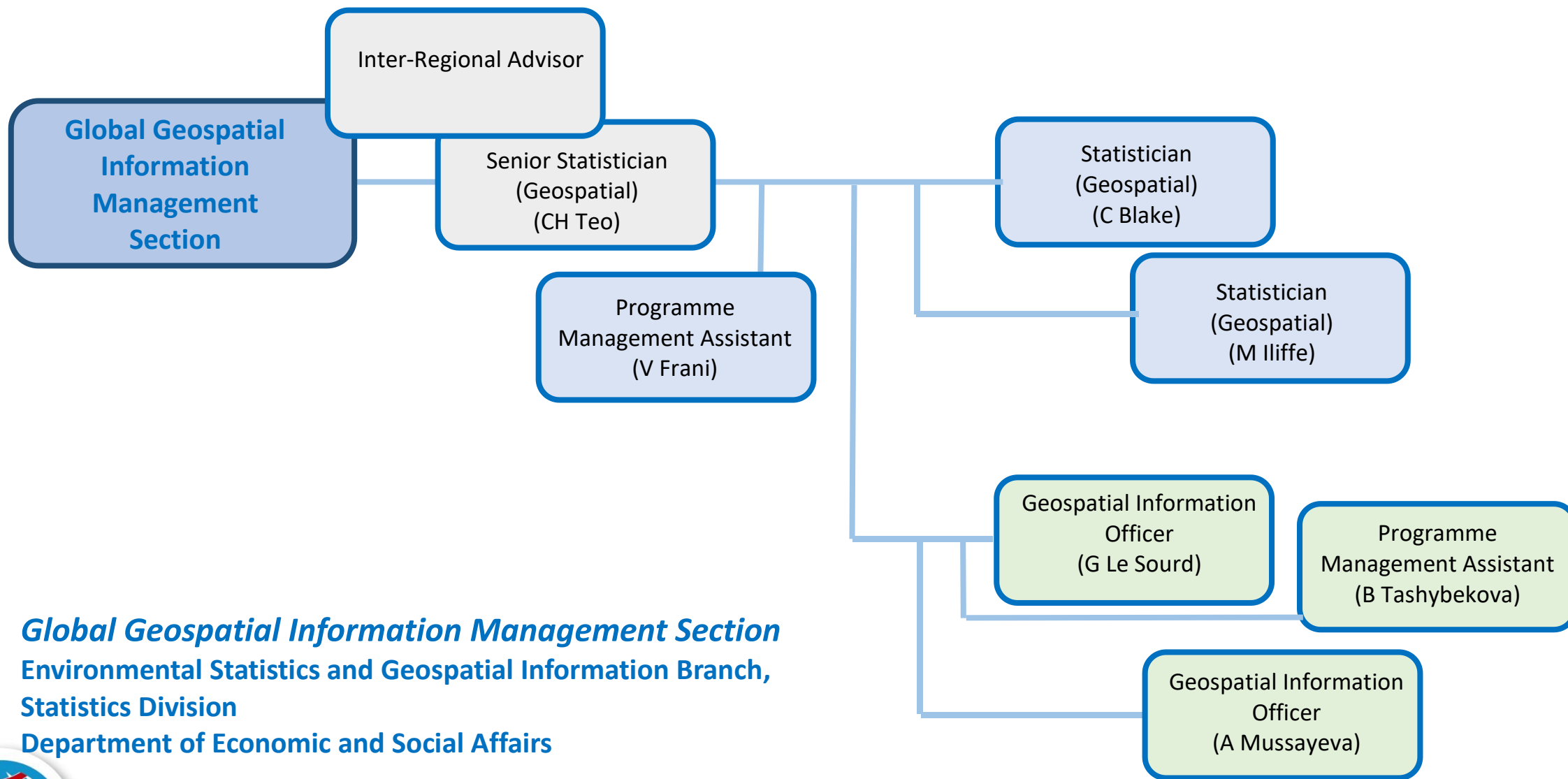
*Reaffirming further* the role of the General Assembly, through the Fifth Committee, in carrying out a thorough analysis and approval of posts and financial resources, as well as of human resources policies,

*Expressing deep concern* about the detrimental effect of the withholding of assessed contributions on the administrative and financial functioning of the United Nations and its ability to implement mandates and programmes,

*Recognizing* that multilingualism, as a core value of the Organization, contributes to the achievement of the goals of the United Nations, as set out in Article 1 of the Charter of the United Nations,



# Current staffing situation



**Global Geospatial Information Management Section**  
Environmental Statistics and Geospatial Information Branch,  
Statistics Division  
Department of Economic and Social Affairs



# AGENDA #5 – SEVENTH HIGH-LEVEL FORUM ON GLOBAL GEOSPATIAL INFORMATION MANAGEMENT

**The Committee of Experts, at its thirteenth session, in decision 13/101**

(d) Welcomed the **invitation of the Government of Mexico, through its National Institute of Statistics and Geography, to host the seventh High-level Forum on Global Geospatial Information Management, in Mexico City in October 2024**, with the theme “Accelerating implementation: achieving resilience”, and confirmed the support of the Committee of Experts in the development and implementation of the programme of the Forum alongside the eleventh plenary meeting of the United Nations Global Geospatial Information Management Regional Committee for the Americas;

## **Items for consideration:**

- Dates: 8 – 10 October 2024
- Location: Mexico City
- Establish an Advisory Committee
  - To prepare and promote an engaging substantive programme for the three days
- Entrust Bureau, the host and the Secretariat to coordinate and compose an Advisory Committee, and deliver the Seventh High-level Forum including matters related to venue, logistics and budget



# AGENDA #6 – UNITED NATIONS GEOSPATIAL CENTRES OF EXCELLENCE

## The Committee of Experts, at its thirteenth session, in decision 13/101

(e) Also welcomed and supported the **commitment from Saudi Arabia to host and establish the United Nations Global Geospatial Ecosystem Centre of Excellence in Riyadh**, and encouraged the Bureau and the Secretariat to work with Saudi Arabia to clarify and refine the scope and remit of the Centre to ensure that it aligns with the programme of work of the Committee of Experts and complements the activities and established agendas of the United Nations Centres in Deqing, China, and Bonn, Germany, in order to avoid duplication;

(f) Noted the progress and efforts made to **finalize the modalities for the establishment of the United Nations Global Geospatial Knowledge and Innovation Centre in Deqing and the United Nations Global Geodetic Centre of Excellence in Bonn**, as tangible means to develop and expand global geospatial capacity and capability and to strengthen geospatial information management arrangements in countries, especially developing countries, and looked forward to ongoing updates on the operations of the Centres at future sessions of the Committee of Experts;

(g) Also noted that **cooperation and coordination between the three centres of excellence would be key** to their success;





# **A Strategic Plan of United Nations Global Geospatial Knowledge and Innovation Centre**

**Dr. Li, Pengde**

**Director, UNGGKIC**

**Deqing, Huzhou, Zhejiang ,China**





UN Campus, Bonn. Credits: UN Bonn Volker Lannert

# UN-GGCE Strategy and Operating Plan

**Aguascalientes | 22-26 January  
2024**



**United Nations  
Global Geodetic  
Centre of Excellence**

# Stronger. Together



# Strategy and Operating Plan



**United Nations  
Global Geodetic  
Centre of Excellence**

## Strategy and Operating Plan

Version 1.0: 11.12.2023

PUBLIC RELEASE VERSION

Endorsed Strategy and Operating Plan  
(11 Dec 2023)

### **UN-GGCE Team (4.4 FTE)**

- Jan and Sarah (Germany)
- Anne (Norway)
- Jose (0.4 – Spain)
- Nick (UN)
- 3 more UN staff being hired



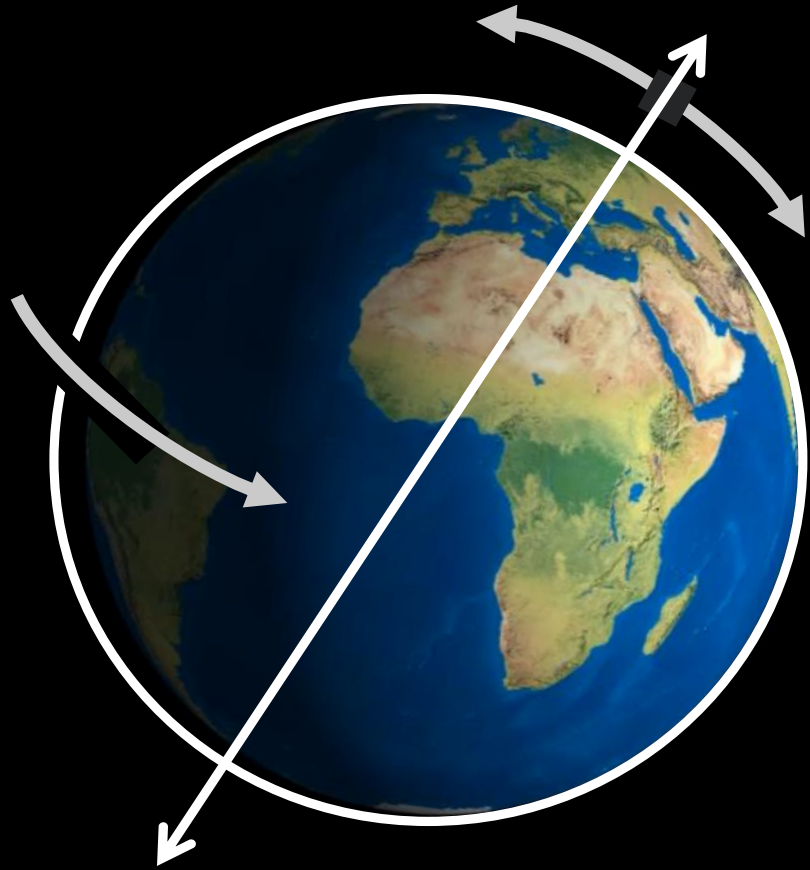
# Our Vision

All countries have **strong political support for geodesy**

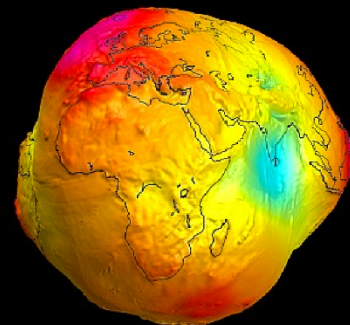
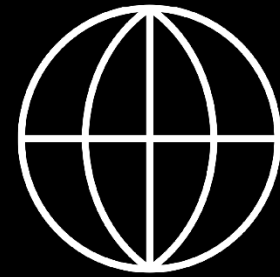
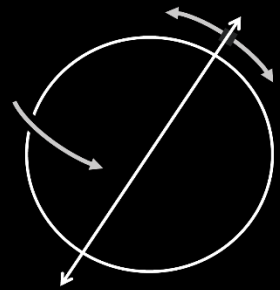
- which enables them to – together – accelerate the achievements of the Sustainable Development Goals
- derive social, environmental and economic benefits



# Geodesy Ground Stations Observations



# Data Collection and Analysis



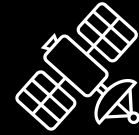
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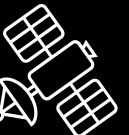
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# Satellite Intelligence

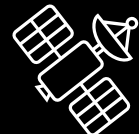
GNSS



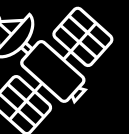
Safety of life



Communications



EO



# Space Based Delivery



Video source: Vecteezy.com

Deutsches Zentrum für Luft- und Raumfahrt (DLR)

# Strategic Objectives (What we will do)

Work with Member States and geodetic organizations to strengthen our collective impact to:

- Enhance **investment** in the global geodesy supply chain.
- Improve **coordination** and **collaboration** amongst Member States and geodetic organizations.
- Share geodetic data and improve **standards**, on a voluntary basis,
  - to contribute to the global reference frame and regional densifications.
- Provide greater technical **assistance**
  - especially for capacity development in geodesy for developing countries.
- Make geodesy and its benefit more **visible** and understandable to society.



# Operating Plan (How we will do it)

- **Evidence:** Improve the evidence Member States need to quantify the importance of geodesy for societal, environmental and economic benefits to enable them to develop strong business cases to improve weak links in the geodesy supply chain.
- **Resources:** Increase in dedicated people and funding to achieve global, regional, and national geodesy requirements.
- **Governance:** Strengthen international governance and institutional arrangements.
- **Capacity:** Enhance geodetic capacity and training opportunities in Member States, especially in developing countries.
- **Awareness:** Improve awareness of the importance of geodesy by policy makers in Member States.



# Think Global, Act Local



Stronger. Together.





