



UN-GGIM
GEOSPATIAL SOCIETIES

Unil.

UN-GGIM – Geospatial Societies

United Nations Global Geospatial Information Management

Contribution of the Geospatial Societies to the UN-GGIM Geo-AI

Prof. Céline Rozenblat

Chair of the UN-GGIM Geospatial Societies

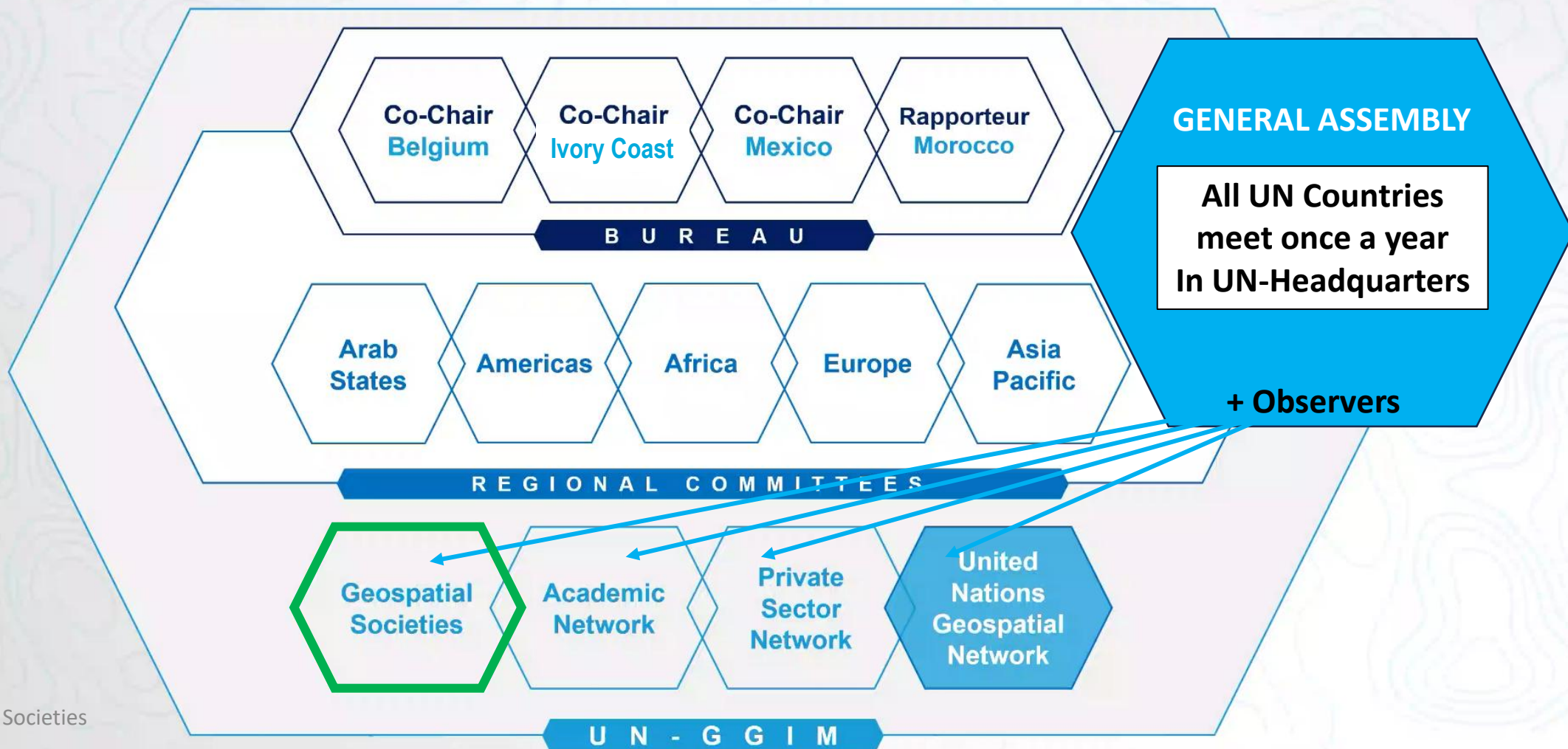
International Geographical Union (IGU)

Vice-Dean of the Faculty of Geosciences and Environment- University of Lausanne - Switzerland

