



**UN-GGIM**

**GEOSPATIAL SOCIETIES**

**2023**

**Contribution to the  
UN-GGIM Europe**

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

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

# The 9 UN-GGIM Geospatial societies

**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)

**CARTOGRAPHY**

**GEOLOGY**

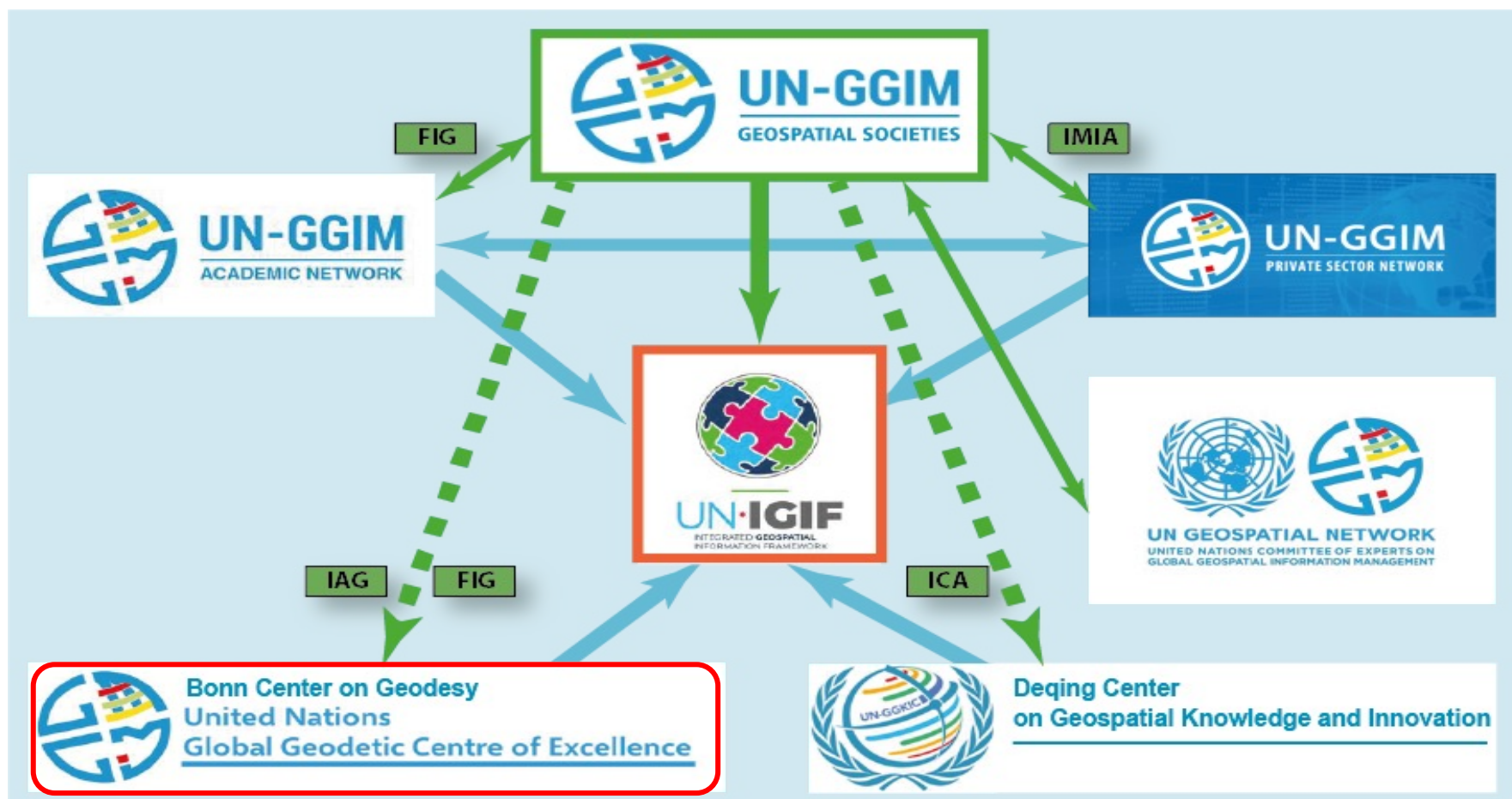
**REMOTE SENSING**

**GEOPHYSICS**

**GEODESY**

**PHYSICAL & HUMAN  
GEOGRAPHY**

**DIGITAL GEODATA**



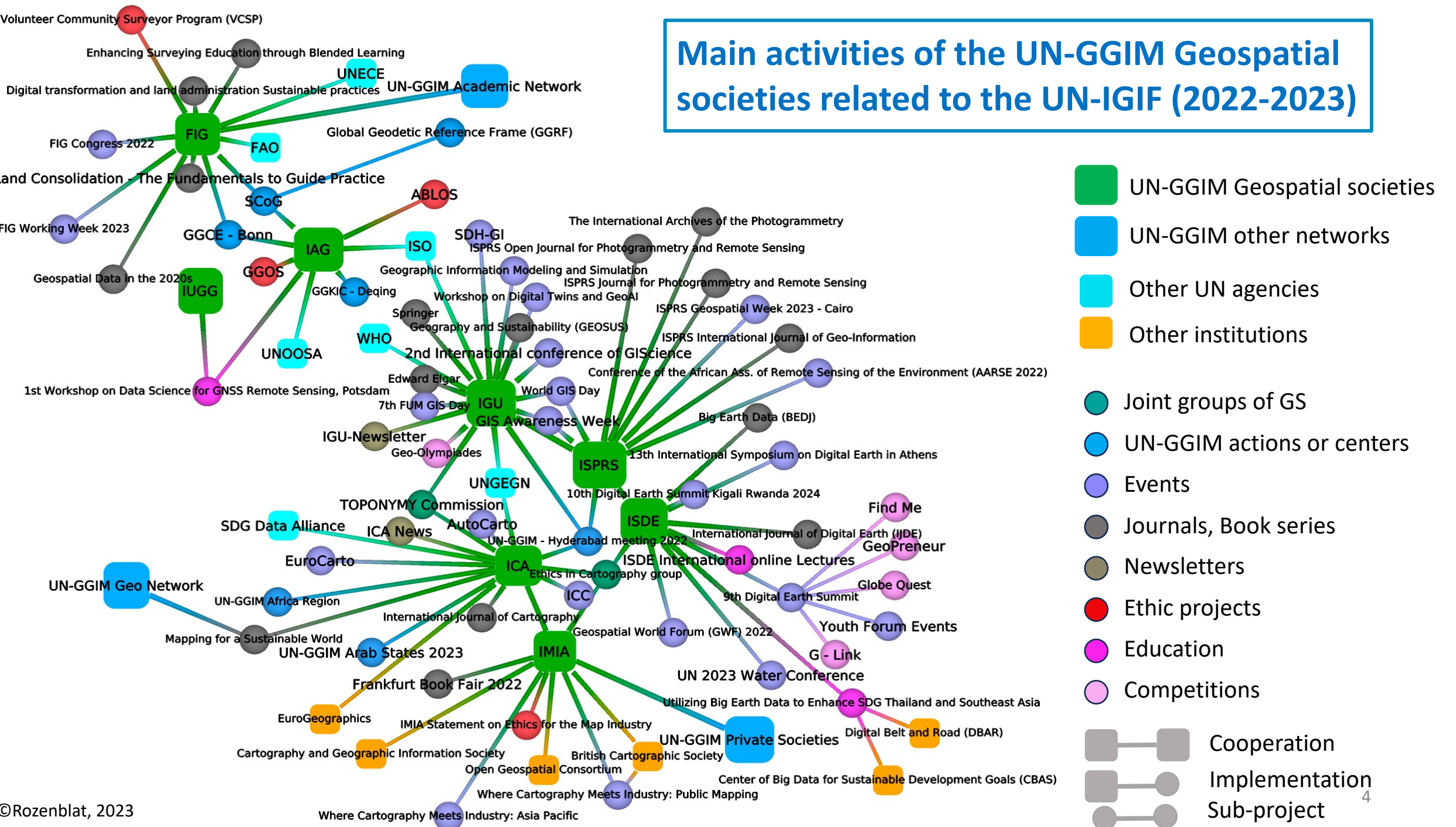
**+ 2024: United Nations Global Geospatial Ecosystem Centre of Excellence in Riyadh**

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**UN-GGIM Geospatial societies in the “One UN Geospatial Situation Room for people, places and planet” :**

- Define their role in coordination with the groups of the private companies and with the academic networks
- Reflections on spatial knowledge and ethics in the SDGs and I4R;
- Coordinate the education and scientific workshops and meetings specifically toward developing countries

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





# Main activities of the UN-GGIM Geospatial societies related to Europe (2023-2024)

## NEXT EVENTS IN EUROPE

**22 – 23 November 2023, Reykjavík Iceland**

**2nd international symposium on plastics in the Arctic and Sub-Arctic Region**

**28 November 2023 - 14:00 UTC – online - ISC Distinguished Lecture Series**

**“ENERGY Sustainability for Net ZERO Radio Communications”**

Professor Nuno Borge, University of Aveiro (Portugal) and an IEEE Fellow.