# Priorities

## 1. Operationalize and sustain

- UN-GGCE Head of Office started on (07 Oct 2023)
- First Consultation Meeting (16-17 Oct 2023) with UN-GGCE team members
- French and Germany gov'ts – 14 Dec 2023
- German State Secretary – 11 Jan 2024
  - *“Who else is contributing?”*

## 2. Building evidence and awareness

- *“Hidden Risk: How a lack of resilience in the global geodesy supply chain poses risk to critical infrastructure and national economies”*



# Priorities

## 3. Joint Development Plan

- Present options and recommendations on how to improve resilience of the global geodesy supply chain
  - **Second Consultation Meeting** (15-18 Nov 2023)
  - **“Listening World Tour” IAG** (28 Nov 2023)
  - **“Listening World Tour” Americas** (29 Nov 2023)
  - **“Listening World Tour” Asia-Pacific** (31 Jan 2024)
  - **“Listening World Tour” Arab States** (4-8 Feb 2024)
  - **“Listening World Tour” Europe** (16 Feb 2024)
  - **“Listening World Tour” FIG, IHO, ISO** (20 Feb 2024)
- Draft user needs assessment and draft Joint Development Plan structure presented to 2nd UN-GGCE International Advisory Committee (IAC) Meeting in March 2023
- Joint Development Plan presented to 14<sup>th</sup> session of UN-GGIM Committee of Experts



# AGENDA #6 – UNITED NATIONS GEOSPATIAL CENTRES OF EXCELLENCE

Brief updates from Heads of UN-GGKIC and UN-GGCE

*Items for consideration -*

- Governance, strategy, plan of work and proposed activities for 2024 including reporting to the Committee of Experts
- Contribution to expand the global Geospatial Information Management capacity and capability in countries, especially developing countries

Brief update by the General Authority for Survey and Geospatial Information, Saudi Arabia, on its initiative to establish the Global Geospatial Ecosystem Centre

*Item for consideration –*

- Main areas of focus and avoidance of duplication

General item for consideration

- Cooperation and coordination between these centres





**UN-GGIM Expanded Bureau Meeting**  
**January 24, 2024**  
**Aguascalientes, Mexico**

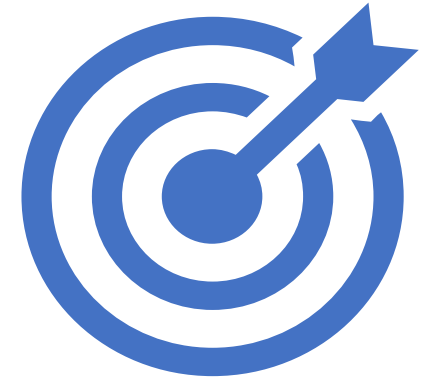
# **Status of the UN Global Geospatial Ecosystem Centre of Excellence in Riyadh**

**Dr. Eng. Mohammed Alsayel**  
**Kingdom of Saudi Arabia**

# Response to the Offer to the United Nations to Establish a United Nations Global Geospatial Ecosystem Centre of Excellence in Riyadh, Kingdom of Saudi Arabia

## **The Decision**

...in making decision 13/101(e) at its thirteenth session, the Committee of Experts unanimously “welcomed and supported the commitment from the Kingdom of Saudi Arabia to host and establish a United Nations Global Geospatial Ecosystem Centre of Excellence in Riyadh, Kingdom of Saudi Arabia.” With this, the establishment of the Centre of Excellence has now been mandated by the Committee of Experts...



# Current Efforts on the UN Centre of Excellence in Riyadh

The GGIM Bureau and Secretariat are working with the Kingdom of Saudi Arabia to clarify and refine the scope and remit of the Centre to:



01

Ensure it aligns with the work programme of the Committee of Experts;

02

Complements the activities and established agendas of the UN Centres in Deqing and Bonn in order to avoid duplication;

03

Establish means to cooperate and coordinate between the three Centres of Excellence to foster success.

# A Path Forward on the UN Centre of Excellence in Riyadh

- The Committee of Experts “noted the relevance of the future geospatial ecosystem to the commitment from the Kingdom of Saudi Arabia to host and establish a United Nations Global Geospatial Ecosystem Centre of Excellence in Riyadh...”
- Discussions between the Government of the Kingdom of Saudi Arabia and the United Nations are underway to contribute to:
  - A Host Country Agreement
  - A Memorandum of Understanding



# Goals of the UN Centre of Excellence in Riyadh

01

To work towards the ambitions of implementation of the UN-IGIF by Member States



02

To integrate and harmonize various components of the geospatial ecosystem including:

- Required innovation, leadership, coordination and standards to develop, strengthen, integrate and deliver national geospatial policy, data, systems, tools, services and capabilities into their national government development policies, strategies, and arrangements.



03

To establish a sustainable and internationally appropriate Geospatial Ecosystem.





# Why the UN Centre Strengthens and Advances Geospatial Information Management

To strengthen and advance capacity development capabilities of Member States, especially developing countries

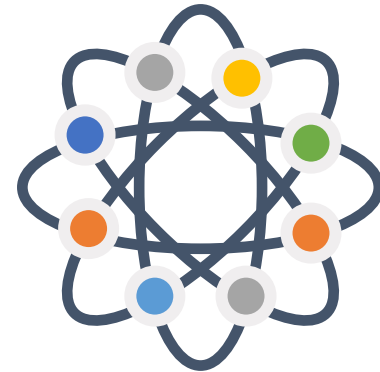
To strengthen the Geospatial Ecosystem of Member States by:

- Establishing and operating the United Nations Global Geospatial Ecosystem Centre of Excellence
- To advance implementation of a core function of UN-GGIM

Capacity development capabilities of Member States, especially developing countries, to strengthen Geospatial Ecosystem of Member States, by establishing and operating United Nations Global Geospatial Ecosystem Centre of Excellence, to advance implementation of a core function of UN-GGIM

# How the UN Centre Strengthens and Advances Geospatial Information Management

- By mobilizing, catalyzing, and facilitating access to global financial, technical, and scientific resources that are needed to:
  - Promote, monitor, and assess the implementation of national geospatial ecosystems including:
    - General principles
    - Frameworks
    - Guides
    - Standards and methods
    - Promoting applications of geospatial information in other fields





**UN-GGIM Expanded Bureau Meeting**  
**January 24, 2024**  
**Aguascalientes, Mexico**

**Thank You!**

**Mohammed Alsayel**  
**Kingdom of Saudi Arabia**

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*Item for consideration –*

- Main areas of focus and avoidance of duplication

General item for consideration

- Cooperation and coordination between these centres



# AGENDA #7 – UNITED NATIONS INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK

Co-Chairs of the HLG-IGIF to report on key outcomes and decisions from its third plenary meeting from 22 – 23 January including highlights to support countries to operationalize the UN-IGIF at their country-level

## Matters for consideration:

- the urgency and additional resources to refine, finalize, publish the UN-IGIF suite of documents, including the Overarching Strategy, the Implementation Guide and addenda, and the resource materials to support the development of country-level Action Plans

Allowing countries to grow their geospatial resources, capacities and capacities and for their nationally integrated geospatial information management to enhance their value and recognition



UN-GGIM

United Nations Secretariat  
Global Geospatial Information Management

*Positioning geospatial information to address global challenges*

[ggim.un.org](http://ggim.un.org)

# AGENDA AND ORGANIZATION OF THE MEETING

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- 10) Geospatial information for climate and resilience
- 11) Future Geospatial Information Ecosystem
- 12) Contribution of thematic networks to the global geospatial information agenda
- 13) Overview of the preparation for the fourteenth session as well as expert, plenary and regional meetings, international seminars and forums, and expert consultations
- 14) Other matters
- 15) Summary, next steps and close



# AGENDA #8 – CONTRIBUTION OF REGIONAL COMMITTEES TO THE GLOBAL GEOSPATIAL INFORMATION AGENDA

## The Committee of Experts, at its thirteenth session, in decision 13/102

- (b) Also welcomed and recognized the efforts of the regional committees to strengthen engagement and alignment among the five regions, through effective communication and collaboration, increased awareness, sharing of knowledge, experiences, good practices, tools and technical experience, and **interregional capacity-development initiatives to strengthen national geospatial information management** to further Member States' abilities to leverage the benefits of geospatial information, technology and innovation;
- (c) Appreciated the commitment of the regional committees to bring their regional perspectives and related strategies to the global level and to support the alignment, dissemination and implementation of the programme of work, global frameworks and guidelines to advance the work of the Committee of Experts, while focusing on **regional priorities and strengthening regional capacities**;

## Brief updates from Chairs and Presidents of Regional Committees

- UN-GGIM: Africa
- UN-GGIM: Americas
- UN-GGIM-AP
- UN-GGIM: Arab States
- UN-GGIM: Europe



# UN-GGIM: Europe Strategy



**UN-GGIM**  
**EUROPE**

UNITED NATIONS  
COMMITTEE OF EXPERTS ON  
GLOBAL GEOSPATIAL  
INFORMATION MANAGEMENT

Frank Tierloff  
Co-chair GGIM: Europe

Meeting of the Expanded Bureau  
24 January 2024





# UN-GGIM: Europe Executive Committee



## Co-Chairs

**David Henderson**

United Kingdom

**Frank Tierloff**

The Netherlands

## Vice-Chair

**Francisco Vala**

Portugal

## Members

**Ingrid Vanden Berghe**

Belgium

**Paul Becker**

Germany

**Tomaz Petek**

Slovenia

**Janusz Dygaszewicz**

Poland

**Darko Vucetic**

Serbia

**Susanne Ås Sivborg**

Sweden



UN-GGIM: EUROPE

UNITED NATIONS COMMITTEE OF EXPERTS ON  
GLOBAL GEOSPATIAL INFORMATION MANAGEMENT



# UN-GGIM: Europe Strategy and Work Plan

The refreshed strategy of UN-GGIM: Europe was adopted at the Eighth Regional Plenary. Work has since then turned to designing and implementing a Work Plan to achieve the Strategy.

## Regional Strategy

### Vision & Mission Statement

Building on the overarching vision of UN-GGIM of *positioning geospatial information to effectively address global challenges*, UN-GGIM: Europe mission is:

***Maximise the use of geospatial information in Europe for a safer and more sustainable world.***

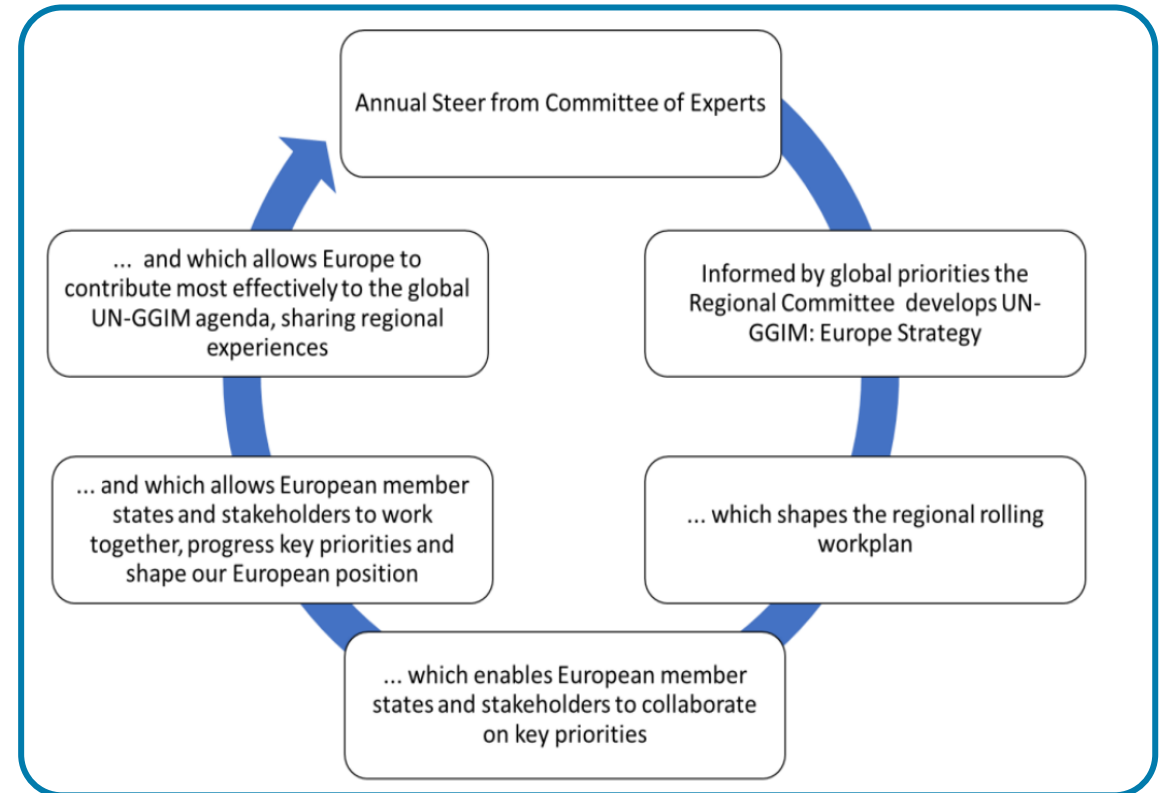
***Through identifying opportunities, understanding and solving common challenges across the Europe Region. By collaborating with partners to enhance the use of geospatial data and its integration with statistics to inform and drive action.***

Sharing  
knowledge

Raising  
awareness

Strategic  
leadership

## Work Plan



# The Strategy is structured around three pillars

|        |   |   |   |
|--------|---|---|---|
| Pillar | Sharing knowledge   | Raising awareness   | Strategic leadership  |
| Aim    | Providing the tools for society                                       | Bringing everything and everyone together                             | Providing strategic alignment, and showcasing the added value |
| Focus  | Prioritising contributions and informing the work plan to take action | Determining relevant partnerships and initiative to leverage the work | Setting out the core areas of work focus                      |



# The Strategy is delivered through a Work Plan

*blueprint that facilitates the collaboration of European Member States, European Institutions and observer bodies to work together to progress key priorities that are relevant to the region*

## Integrated Geospatial Information Framework

- Provides support and input to European Members of the HLG-IGIF
- Contribute to the global tasks of HLG-IGIF making sure regional concerns are raised and addressed
- Understand issues and obstacles the Regional Members may face when looking to implement IGIF

## Geodetic Reference Frames

- Contribute to the activities of the Subcommittee of Geodesy
- Focus on growing and sustaining the geodesy profession

## Sustainable Development Goals

- Showcasing the added value of integrating geospatial data with other data to address SDG indicators
- Explore further requirements and practices on the use and integration of Earth Observation data

## Data Strategy and Policy

- Contribute to the development of relevant policy and data strategies
- Understand the links between European policy and the IGIF

## Data Integration

- Maintain the active contribution on data methods and showcasing the value of integrating geospatial data with other data
- Explore ways to support activities promoting geospatial and statistical data integration



# DASHBOARD | IMPLEMENTING THE WORK PLAN

This dashboard presents three sets of Key Performance Indicators (KPI) on the implementation of the five lines of work identified in UN-GGIM: Europe Work Plan 2022. It follows a traffic-light system of evaluation: **round green light** - KPI has been achieved; **triangle yellow light** - KPI in progress; **round blank circle** - activity has not started yet; **diamond red light** - KPI has not been achieved.

|   | IGIF                                      | GRF | DI | SDG | DS&P |   |
|---|---|-----|----|-----|------|---|
|  <p><b>Kick-off activities</b></p> | Has a WG/CoI Lead been defined?           | ●   | ●  | ●   | ●    | ● |
|   | Have the ToR been drafted?                | ●   | ●  | ●   | ●    | ▲ |
|   | Has the Concept Note been drafted?        | ●   | ▲  | ●   | ●    | ▲ |
|   | Has a kick-off meeting taken place?       | ●   | ●  | ●   | ●    | ● |
|   | Has a scoping paper been drafted?         | ●   | ▲  | ●   | ●    | ▲ |
|   | Has a shared workspace space been set up? | ●   | ●  | ●   | ●    | ▲ |
| Additional update   |   |     |    |     |      |   |
|  <p><b>Engagement</b></p>        | No. of active participants                | 25  | 24 | 53  | 43   | 8 |
|   | No. of Member States                      | 18  | 14 | 22  | 16   | 6 |
|   | No. of Observers                          | 3   | 0  | 6   | 5    | 2 |



This dashboard presents three sets of Key Performance Indicators (KPI) on the implementation of the five lines of work identified in UN-GGIM: Europe Work Plan 2022. It follows a traffic-light system of evaluation: **round green light** - KPI has been achieved; **triangle yellow light** - KPI in progress; **round blank circle** - activity has not started yet; **diamond red light** - KPI has not been achieved.

## Line of Work - Data Integration



|   |   |
|---|---|
| No. of web/physical meetings                  | ● |
| No. of webinars                               | ● |
| No. of webinar summary reports                | ▲ |
| Has an online dissemination page been set up? | ● |
| No. of conferences/workshops/seminars         | ○ |

All three planned webinars have been conducted  
Two of three webinar evaluation reports have been compiled so far

## Line of Work - SDG



|   |   |
|---|---|
| No. of web/physical meetings                  | ● |
| No. of webinars                               | ● |
| No. of webinar summary reports                | ▲ |
| Has an online dissemination page been set up? | ● |
| No. of conferences/workshops/seminars         | ○ |

All four planned webinars have been conducted  
Two of four webinar evaluation reports have been compiled so far



## Community of Interest - IGIF



Implementation  
of activities

- Initial activities discussed and agreed
- Identify sub-group leads for initial activities
- Regular meetings with HLG-IGIF Working Groups
- Design webinar series
- Contribute to HLG-IGIF tasks



Good progress has been made in the first seven meetings.  
A key milestone was the delivery of the first webinar in the webinar series  
It is encouraging to see the growth in Membership of the group.

## Community of Interest - GRF - Europe



Implementation  
of activities

- Has an online dissemination page been set up?
- Kick-off meeting (new LoW)
- No. of web/physical meetings



First meeting 24/03/2023 to determine focus for Europe.  
Activities will be agreed upon together with scoping paper.  
Quite some interested members after presentation at EUREF23 Gotheborg.  
Development work plan on hold until alignment with activities UN-GGCE Bonn possible.



This dashboard presents three sets of Key Performance Indicators (KPI) on the implementation of the five lines of work identified in UN-GGIM: Europe Work Plan 2022. It follows a traffic-light system of evaluation: **round green light** - KPI has been achieved; **triangle yellow light** - KPI in progress; **round blank circle** - activity has not started yet; **diamond red light** - KPI has not been achieved.

## Line of Work - Data Strategy & Policy



No. of web/physical meetings



Engaging with regional stakeholders



Has an online dissemination page been set up?



ToRs agreed by the LoW

Participating in the INSPIRE Conference





Thank you for your attention



**UN-GGIM**  
**EUROPE**

UNITED NATIONS  
COMMITTEE OF EXPERTS ON  
GLOBAL GEOSPATIAL  
INFORMATION MANAGEMENT



# AGENDA #8 – CONTRIBUTION OF REGIONAL COMMITTEES TO THE GLOBAL GEOSPATIAL INFORMATION AGENDA

## Items for discussions:

- Priorities, regional realities and inter-regional coordination efforts
- Challenges in providing resources and capacity to support and strengthen national geospatial leadership in their region
- Reporting to the Fourteenth Session



# AGENDA #9 – OTHER FUNCTIONAL GROUPS AND SUBSTANTIVE AGENDA OF THE COMMITTEE OF EXPERTS

## Agenda items of the Fourteenth session:

8. *Global geodetic reference frame.*
9. *Geospatial information for sustainable development.*
10. *Geospatial information for climate and resilience*
11. *Integration of geospatial, statistical and other related information.*
12. *Integrated geospatial information for effective land administration and management.*
13. *Integrated marine geospatial information.*
14. *Policy and legal frameworks, including issues related to authoritative data.*



## AGENDA #10 – GEOSPATIAL INFORMATION FOR CLIMATE AND RESILIENCE

### The Committee of Experts, at its thirteenth session, in decision 13/107

(e) Supported elements of all three options as presented in the discussion paper, namely: (i) **establish a task team** under the purview of the Committee of Experts to strengthen interlinkages between geospatial, statistical, climate and other relevant communities and organizations of the United Nations system; (ii) **convene an appropriate and relevant international forum** or event on geospatial information for climate resilience that brings relevant stakeholders together to establish an effective programme of work; and (iii) **develop a more detailed concept paper** that expands on the relevant initiatives, activities and frameworks under the purview of the Committee of Experts;

(f) Welcomed the multiple offers by Member States to support and contribute to the three options, and invited the Bureau and the Secretariat to **work with Member States to determine the modalities for implementing the three options and to report back on progress at the fourteenth session** of the Committee of Experts, in 2024, potentially under a **dedicated agenda item so as to not burden the programme of work** of the working group on geospatial information of the Inter-Agency and Expert Group.





# Current Membership & Leadership

## Member States

- Argentina
- Australia
- Austria
- Bahamas
- **Barbados** (co-Convenor)
- Brazil
- Canada
- Chile
- Ethiopia
- Germany
- Mexico
- Mozambique
- Nepal
- Singapore
- South Africa
- **Tonga** (co-Convenor)
- Turkey
- **United Kingdom** (co-Convenor)
- United States of America



Mr David McCollin, Chief Surveyor  
Lands and Surveys Department  
**Barbados**



Mr Viliami Folau, Deputy Chief Executive Officer  
Ministry of Lands & Natural Resources  
**Tonga**



Mr David Henderson, Chief Geospatial Officer  
Ordnance Survey  
**United Kingdom**





## A Concept Paper on Geospatial Information for Climate Resilience

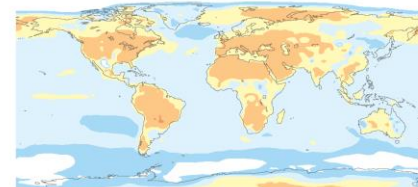


## Capturing Country Experiences

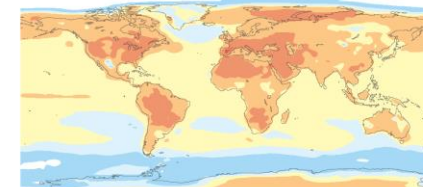
### FAQ3.1: Impact of 1.5°C and 2.0°C global warming

Temperature rise is not uniform across the world. Some regions will experience greater increases in hot days and decreases in cold nights than others

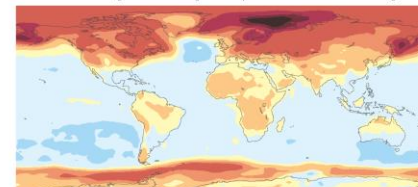
+ 1.5°C: Change in average temperature of hottest days



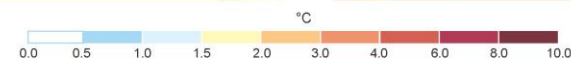
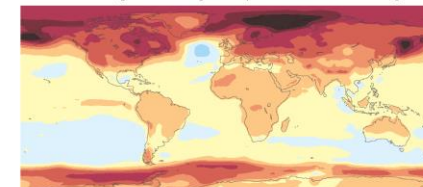
+ 2.0°C: Change in average temperature of hottest days



+ 1.5°C: Change in average temperature of coldest nights



+ 2.0°C: Change in average temperature of coldest nights

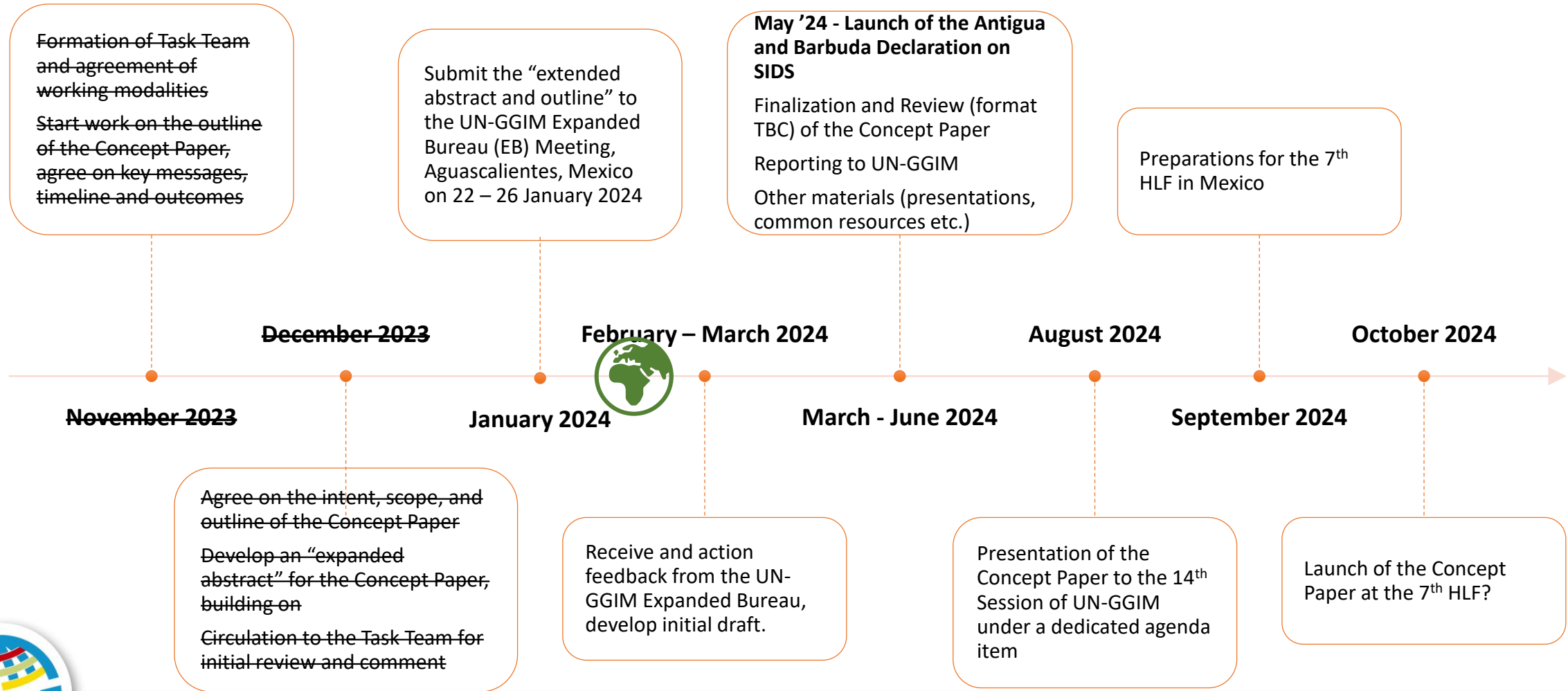


<https://www.ipcc.ch/sr15/chapter/>





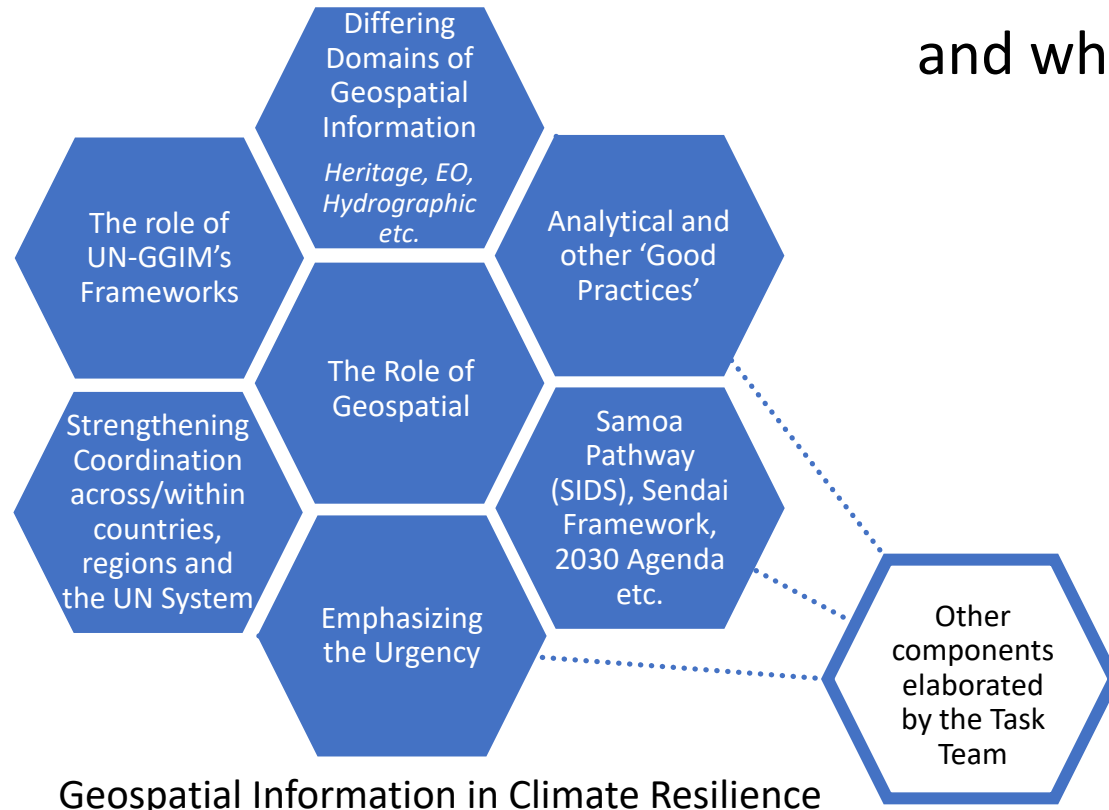
# Timeline





# Scope

We need to define the scope – what this group is... and what it isn't.