Registration for the WEBINAR: <https://council.science/events/energy-sustainability-for-net-zero/>

**4-6 December 2023, Tel-Aviv, Israel**

FIG Commission 3 Annual meeting **“Mitigation Strategies for the SDGs: Harnessing Spatial Information”**;

held in conjunction with the 2nd Ramon International Geospatial Intelligence 360 (GeoInt360)

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

**35th INTERNATIONAL GEOGRAPHICAL CONGRESS 2024 organised by IGU**

Congress theme **"Celebrating a World of Difference"**

**=> UN-GGIM session : IGIF + One Situation Room**

## Main activities of the UN-GGIM Geospatial societies related to Europe (2023-2024)

### **2023:**

UN-GGIM Academic societies

UN-GGIM Private societies

=> **survey on the skills for « AI and GeoData »**

### **2024: in collaboration with the two other UN-GGIM networks**

UN-GGIM Geospatial societies

**Young Professional in GeoData**

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

=> **by Continent / Country**

# 2024: Two new members of the UN-GGIM Geospatial societies

## - OsGEO – The Open Source Geospatial Foundation

Promoting open-source solutions for a more equitable world

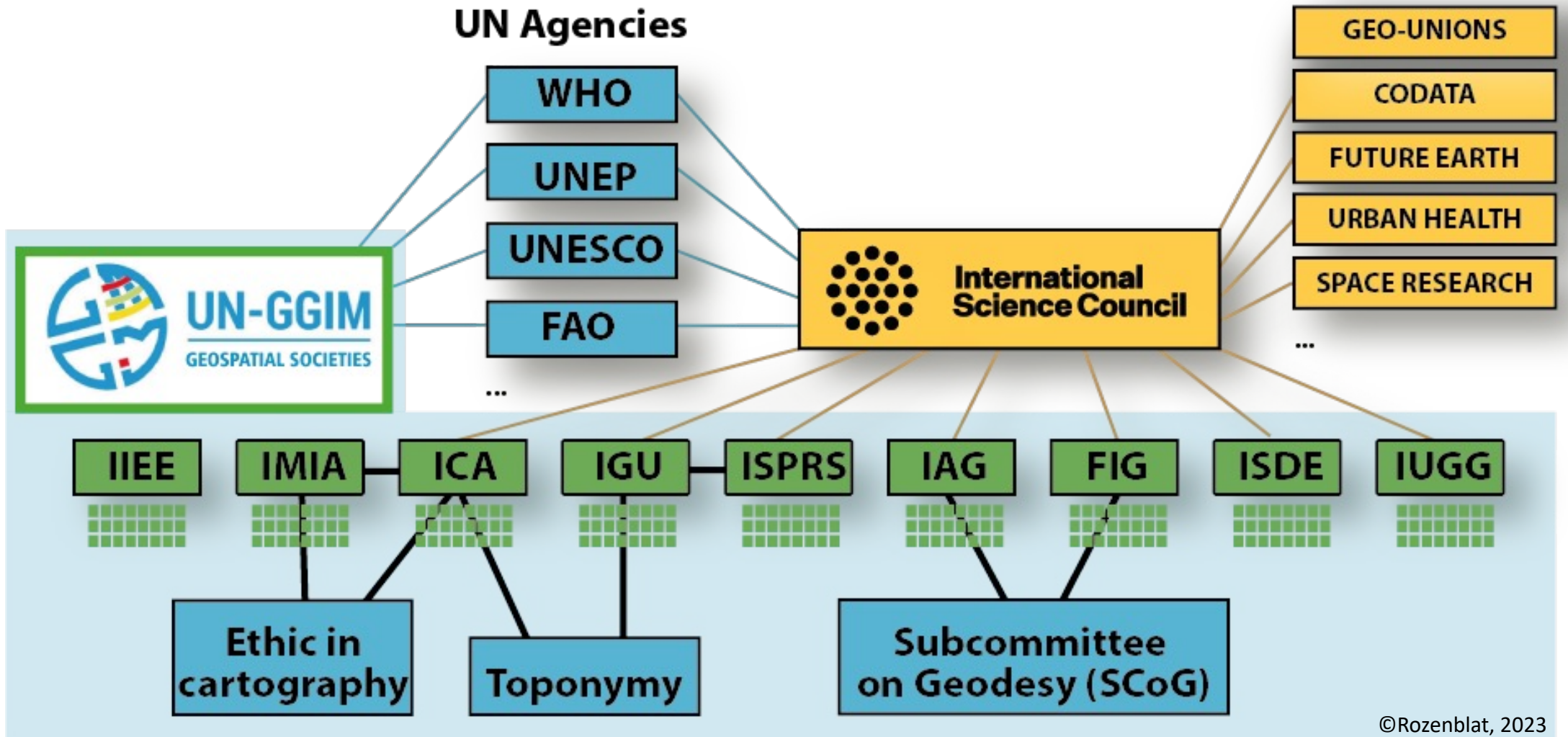
<https://www.osgeo.org/>

## - International Science Council ISC – CODATA (Committee for Data)

### **Four priorities:**

1. 'Making Data Work for Cross-Domain Grand Challenges' and the **Global Open Science Cloud Initiative**.
2. Data Policy: promoting principles, policies and practices for FAIR Data and Open Science;
3. Data Science: advancing the frontiers of the science of data;
4. Data Skills: improving data skills national science systems to support open data

<https://codata.org/>



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



## ISC - CODATA

- *About 30 scientific associations of the ISC*