## Assumptions

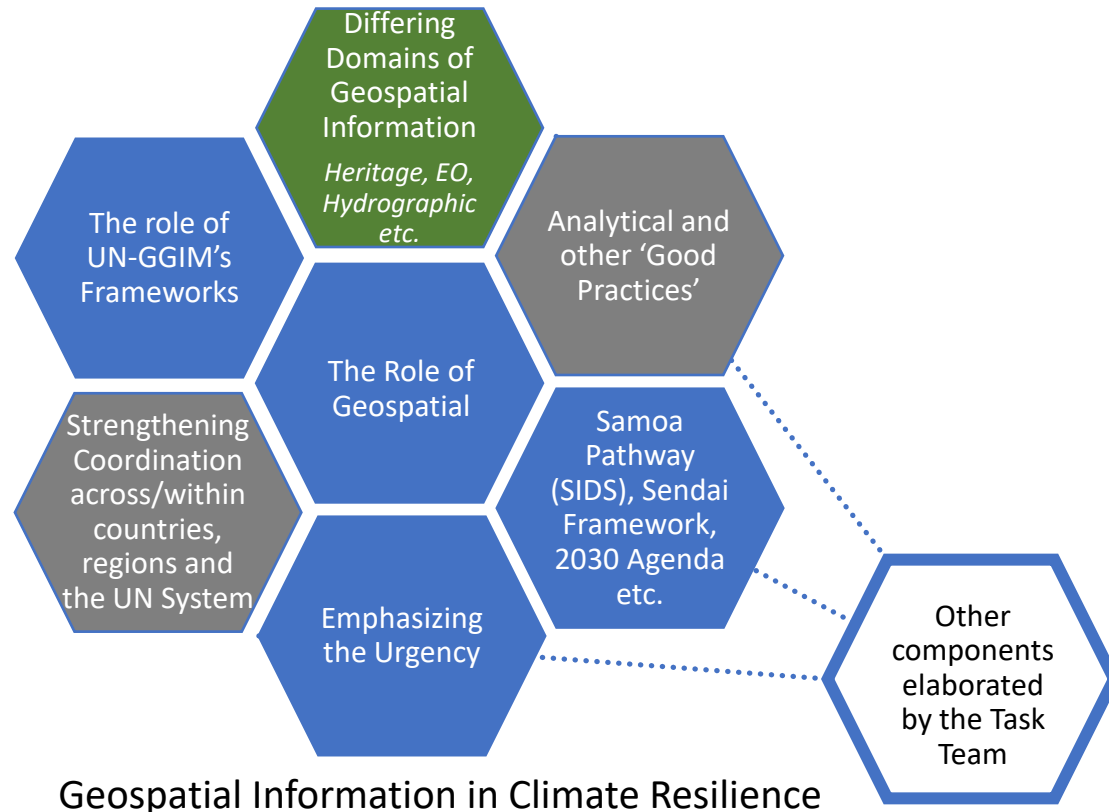
- We are not defining climate resilience but know where we can shape and influence UN-GGIM, using the Committee of Experts and Secretariat appropriately.







# Concept Paper: Substance

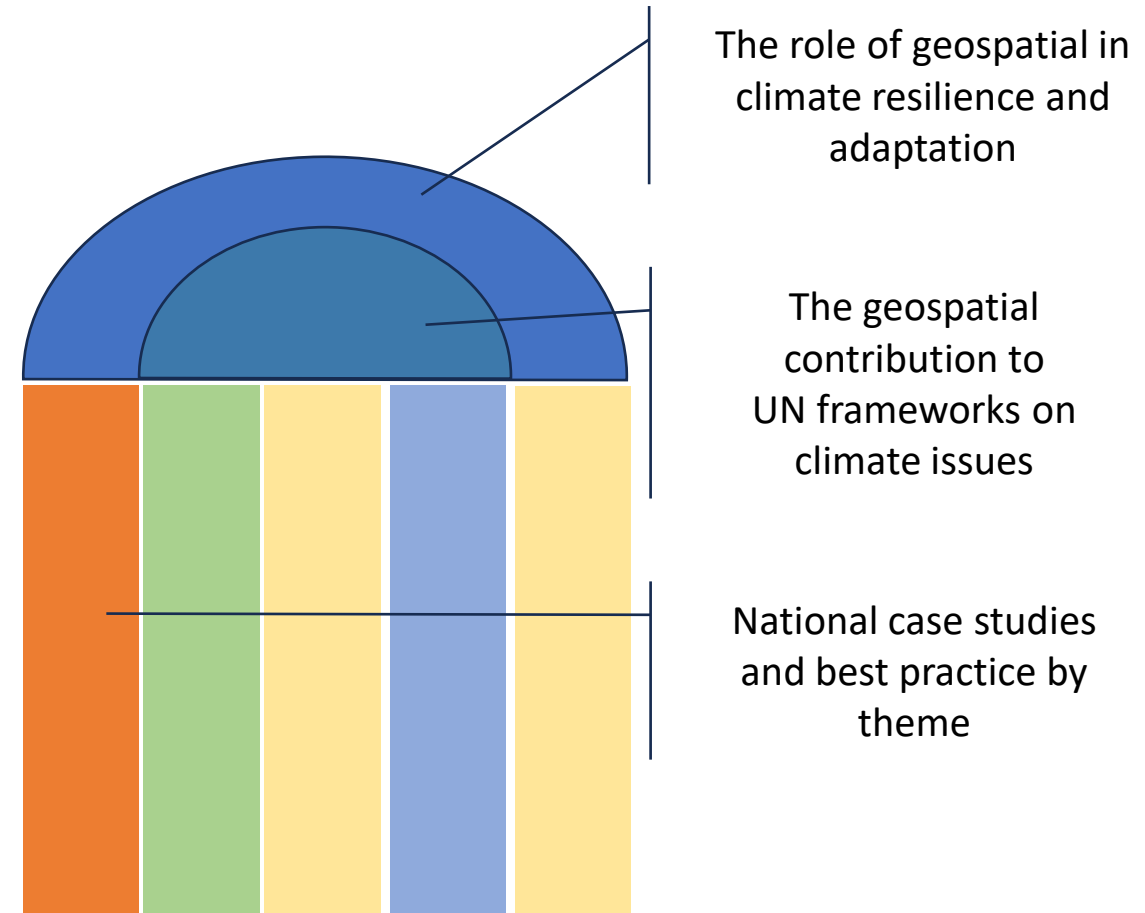


- Emphasize that acting on climate resilience is imperative and critically important to raise awareness of the potential of geospatial information for climate resilience
- Expand on the relevant initiatives, activities, and frameworks under the purview of the Committee of Experts



# Concept Paper: Proposed Structure

- A high-level restatement of the value of geospatial to climate resilience and the role of NGIAs in producing authoritative, trusted data
- A specific section highlighting the role of geospatial information for climate resilience across and within Member States, UN-GGIM regions and the UN system
- A selection of practical case studies that help support the good cases of how the UN-IGIF is used

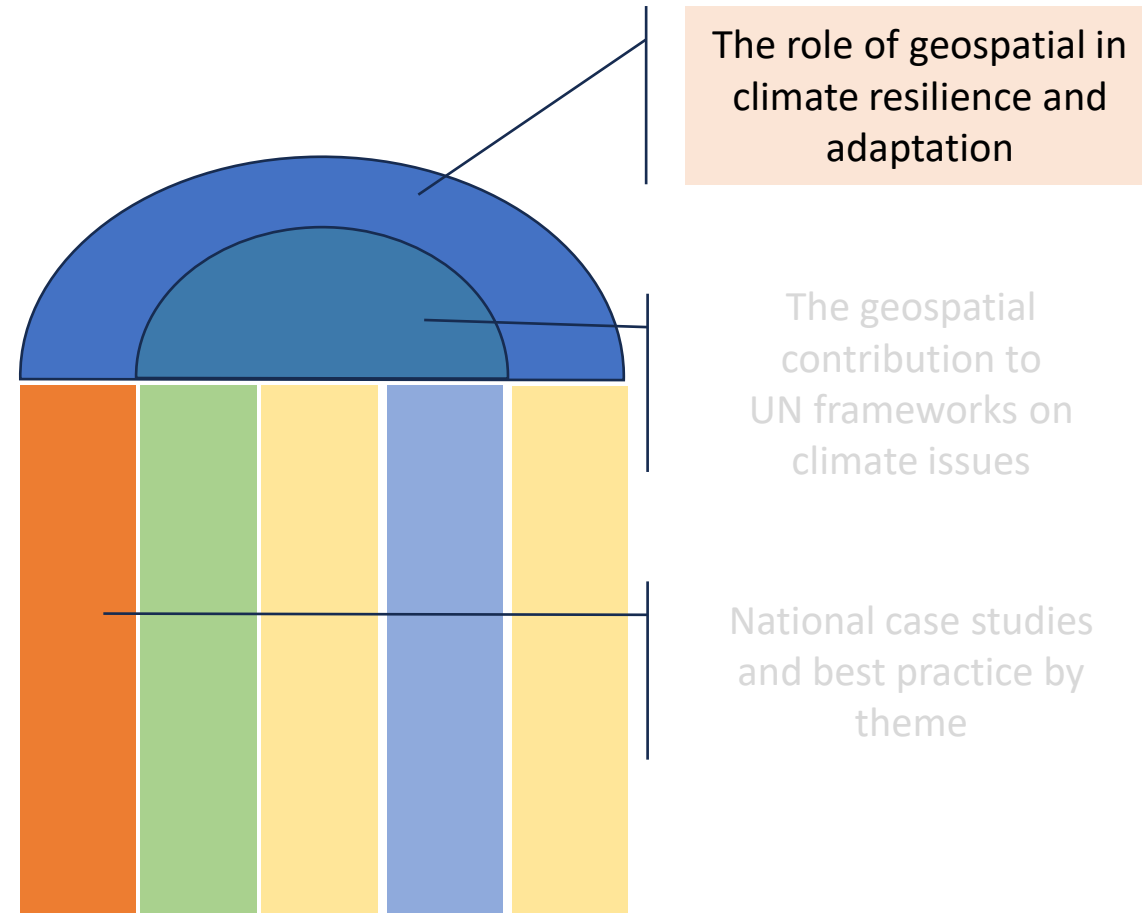


# Concept Paper: Proposed Structure

## 1. Introduction

## 2. The Need of Geospatial Information for Climate Resilience

- **Geospatial information and management for adaptation and resilience**
- **Measuring and Monitoring**  
*(Greenhouse gas (GHG) emissions; ascertaining the impacts of climate change; measuring and modelling land use and land cover, inc. Data capture and Data Analysis & Science)*
- **The UN-IGIF as the anchor**  
*The Role of UN-GGIM's frameworks and policies in achieving the Samoa Pathway (SIDS), Sendai Framework, Paris Agreement, 2030 Agenda*
  - *UN-Integrated Geospatial Information Framework, the Integration of geospatial, statistical and other related information (inc. Human and Physical Geographies; Role of Geodesy; and Role of Standards & Metadata)*
- **Defining the potential successes and risks (inc. Resourcing change)**



# Concept Paper: Proposed Structure

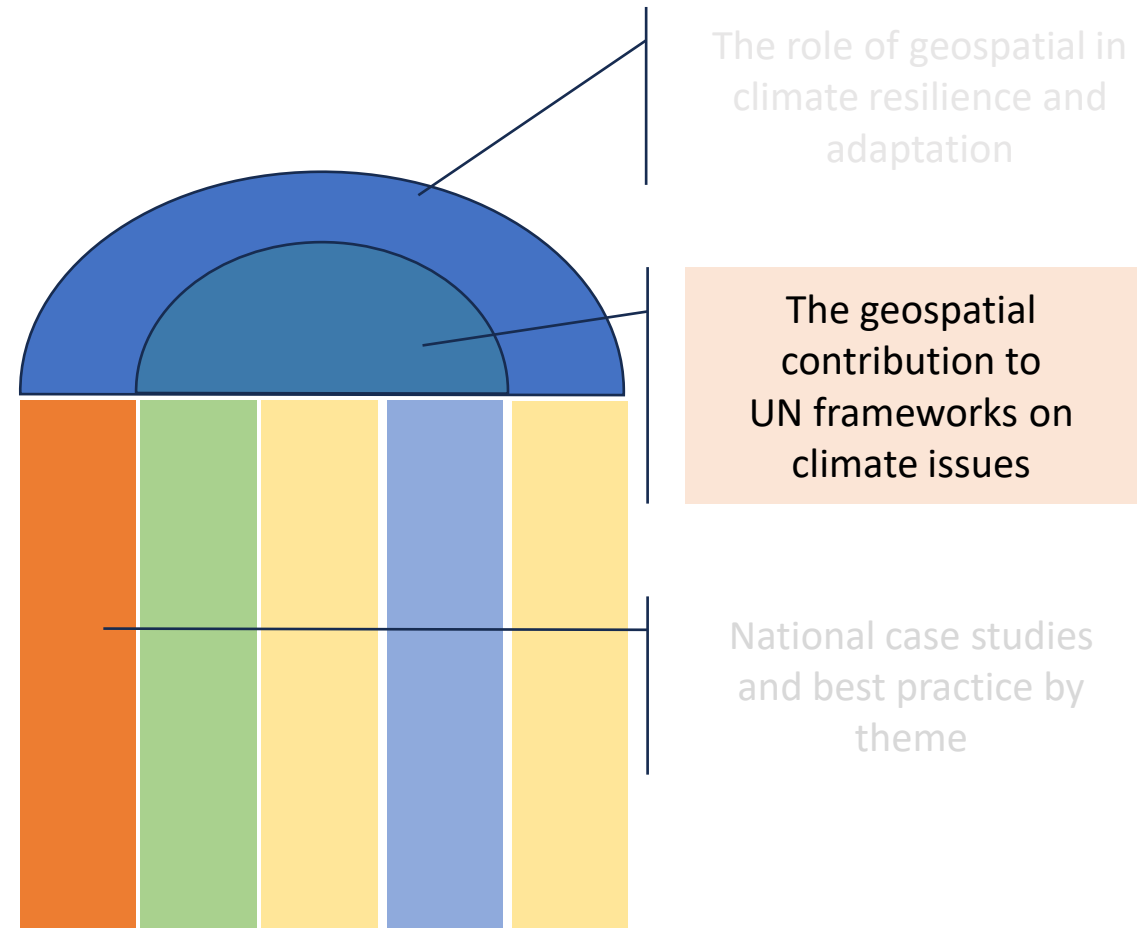
## 3. Enabling Global to Local Decision-Making – Local to Global Impact

### I. UN-GGIM as a Coordinating Mechanism

- *Within the UN System*
- *Inter-regional collaboration*
- *Across Functional and Thematic Groups*
- *Across other domains and communities*

### II. Multilateral Collaboration

- *Working with global organisations*
- *Working with regional bodies*



# Concept Paper: Proposed Structure

## 4. Geospatial Information as a Foundation for Climate Resilience Partnerships

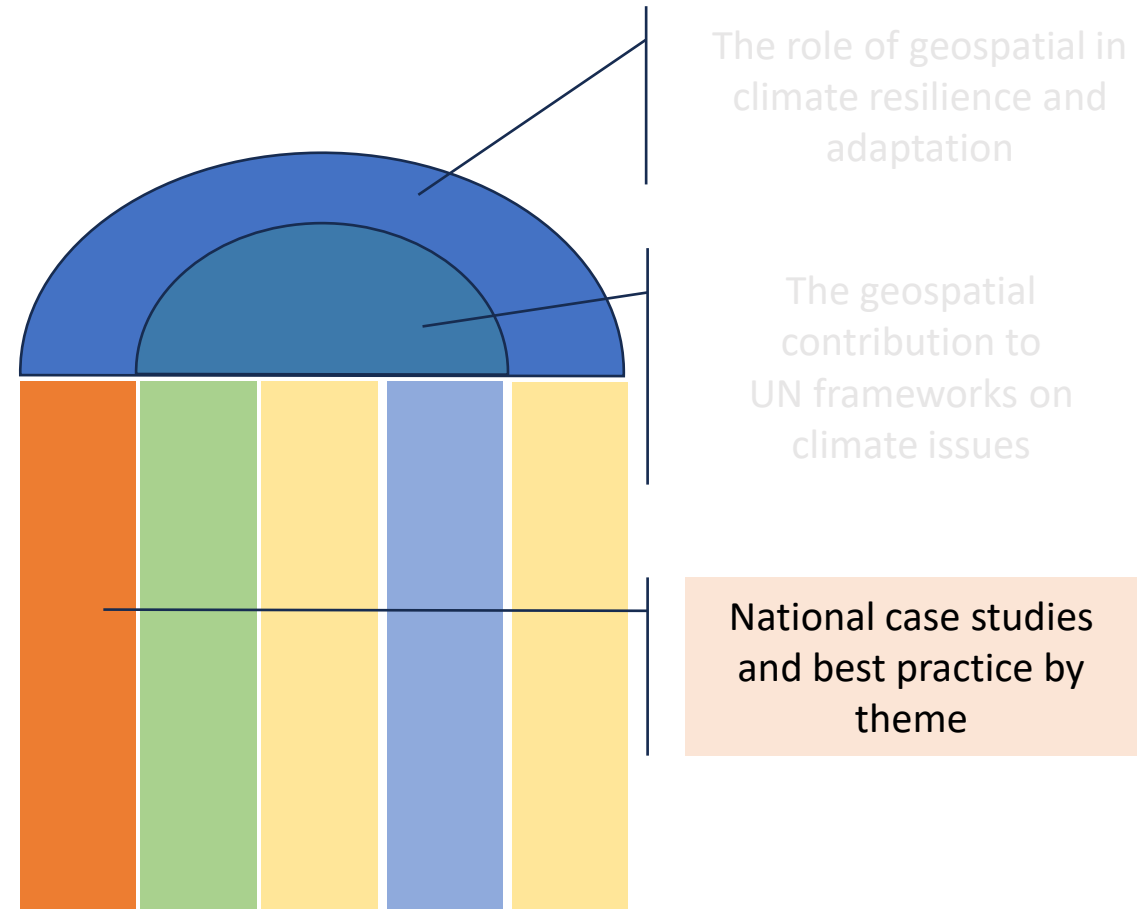
### I. *Geospatial information and management for adaptation and resilience*

*Case Studies: Sea-Level Changes; Land Administration*

### II. *Geospatial information and management for climate impact*

*Case Studies: Understanding impacts, the Marine Domain etc.*

## 5. *Summary: 'Enabling action: Accelerating implementation, achieving resilience'*





# Task Team on Geospatial Information for Climate Resilience

To respond to UN-GGIM decision 13/107 (i), the Task Team on Geospatial Information for Climate Resilience (TT-GICR) has been established by a group of Member States and members of the Committee’s functional groups and thematic networks and is convened by Barbados, Tonga, and the United Kingdom. The TT-GICR is working to expand on the recommendations and potential actions captured in the Discussion Paper “Geospatial Information for Climate Resilience - What Does UN-GGIM Do?”

Thus, a discussion paper is intended to be submitted as a background document under the Agenda Item “Geospatial information for climate and resilience” at the forthcoming fourteenth session of UN-GGIM on 7-9 August 2024.

In participatory meetings, the TT-GICR has identified a scope of work, focused on a discussion paper (an initial outline prepared). To guide the work of the TT-GICR, with the support of the Secretariat, the TT-GICR has also agreed on a basic Terms of Reference. The TT-GICR intends to finalise its work over the intersessional period and present the discussion paper to the fourteenth session of the Committee of Experts on 7-9 August 2023.



# AGENDA #10 – GEOSPATIAL INFORMATION FOR CLIMATE AND RESILIENCE

The task team on climate resilience requests the Bureau to consider -

1. The progress of the Task Team since the thirteenth session and **approve** the Terms of Reference.
2. Note the expanded abstract [provided] and **provide feedback** on its structure.
3. Consider the outcomes of the Task Team as **inputs to the Seventh High Level Forum**.
4. Consider mechanisms to increase engagement with SIDS including inputs to the Fourth International Conference on SIDS.



# AGENDA #10 – GEOSPATIAL INFORMATION FOR CLIMATE AND RESILIENCE

## The Expanded Bureau may wish to note –

**Climate** - Climate is the average weather conditions for a particular location over a long period of time, ranging from months to thousands or millions of years (World Meteorological Organisation, 2024).

**Climate change** - A change of climate which is attributed directly or indirectly to human activity that alters the composition of the global atmosphere and which is in addition to natural climate variability observed over comparable time periods (United Nations Framework Convention on Climate Change, 1992).

**Resilience** - The ability of a system, community or society exposed to hazards to resist, absorb, accommodate, adapt to, transform and recover from the effects of a hazard in a timely and efficient manner, including through the preservation and restoration of its essential basic structures and functions through risk management (United Nations Office for Disaster Risk Reduction, 2015).

*As outlined by the Centre for Climate and Energy Solutions, building resilience requires understanding of the potential threats and vulnerabilities caused by an event or hazard, as well as an understanding of the likelihood, impact and consequences of it. Threats are potential actions that may cause damage or danger, whereas vulnerability is the degree of exposure to potential damage from the threat if it is to occur (Centre for Climate and Energy Solutions, 2019).*

**Resilience is interlinked** - Climate resilience, disaster resilience and ecological resilience are closely interlinked and, in many cases, will require similar data to assess risk and vulnerability and inform decision-making.





# AGENDA #10 – GEOSPATIAL INFORMATION FOR CLIMATE AND RESILIENCE

## Climate and resilience under the Committee of Experts

**Observation: Leading on geospatial information for climate and resilience and developing an overarching programme of work to support this could be a valuable way to boost the profile and strengthen understanding of the work of the Committee of Experts across a range of sectors.**

- This provides an opportunity for the Committee of Experts to plan, group and consolidate its climate-related work strategically and in a more streamlined manner.

**Observation: Creating separate streams under a new agenda item for the Committee of Experts to discuss ‘climate’ and ‘resilience’ at future sessions could be useful to strengthen coordination and coherence of the UN-GGIM’s climate-related work.**

- This should help to improve coordination and coherence, identify synergies across work programs, frameworks and functional groups, and address any duplication of efforts.



# AGENDA #10 – GEOSPATIAL INFORMATION FOR CLIMATE AND RESILIENCE

**Observation: Taking a ‘joined up’ approach to resilience under the Committee presents an opportunity to identify common data needs across this work and potentially reduce duplication of effort.**

- Climate resilience, disaster resilience and ecological resilience are linked and, in many respects, require similar data to assess risk and vulnerability.
- A joined-up approach creates an avenue to consider the intersection between geospatial information and ‘resilience’ more wholistically – including societal and economic resilience.
- A joined-up approach provides an avenue to share information across sectors and develop shared goals, aims and objectives to support the identification of risks, threats and vulnerabilities of both natural and human-induced hazards.



## AGENDA #10 – GEOSPATIAL INFORMATION FOR CLIMATE AND RESILIENCE

**Observation: Including ‘biodiversity’ and ‘environment’ considerations under the Committee of Experts’ work stream on ‘climate’ and ‘resilience’ could result in greater understanding of the commonalities in the use of, and requirements for, geospatial data in both environment and climate-related decision-making.**

- There are extensive geospatial information needs associated with agreements such as the Convention on Biological Diversity and the Kunming-Montreal Global Biodiversity Framework, the United Nations Convention to Combat Desertification as well as the new agreement on the conservation and sustainable use of marine biodiversity of areas beyond national jurisdiction (BBNJ).
- It would reflect understanding of the triple planetary crisis which includes biodiversity loss and pollution.
- Considering common data needs with a view to ‘map once, use many times’ would be useful.



# AGENDA #11 – FUTURE GEOSPATIAL INFORMATION ECOSYSTEM

## The Committee of Experts, at its thirteenth session, in decision 13/104

(c) Agreed that the definition and development of future geospatial ecosystems was **an opportune activity** for the Committee of Experts to undertake but that it required **further scoping and consensus to identify and describe what the foundations of future geospatial ecosystems would encompass** within the purview of the Committee, and in that regard suggested that further structure and detailed work on defining the Committee's understanding could take place and progress into **general principles**, and that the further work on the concept should emphasize that **geospatial information is an integrated component in different digital ecosystems and in many cases is not an ecosystem in itself**;

(d) Supported the proposals to progress with **option 2a set out in the report**, namely, to entrust the Bureau, supported by a **writing team, with developing a position paper on determining the scope and an outline on the fundamental elements and principles of the future geospatial information ecosystem** for the consideration of the Committee of Experts at **its fourteenth session**, and welcomed the multiple offers by Member States to support the Bureau;

(e) Reiterated the need to **reduce the growing geospatial digital divide** between developed and developing countries, to leverage existing exemplars and use cases within Member States, and to ensure that the **future geospatial ecosystem gives priority to the needs of developing countries and small island developing States**, including to keep promoting the systematic and comprehensive frameworks that make geospatial data, services and technology available to decision makers;



# AGENDA #11 – FUTURE GEOSPATIAL INFORMATION ECOSYSTEM

## Items for Bureau's consideration -

- Note the offer of support (from interventions during the thirteenth session) offered by Australia, Austria, Canada, Colombia, Chile/Americas, Slovenia/Europe, Saudi Arabia, and thematic networks (Societies and Private Sector)
- Establish a writing team
- Preparation of a position paper on determining the scope and an outline on the fundamental elements and principles of the future geospatial information ecosystem

## *Proposed next steps:*

- Secretariat to hold virtual meeting to launch the Writing Team
- Writing Team composition are Member States who offered support and Bureau
- Outline a working terms of reference
- Prepare timeline to draft position paper including determining the fundamental elements and principles of the future geospatial information ecosystem to report at fourteenth session



# AGENDA #12 – CONTRIBUTION OF THEMATIC NETWORKS TO THE GLOBAL GEOSPATIAL INFORMATION AGENDA

**The Committee of Experts, at its thirteenth session, in decision 13/107**

(b) Appreciated the **increased collaboration and partnerships between the four thematic networks** and their collective efforts to achieve **common goals towards promoting and strengthening** the implementation of the United Nations Integrated Geospatial Information Framework and other global frameworks of the Committee of Experts;

Participating chairs of UN-GGIM: Geospatial Societies and UN-GGIM: Private Sector Network may wish to highlight efforts to promote and contribute to the global geospatial agenda and the Committee's operations focus on the SDGs and the UN-IGIF.



UN-GGIM

United Nations Secretariat  
Global Geospatial Information Management

*Positioning geospatial information to address global challenges*

[ggim.un.org](http://ggim.un.org)



**UN-GGIM**  
PRIVATE SECTOR NETWORK

# UN-GGIM Private Sector Network Report

By

**Dr Zaffar Sadiq Mohamed-Ghouse**

*HonFGCA FRGS FIEAust SMIEEE MAICD*

*Chair, UN-GGIM Private Sector Network*

**Extended Bureau Meeting**

Aguascalientes, Mexico, 24/January/2024



**UN-GGIM**  
PRIVATE SECTOR NETWORK

## UN-GGIM PSN: Purpose

This Private Sector Network (PSN) is **intended to facilitate direct connections and communication between the private sector and Member States** in order for the private sector to **collaborate** with the Member States on global geospatial initiatives.

The PSN shall facilitate ongoing collaboration between and among UN-GGIM members and PSN participants to **develop, build, and extend the world's capacity to benefit from geospatial information**, thereby enabling countries to develop capacity in geospatial information, technologies, and services.

**Recognising the private sector's expertise**, the PSN will create **opportunities for this expertise to assist the UN-GGIM in developing national, regional, and global policies, processes, practices, capacities, and recommendations** for geospatial information infrastructure.





## PSN Board Vision

**An active Private Sector Network (PSN)** of representatives working in a mutually beneficial collaboration with the members of UN-GGIM to play a leading role in setting the agenda for the development of global geospatial information and to promote its use to address key global challenges, enable citizen services and support the initiatives of the United Nations, particularly the global development agenda.