- *About 40 countries*
- *Institutions like UNESCO, EU, ...*
- *Editors*

### 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)

## 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

## **WORKING GROUPS:**

- Group on FAIR data for disaster risk research
- Group on couple cross domain interoperability
- Group on citizen generated data for SDGs
- Group on geographical indications environment & sustainability
- Group on advancing data-science for sustainability
- Group on data ethics task
- Group digital representation of units of measurement (DRUM)
- Group on integrity TG objective
- **Continental groups**



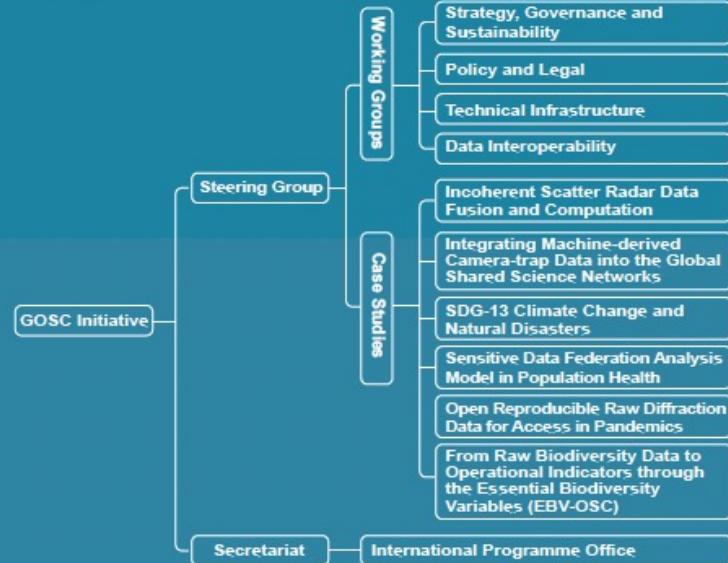
Global Open Science Cloud

## ISC - CODATA

*Connect worldwide research e-infrastructures and stakeholders to enable innovative scientific discoveries to address global challenges such as the UN SDGs, in a dynamically evolving global open science environment.*

### Governance

A steering group (SG), four working groups (WGs), and an initial set of six case studies (CSs) have been formed to support the implementation and demonstration of the GOSC Initiative. In addition, the GOSC Secretariat has been established to coordinate the internal bodies within GOSC.



### Network

GOSC has more than 200 registered members coming from 41 international, regional, and national research organizations, platforms, initiatives, universities, and companies. Now, the figure has been steadily growing with a broader global impact of GOSC.

Join us to make science more accessible and inclusive for all!  
Sign up to join GOSC at: <https://bit.ly/GOSC-Sign-Up>

 >200 registered members





**UN-GGIM**  

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**GEOSPATIAL SOCIETIES**

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

**Thank you for your attention**