UNGGIM-PSN is voluntary self-organised group and shall have its own process and policies. Though UNGGIM Secretariat doesn't influence or interfere in day-to-day functioning, it's expected that PSN process and programs are compliant and aligned with UNGGIM goals and guidelines. Based on experiences and feedback PSN Secretariat provides the following for consideration by members and officials of PSN:

- **PSN members and officials should provide and commit sufficient time to lead and organize the activities of PSN.**
- **PSN members and officials should inbuild the cost of travel on their own to important UNGGIM Bureau meetings and regional meetings, respectively.**
- **PSN members and officials shall be conscious of any potential conflict of interest while representing PSN and engaging with member states.**

2023-2025

# LEADERSHIP OF UN-GGIM PSN

## PRIVATE SECTOR NETWORK BOARD

### Chair of the Board:



**DR. ZAFFAR SADIQ MOHAMED-GHOUSE**

Director, Advisory & Innovation  
AAM, a Woolpert Company  
Australia

Region: UN-GGIM Asia Pacific



### Deputy Chair of the Board:



**VALRIE GRANT**

Founder/Chairwoman, GeoTechVision, Jamaica

Region: UN-GGIM Americas



### UN-GGIM PSN Secretary:



**PETER TER HAAR**

Ter Haar Geoinnovation  
United Kingdom

Region: UN-GGIM Europe



### UN-GGIM PSN Secretariat:



**DR. SHIVANGI SOMVANSHI**

Director - Geospatial Knowledge Infrastructure, Geospatial  
World, India

Region: UN-GGIM Asia Pacific



### Board Members:



**NADINE ALAMEH, PH.D**

CEO, Open Geospatial Consortium, USA

Region: UN-GGIM Americas



**DEVLEENA BHATTACHARJEE**

CEO, Numer8 Analytics Pvt. Ltd, India

Region: UN-GGIM Asia Pacific



**ANAMIKA DAS**

Vice President - Product Management, Geospatial World,  
India

Region: UN-GGIM Asia Pacific



**WILLY GOVENDER**

CEO  
TERRA ANALYTICS, South Africa

Region: UN-GGIM Africa



**DR. KUMAR NUVULUR**

Sr. Director, Global Industry Business Development, Maxar  
Technologies, USA

Region: UN-GGIM Americas



**DR. SAAD ALHAMLAN**

CEO, Gravity Geospatial Services  
Saudi Arabia

Region: UN-GGIM Arab States



**BEN ADDOU IDRISSI KAMAL**

CEO, ETAFAT  
Morocco

Region: UN-GGIM Arab States



**PETER BAUMANN**

CEO, Rasdaman GmbH  
Bremen

Region: UN-GGIM Europe



**FELIX ORINA**

Managing Director, Orbital Africa  
Kenya

Region: UN-GGIM Africa



# Global Activities of UN-GGIM PSN

- Organised the GeoAI Online Survey in collaboration with UN-GGIM Academic Network
- Jointly organised a workshop at the 13<sup>th</sup> Session on GEOAI
- Paper on GeoAI co-authored with Academic Network to be published in 2024
- Presented, Business Models of Private Sector Engagement at the UN-GGIM Africa 2023 Plenary Meeting
- Presented, Role of PSN for Arab states at the 2023 Plenary Meeting
- Participation and contribution at the UN-GGIM sessions on Future of Geospatial Ecosystem
- Developing a position paper on PSN role in development and strengthening of IGIF



# Regional Activities of UN-GGIM PSN in 2023



**DR. ZAFFAR SADIQ MOHAMED-GHOUSE**

Director, Advisory & Innovation  
AAM, a Woolpert Company  
Australia

Region: UN-GGIM Asia Pacific



**VALRIE GRANT**

Founder/Chairwoman, GeoTechVision, Jamaica

Region: UN-GGIM Americas



**PETER TER HAAR**

Ter Haar Geoinnovation  
United Kingdom

Region: UN-GGIM Europe



**WILLY GOVENDER**

CEO  
TERRA ANALYTICS, South Africa

Region: UN-GGIM Africa



**DR. SAAD ALHAMLAN**

CEO, Gravity Geospatial Services  
Saudi Arabia

Region: UN-GGIM Arab States

UN GGIM Asia Pacific – Twelfth Plenary Meeting, 6-8 November 2023, Bali, Indonesia

- **Roles of Private Sector in Developing Geospatial Innovation Ecosystem**, presented at the side event of the plenary at the Asia Pacific Geospatial Forum
- Contribution to Working Group 4 on IGIF
- Establishment of a regional PSN committee for Asia Pacific

UN GGIM Americas – Tenth Plenary Meeting, October 2023, Headquarters of ECLAC.

- **Industry and academia bridge the gap**, Organized by Private Sector Network Americas (PSNA) and the Academic Network Americas (ANA)
- Organization of Carigeo
- Podcast of geospatial leadership

UN GGIM Americas – Tenth Plenary Meeting, November 2023, Belgium.

Participation in the plenary and present plan on the PSN activities for Europe.

Participate in webinar series of the UN-GGIM Europe

UN GGIM Africa – Ninth Plenary Meeting, August 2023, Cape Town.

- Participation in the Plenary and providing a plan of work of PSN in Africa

UN GGIM Arab States – Tenth Plenary, February 2023, Abudhabi

- Web session pre-planning meeting of the 10<sup>th</sup> Plenary by PSN Arab States
- Participation in the Plenary and providing a plan of work of PSN in Arab States



**UN-GGIM**  
PRIVATE SECTOR NETWORK

## UN-GGIM PSN Members

- The UNGGIM: PSN comprises one hundred eighty-three member organizations, including twenty-one founding members.
- This network highlights the diversity in company size, offerings, and geospatial application categories and their global distribution.

The screenshot shows the UN-GGIM website's 'DOCUMENTS' page. The header includes navigation links: HOME, ABOUT PSN, PSN BOARD, PSN MEMBERS, MOM, DOCUMENTS, CONTACT US, and BE A MEMBER. Below the header is a grid of 17 Sustainable Development Goals (SDGs) icons. The main content area is titled 'DOCUMENTS' and features a grid of document links, each with a 'DOWNLOAD PDF' button. The documents listed are:

| Document Title                         | Download PDF Button Color |
|--|---------------------------|
| Geospatial Industry Advancing the SDGs | Red                       |
| UN-GGIM PSN 7th session                | Blue                      |
| UN-GGIM PSN 8th session                | Red                       |
| UN-GGIM PSN 10th session               | Blue                      |
| UN-GGIM PSN 11th session               | Red                       |
| UN-GGIM PSN 12th session               | Blue                      |
| UN-GGIM PSN Terms of Reference         | Red                       |
| ECOSOC (E/2022/68)                     | Blue                      |
| ECOSOC Resolution 2022/24              | Red                       |

At the bottom of the page, there is a footer with the text 'About UN-GGIM' on the left and 'Site managed by Geospatial Media & Communications' on the right, with the number '83' in the bottom right corner.



## Future Plans 2023-2024

1. PSN is committed to prioritizing its involvement in UN-GGIM activities. Therefore, the PSN Board suggests nominating PSN representatives in the following initiatives: IGIF, Geodesy, Global Statistical Framework, Land Administration, Disasters, and Marine.
2. PSN is dedicated to enhancing the Geospatial ecosystem by collaborating with other technology companies, user agencies, think tanks, research communities, and the general public through its diverse initiatives.
3. **PSN plans to contact the various UN-GGIM regions for their input on supporting and strengthening IGIF.**  
The information gathered will be analyzed by region and compiled into a paper presented to the UN-GGIM. The preliminary framework of the paper will be discussed at an upcoming session in New York. After receiving feedback, it will be revised and submitted to the UN-GGIM Secretariat. The paper aims to provide a region-specific perspective on how PSN can strengthen IGIF and identify the requirements for PSN involvement. These requirements will be included in the implementation roadmap for the remaining two years of the PSN Board.



# Future Plans 2023-2024

4. Besides the focus paper, the Board has requested the PSN regional chairs to be involved in a dialogue with respective UN-GGIM regional activities where possible.
5. The PSN is offering its support in developing a body of knowledge to support the UNGGIM mission as well as the programs and activities of other UN-GGIM Centers of Excellence.
7. PSN will create a LinkedIn page to share updates and gather more participation from the Geospatial private sector worldwide.





**UN-GGIM**  
PRIVATE SECTOR NETWORK

*Let's develop a positive and enduring impact on a sustainable world using geospatial information, leaving no one behind*

[zaffarmqsm@gmail.com](mailto:zaffarmqsm@gmail.com)

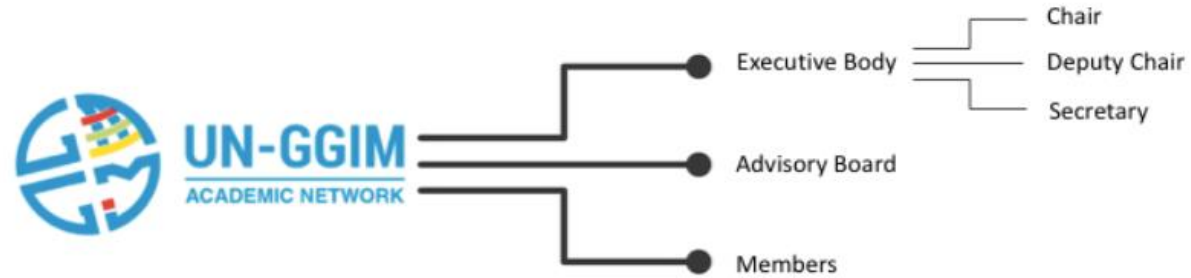
grazie 谢谢 ขอขอบคุณ  
merci Σαc ευχαριστ takk bedankt  
tack Спасибо धन्यवाद ありがとう  
gracias **thank you** terima kasih  
teşekkür ederim شكرا 고마워요  
danke kiitos köszönjük

# UN GGIM Academic Network: update since August 2023 (13 Session)

Prof. Maria Antonia Brovelli  
Chair of the UN-GGIM Academic Network  
Politecnico di Milano  
on behalf of the UN GGIM AN Executive Board and Advisory Board



# UN-GGIM Academic Network Executive Committee



## Executive Committee



Chair

**Maria Antonia Brovelli**  
Politecnico di Milano  
(Italy)



Deputy Chair

**Songnian Li**  
Toronto Metropolitan University  
(Canada)



Secretary

**Ivana Ivánová**  
Curtin University  
(Australia)



# UN-GGIM Academic Network Advisory Board

## Advisory Board



**Abbas Rajabifard**  
University of Melbourne  
(Australia)



**Christy Claudill**  
Carleton University  
(Canada)



**Georg Gartner**  
Vienna University of Technology (TU  
Wien)  
(Austria)



**Saeid Pirasteh**  
Southwest Jiaotong University  
(China)



**Chryssy Potssiou**  
National Technical University of  
Athens  
(Greece)



**Michael Starek**  
Texas A&M University-Corpus Christi  
(USA)



# UN-GGIM Academic Network Activities

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- At the global level:
  - Several universities of the UN GGIM AN are involved in preparing the Syllabi and Body of Knowledge in GEOAI for Good under the umbrella of the AI For Good Summit. The final event will be at the AI For Good Global Summit 2024 in Geneva (30-31 May 2024). There are 4 WGs:
    - WG1 – GEOAI Syllabus for developers
    - WG2 – GEOAI Syllabus for appliers
    - WG3 – GEOAI Syllabus for decision-makers
    - WG4 – GEOAI Body of Knowledge

The other GGIM thematic networks are actively participating in this initiative



# UN-GGIM Academic Network Activities

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- At the global level:
  - Publishing the last papers for the IJGI Special Issue on Trustful and Ethical Use of Geospatial Data, following the side event that was organized at the Twelfth Session of UN GGIM (2022) together with the UN GGIM PS;
  - Finalising a paper related to the GEOAI Survey presented at the Thirteenth session of UN GGIM (2023) together with UN GGIM Private Sector Network and UN Geospatial Network;
  - Participating in the global UN Open GIS Initiative together with the UN Geospatial Network;
- At regional level:
  - Regional AN Networks have been continuing to support the activities of the Regional UN GGIM branches



# UN-GGIM Academic Network Participation to Events

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- **UN GGIM AP** – Twelfth Plenary Meeting  
6-8 November 2023, Bali, Indonesia – Session 2, Agenda item 7, online participation;
- **UN GGIM Europe** - Tenth Plenary Meeting  
22 - 23 November 2023, Brussels, Belgium, Session 8, Agenda item 22, in-person participation;
- **UN GGIM Arab States** – Eleventh Plenary Meeting  
4-8 February 2024, Doha, Qatar, accepted the invitation
- **International Forum on Digital Infrastructure for Climate Resilience**, hosted jointly with World Bank and Centre for SDIs and Land Administration in Oct 2023, Melbourne University.





**UN-GGIM**  
**GEOSPATIAL SOCIETIES**



January 2024

# Past activities and future perspective

**Prof. Céline Rozenblat**

**Chair of the UN-GGIM Geospatial Societies**

**Vice president of the International Geographical Union (IGU)**

**Institute of Geography and Sustainability - University of Lausanne - Switzerland**



## 9 UN-GGIM Geospatial societies in 2023

**IEEE**

•IEEE Geoscience and Remote Sensing Society (GRSS)

**IAG**

•International Association of Geodesy (IAG)

**ICA**

•International Cartographic Association (ICA)

**FIG**

•International Federation of Surveyors (FIG)

**IGU**

•International Geographical Union (IGU)

**IMIA**

•International Map Industry Association (IMIA)

**ISDE**

•International Society for Digital Earth (ISDE)

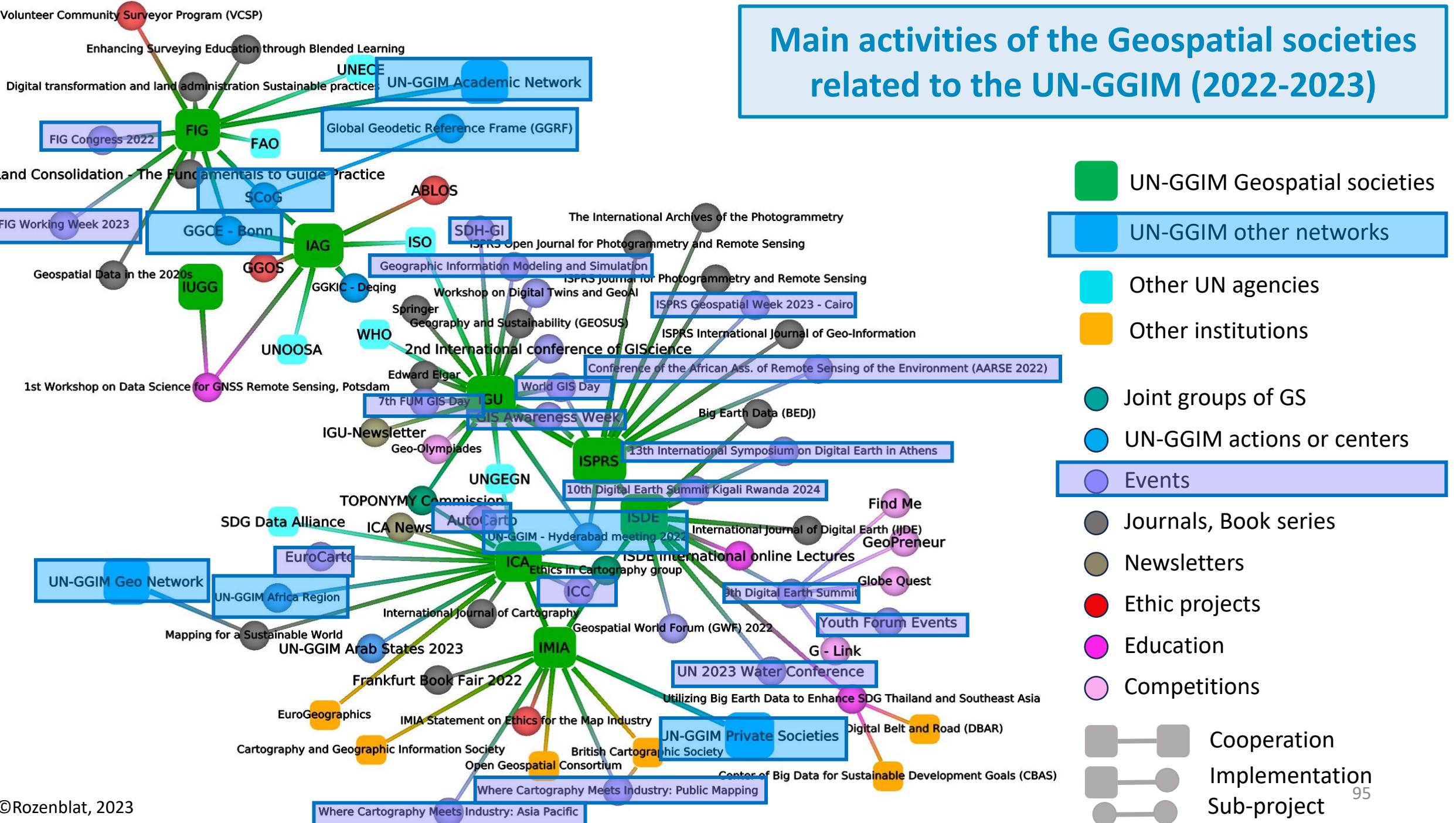
**ISPRS**

•International Society for Photogrammetry and Remote Sensing (ISPRS)

**IUGG**

•International Union of Geodesy and Geophysics (IUGG)

# Main activities of the Geospatial societies related to the UN-GGIM (2022-2023)



## 2024 main activities of the UN-GGIM Geospatial societies related to UN-GGIM Themes

<http://www.fig.net/unggimsgs/events/events.htm>

**15 - 17, May 2024, FLACSO Quito, Ecuador**

**IGU Thematic Conference** on *Connecting Geographies from the Global South*

**13-17 May 2024, Changsha, China**

**ISPRS TC I** Mid-term Symposium on *Intelligent Sensing and Remote Sensing Application*

**19-24 May 2024, Accra, Ghana**

**FIG** Working Week 2024

**11-14 June 2024, Las Vegas, USA**

**ISPRS TC II** Mid-term Symposium on *Photogrammetry at the Age of AI / AR*

**6-8 August 2024, Manila, Philippines**

**ISPRS TC V** Mid-term Symposium on *Insight to Foresight via Geospatial Technologies*

**24-30 August 2024, Dublin, Ireland**

**IGU** 35th International Geographical Congress 2024 - *Celebrating a World of Difference*

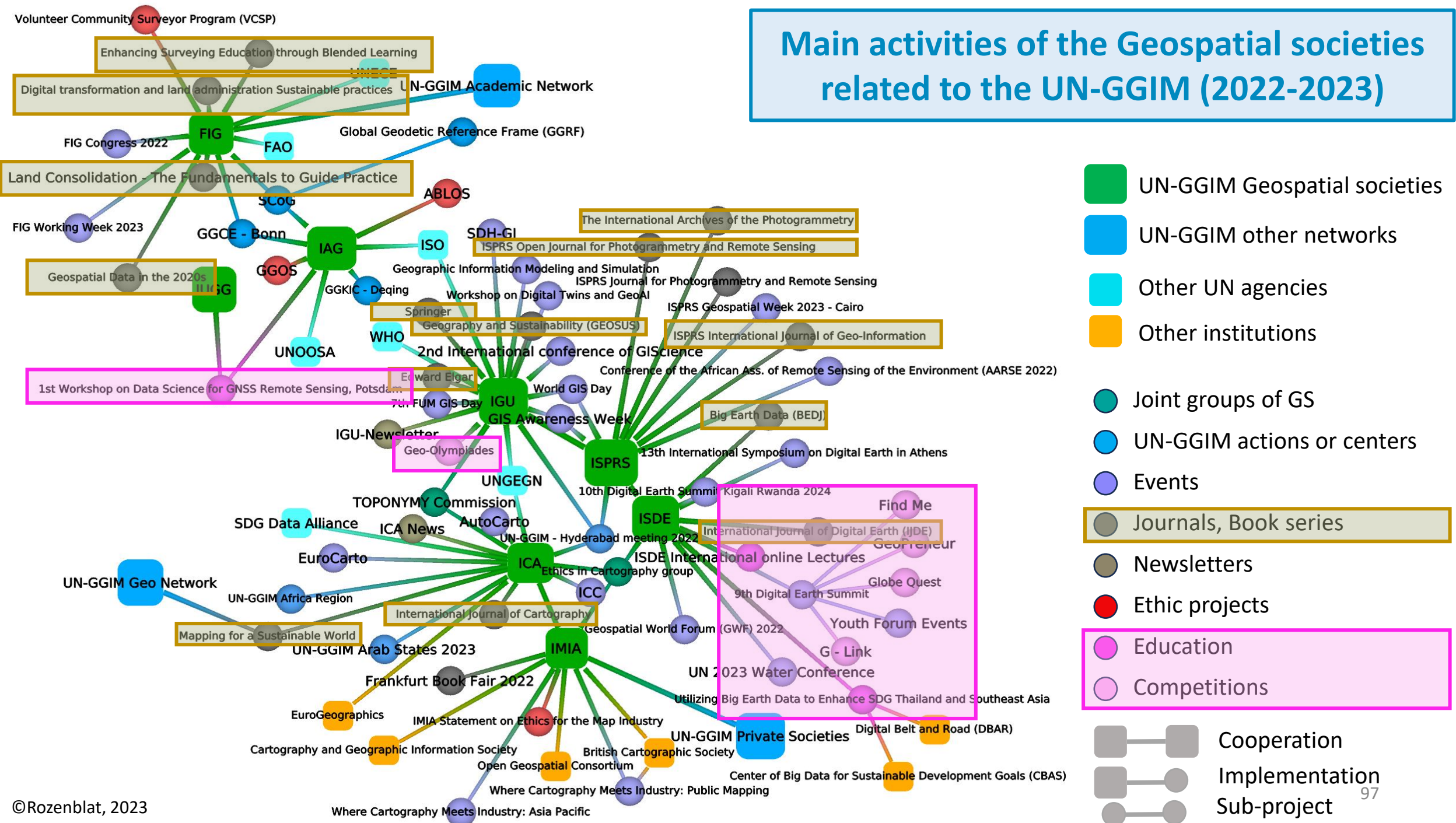
**22-25 October 2024, Perth, Australia**

**ISPRS TC IV** Mid-term Symposium on *Spatial Information to Empower the Metaverse*

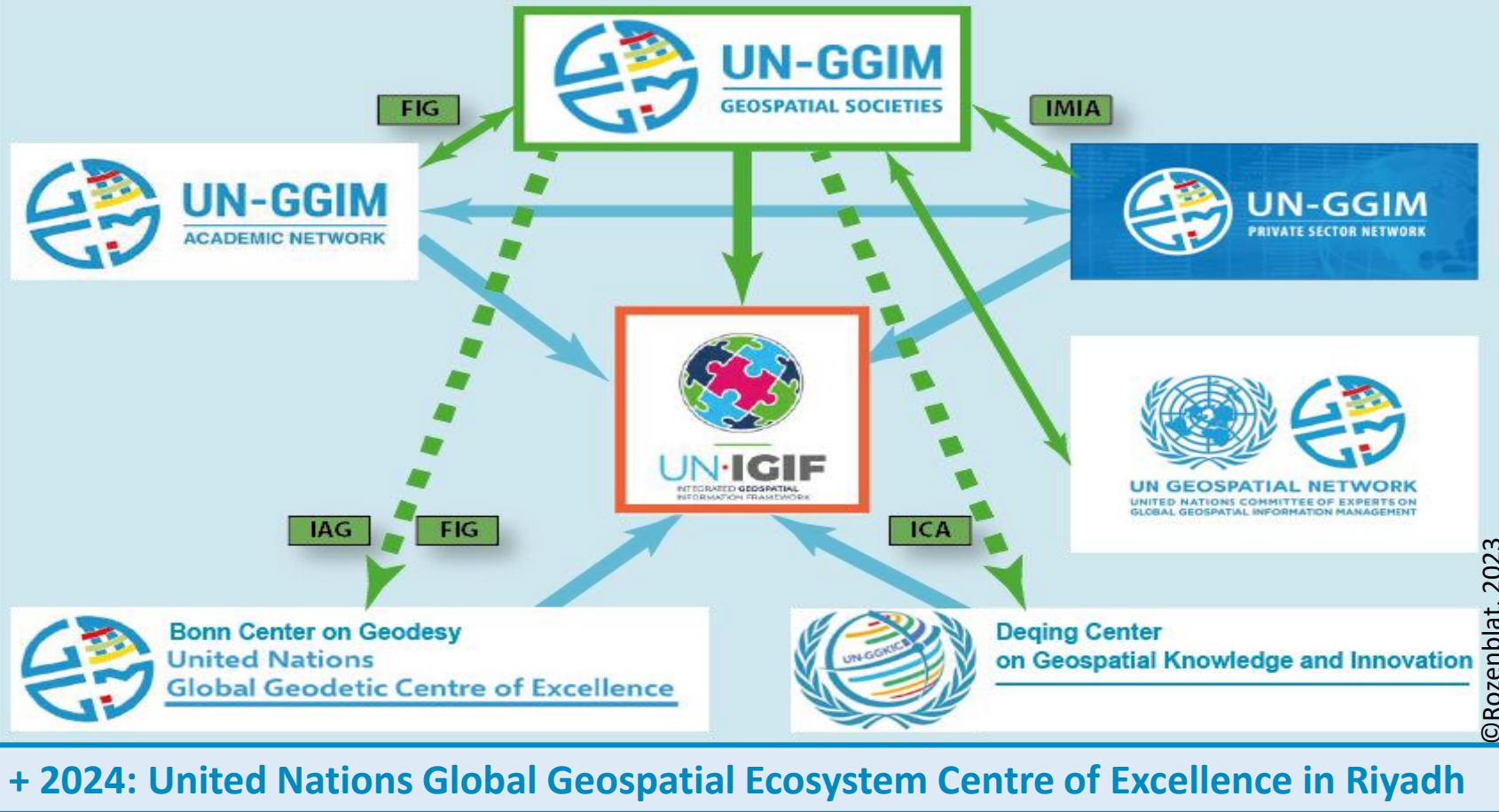
**4-8 November 2024, Belém, Brazil**

**ISPRS TC III** Mid-term Symposium on *Beyond the Canopy: Technologies and Applications of Remote Sensing*

# Main activities of the Geospatial societies related to the UN-GGIM (2022-2023)



How to improve the Geospatial societies' contributions to UN-GGIM programs ?



- 1- UN-GGIM Geospatial societies in UN-IGIF: Events & publications Communication / Dissemination
- 2- UN-GGIM Geospatial societies in Centers UN-GGCE, UN-GGKI, UN-GGECE : Education and new technologies - Training
- 3- UN-GGIM Geospatial societies in the “One UN Geospatial Situation Room for people, places and planet”: Spatial knowledge and ethics in the SDGs and I4R

# UN-GGIM Geospatial societies contribution 2024

## 2. Young Professional in GeoData: Trainings and new skills

### UN-GGIM Geospatial societies' survey

In complement to the survey on the « skills for AI and GeoData »

(UN-GGIM Academic network & UN-GGIM Private sector, 2023)

=> Database on the courses / Webinars / trainings / certification on « AI and GeoData »

=> by Continent / Country

Useful for new centers, for countries' cooperation, for new recruitments?

=> Survey: Geospatial Societies members, Academic network, Private sector network, UN-GGIM members?

In progress... To be presented in the XIV<sup>th</sup> UN-GGIM session – August 2024

## 3. Geospatial AI - Body of Knowledge (BoK)

with the UN-GGIM Academic network & ITU Geo-AI for Good

In progress... To be presented in the XIV<sup>th</sup> UN-GGIM session – August 2024

# 3. Geospatial AI - Body of Knowledge (BoK)

Copy to Clipboard : [HTML code](#) [Permalink](#) <https://bok.eo4geo.eu/GIST>

Permalink: <https://bok.eo4geo.eu/GIST>

**[GIST] Geographic Information Science and Technology**  
Description:  
Geographic Information Science and Technology

Subconcepts [14]

- [AM] Analytical Methods
- [CF] Conceptual Foundations
- [CV] Cartography and Visualization
- [DA] Design and Setup of Geographic Information Systems
- [DM] Data Modeling, Storage and Exploitation
- [GC] Geocomputation
- [GD] Geospatial Data
- [GS] GI and Society
- [IP] Image processing and analysis
- [OI] Organizational and Institutional Aspects
- [PP] Physical principles
- [PS] Platforms, sensors and digital imagery
- [TA] Thematic and application domains
- [WB] Web-based GI

Skills [2]

- Classify the main knowledge domains of GI Science and Earth observation.
- Discuss the synergy between processes in geo-information systems and earth observation systems.

Contributors [1]

- [EO4GEO project](#)

Versioning

→ You are viewing: version 7.0 (2022/05/25) (Current Bok Version)

**European consortium**  
Sven Casteleyn (Spain – univ. Castellon)  
Rob Lemmens (Netherlands, univ Twente)

# UN-GGIM Geospatial societies internal coordination

## 4- Two new members in the UN-GGIM Geospatial societies in 2024

### - OsGEO: The Open-Source Geospatial Foundation

Promoting open-source solutions for a more equitable world

<https://www.osgeo.org/>

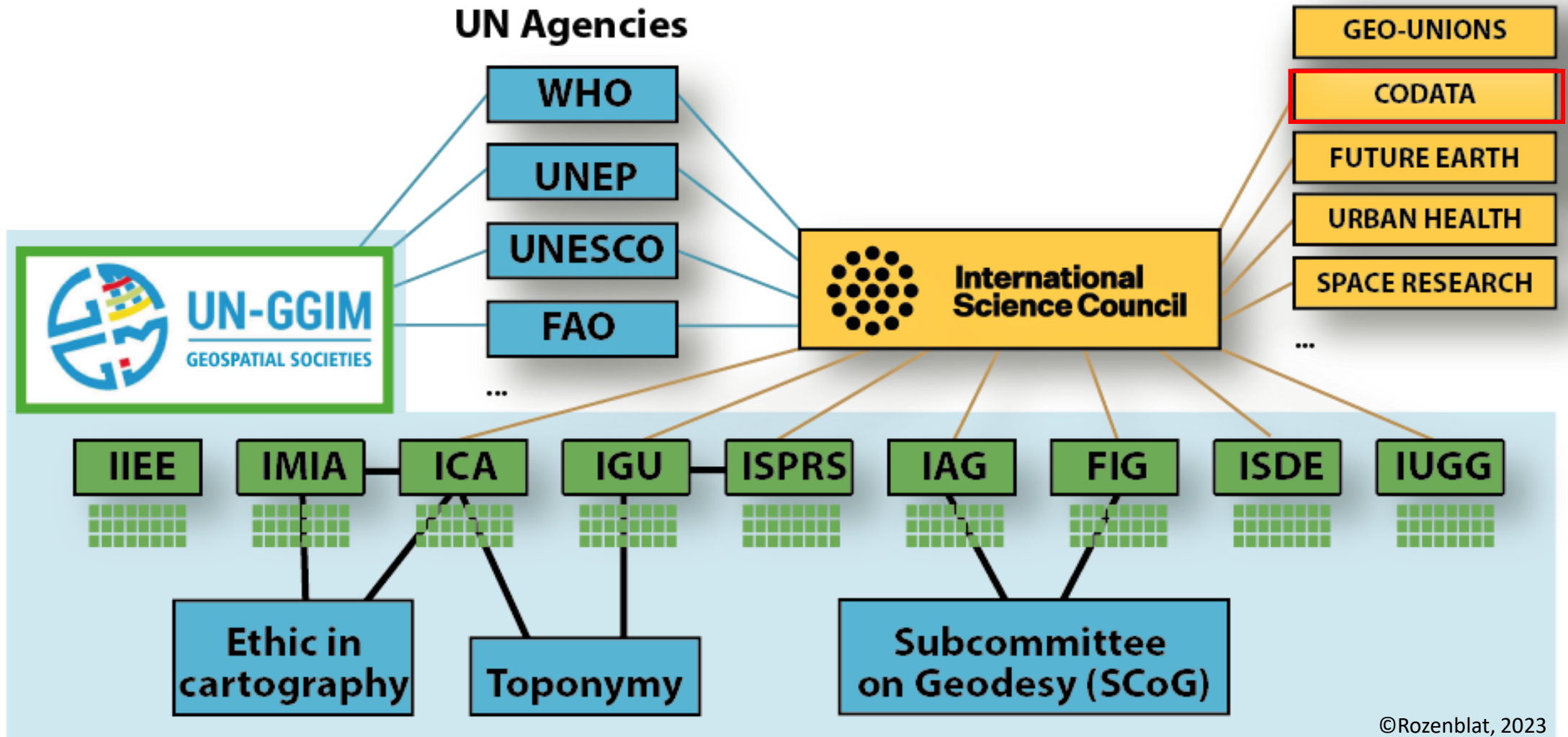
### - ISC – CODATA: Committee for Data of the International Science Council

Four priorities:

- A. **Global Open Science Cloud Initiative:** ‘Making Data Work for Cross-Domain Grand Challenges’
- B. **Data Policy:** promoting principles, policies and practices for FAIR Data and Open Science;
- C. **Data Science:** advancing the frontiers of the science of data;
- D. **Data Skills:** improving data skills national science systems to support open data

<https://codata.org/>





**ISC- CODATA**  
'Science in and for the intergovernmental system'  
 International Network for Government Science Advice (INGSA)

## ISC - CODATA

- About 30 scientific associations, 40 countries, Institutions like UNESCO, EU, Editors

### GLOBAL OPEN SCIENCE CLOUD INITIATIVE – Working groups:

- [Strategy, governance and sustainability](#)
- [Policy and legal](#)
- [Technical infrastructure](#)
- [Data interoperability](#)

### OPEN DATA principles

- As open as possible and as closed as necessary
- **FAIR** (Findable, Accessible, Interoperable and Reusable)
- **CARE** for Indigenous Data Sovereignty (Collective benefit, Authority to control, Responsibility, Ethics)
- **JUST** (Judicious, Unbiased, Safe and Transparent)

...

## **8 THEMATIC TASK GROUPS:**

- Advancing Data Science for Sustainability
  - Citizen-generated data for the SDGs
  - Data driven social change towards society promoting cognitively healthy aging
  - Data Ethics Task Group (DETG)
  - Data Systems, Tools, and Services for Crisis Situations Task Group (DSTS\_CS-TG)
  - Digital Representation of Units of Measurement (DRUM)
  - FAIR Data for Disaster Risk Research (FAIR-DRR)
  - Geographical Indications Environment & Sustainability (GIES)
- + Continental groups**

## **WEBINARS:**

- CODATA-Data Documentation Initiative (DDI) Training webinar series
- CODATA Connect Research Skills Enhancement in collaboration with the CODATA-RDA Schools of Research Data Science

# 11 UN-GGIM Geospatial societies in 2024

IIEE

•IEEE Geoscience and Remote Sensing Society (GRSS)

IAG

•International Association of Geodesy (IAG)

ICA

•International Cartographic Association (ICA)

FIG

•International Federation of Surveyors (FIG)

IGU

•International Geographical Union (IGU)

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•International Map Industry Association (IMIA)

ISDE

•International Society for Digital Earth (ISDE)

ISPRS

•International Society for Photogrammetry and Remote Sensing (ISPRS)

IUGG

•International Union of Geodesy and Geophysics (IUGG)

OS-GEO

•The Open Source Geospatial Foundation

ISC-CODATA

•International Science council (ISC) - CODATA

## All in all

**Increase Geospatial societies' coordination for enhancing their participation to UN-GGIM**

**I- UN-IGIF (Communication & dissemination)**

**II- UN-Centers (Education) Survey on Geospatial & AI trainings**

**III- UN- One Situation room (Ethics, Spatial knowledge)**

**IV- UN-GGIM Regional Committees (local cooperations)**



**UN-GGIM**  

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**GEOSPATIAL SOCIETIES**

# **Enhancing our contribution to the UN-GGIM**

**Thank you for your attention  
and every suggestion is welcome**

**Gracias por su atención  
y toda sugerencia es bienvenida**



**UN GEOSPATIAL NETWORK**  
UNITED NATIONS COMMITTEE OF EXPERTS ON  
GLOBAL GEOSPATIAL INFORMATION MANAGEMENT

**Alexandre Caldas**

Chair of the UN Geospatial Network  
Director of United Nations

Nairobi  
January 24, 2024



**UN GEOSPATIAL NETWORK**  
UNITED NATIONS COMMITTEE OF EXPERTS ON  
GLOBAL GEOSPATIAL INFORMATION MANAGEMENT



# AGENDA #13 – OVERVIEW OF THE PREPARATION FOR THE FOURTEENTH SESSION AS WELL AS EXPERT, PLENARY AND REGIONAL MEETINGS, INTERNATIONAL SEMINARS AND FORUMS, AND EXPERT CONSULTATIONS

**The Committee has been allocated Conference Room 4 for the fourteenth session from 7 – 9 August**

- Summaries of reports for all substantive agenda items expected first week of May, 2024; and
- technical reports for all substantive agenda items expected by the end of June, 2024

*An overview of upcoming expert and plenary meetings of functional groups planned for 2024 as well as international seminars and forums organized or facilitated by the Secretariat is provided for reference. However, expert consultations and meetings and related capacity development workshops have not been included.*





## Seventh High-level Forum on United Nations Global Geospatial Information Management

- **8 – 10 October 2024, Mexico City** (including Eleventh plenary meeting of UN-GGIM: Americas, Meeting of the Expanded Bureau of the Committee of Expert, Other meetings (tbc))

## Meeting of the Expanded Bureau of the Committee of Experts

- **22 – 26 January 2024**
- **Aguascalientes, Mexico**

## Eleventh Plenary Meeting of UN-GGIM: Arab States

- **4 – 8 February 2024**
- **Doha, Qatar**

## Third Plenary Meeting of the High-level Group of the Integrated Geospatial Information Framework

- **22 – 26 January 2024**
- **Aguascalientes, Mexico**

## Second expert meeting of the Working Group on Policy and Legal Framework for Geospatial Information Management

- **20 – 22 February 2024**
- **Brussels, Belgium**

## Sixth expert meeting of the Working Group on Marine Geospatial Information

- **4 – 8 March 2024**
- **Indonesia**
- **International Seminar**

## Fourth Plenary Meeting of the Subcommittee on Geodesy (back to back with the 2<sup>nd</sup> meeting of the UN-GGCE: IAC)

- **Week of 18 March 2024**
- **Bonn, Germany**

## Fourth meeting of the Expert Group on Land Administration and Management

- **April/May 2024**
- **Mexico**
- **International Seminar**

## Expert Group Meeting on the Integration of Statistical and Geospatial Information/Expert meeting of the IAEG Working Group on Geospatial Information

- **September 2024**
- **Nairobi (UNON), Kenya**

## Expert meeting of the Working Group on Geospatial Information and Services for Disasters

- **Date and host/venue to be decided**



# AGENDA #14 – OTHER MATTERS

## Additional items to note and consider

- **ECOSOC Coordination Segment**, UNHQ New York, 31 January – 1 February 2024

*Bureau invited to two panels. “Conversation with Executive Secretaries of regional commissions and Chairs of functional commissions and expert bodies on sustainable, resilient and innovative solutions to accelerate the implementation of the 2030 Agenda” and “Closing the digital divide towards achieving a global digital transformation”*

- **High-Level Political Forum (HLPF)**, UNHQ New York, 8 to 17 July 2024

*The theme is “Reinforcing the 2030 Agenda and eradicating poverty in times of multiple crises: the effective delivery of sustainable, resilient and innovative solutions.” The focus will be on SDGs 1,2,13,16 and 17.*

*ECOSOC Secretariat request for input by Committee of Experts, deadline is **1 March 2024**.*

- **World Data Forum**, Medellin, Colombia, 11 – 14 November 2024.

*The host is requesting proposals from the Committee of Experts that may cover: full-length session, usually 60 minutes in duration with between 4-6 speakers, including moderators/facilitators; shortened session, 20-minute ignite/lightning talk with a single speaker on an issue which the Programme Committee can try and match with another full-length session or combine shortened sessions to make a full-length session; and feature as a special format in the programme. Requests for proposals deadline is **12 February 2024**.*



## AGENDA #14 – OTHER MATTERS

### Additional items to note and consider

- Summit of the Future (<https://www.un.org/en/summit-of-the-future>) “*Multilateral Solutions for a Better Tomorrow*”

*The Summit is a high-level event, bringing world leaders together to forge a new international consensus on how we deliver a better present and safeguard the future. This once-in-a-generation opportunity serves as a moment to mend eroded trust and demonstrate that international cooperation can effectively tackle current challenges as well as those that have emerged in recent years or may yet be over the horizon.*

*We already have the “**what**” in the form of many existing agreements and commitments, starting with the [UN Charter](#) and including the [Universal Declaration of Human Rights](#), the [2030 Agenda](#), the [Paris Agreement](#), the [Addis Ababa Action Agenda](#) and many others. The Summit of the Future will look at the “**how**” – how do we cooperate better to deliver on the above aspiration and goals? How do we better meet the needs of the present while also preparing for the challenges of the future?*

*The aim of the Summit is twofold: accelerate efforts to meet our existing international commitments and take concrete steps to respond to emerging challenges and opportunities. This will be achieved through an action-oriented outcome document called the **Pact for the Future**.*



# AGENDA #14 – OTHER MATTERS

## Additional items to note and consider

- Contribution to integrating gender, inclusion and diversity into the Committee's agenda items, and its functional groups and thematic networks.
- Strengthening the collaboration between UN-GGIM and UNGEGN including a project to prepare a compendium of institutional arrangements on shared good practices for geographical names standardization between national mapping agencies and national names authorities.




# AGENDA AND ORGANIZATION OF THE MEETING

## Provisional agenda

- 1) Welcome and introduction
- 2) Agenda and organization of the meeting
- 3) Report of the Committee of Experts on its Thirteenth Session
- 4) Resolution E/RES/2022/24 and the UN regular budget proposal for the establishment of a Secretariat for the Committee
- 5) Seventh High-level Forum on Global Geospatial Information Management
- 6) United Nations Geospatial Centres of Excellence
- 7) United Nations Integrated Geospatial Information Framework
- 8) Contribution of regional committees to the global geospatial information agenda
- 9) UN-GGIM functional groups and the substantive agenda of the Committee of Experts
- 10) Geospatial information for climate and resilience
- 11) Future Geospatial Information Ecosystem
- 12) Contribution of thematic networks to the global geospatial information agenda
- 13) Overview of the preparation for the fourteenth session as well as expert, plenary and regional meetings, international seminars and forums, and expert consultations
- 14) Other matters
- 15) Summary, next steps and close



# THANK YOU



Fourteenth Session  
of the United Nations  
Committee of Experts  
on Global Geospatial  
Information  
Management  
7 – 9 August 2024  
UNHQ, New York