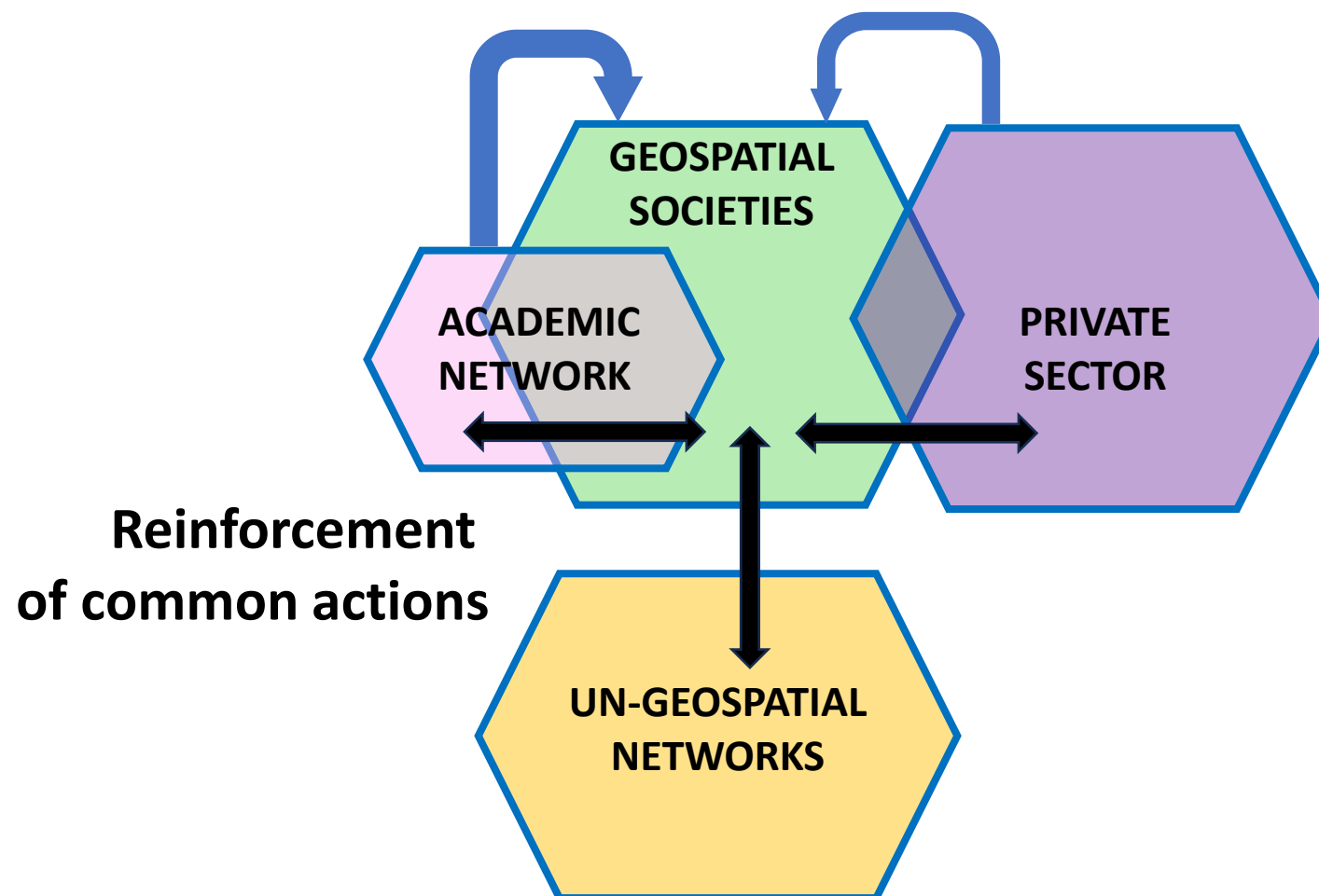
COLLABORATIONS

Geospatial societies within UN-GGIM

OUR ROLE IN UN-GGIM ARCHITECTURE



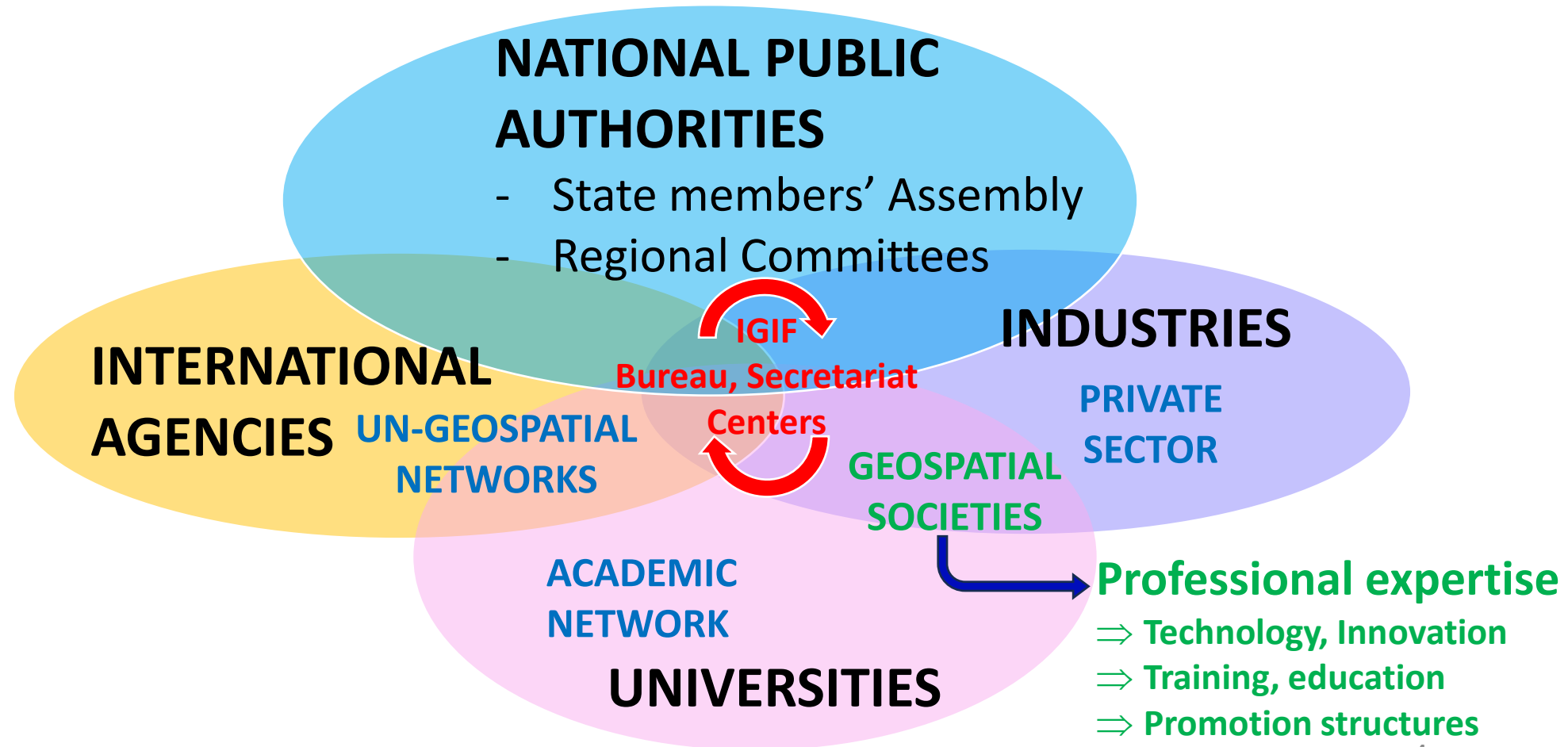
Geospatial societies' missions considering the position AT THE SCALE OF THE 4 THEMATIC NETWORKS



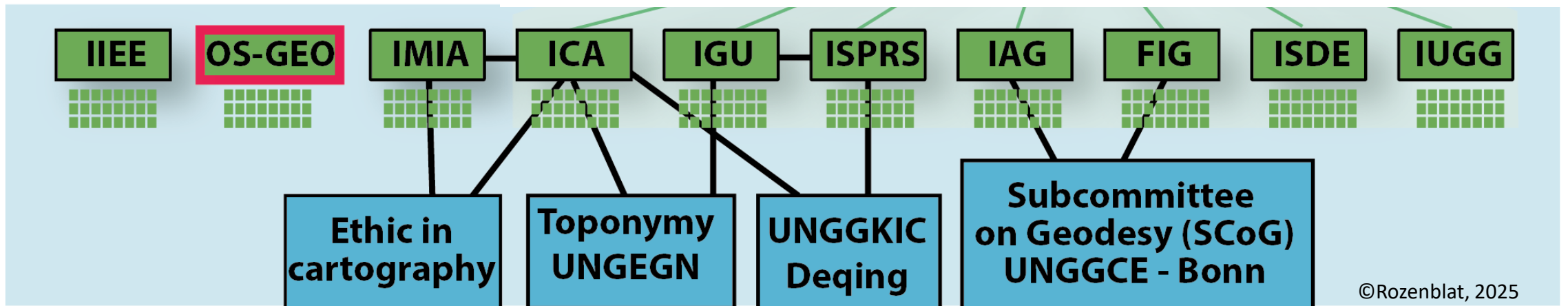
Geospatial societies' missions

Considering the quadruple (n-tuple) helix for innovative ecosystem

AT THE SCALE OF THE WHOLE UN-GGIM



COLLABORATIONS BETWEEN GEOSPATIAL SOCIETIES



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WEBINARS

- ISC GeoUnions [Distinguish lecture series](#)
- [ISDE Lectures on Digital Earth](#)
- Joint webinar of ICA, IMIA, and others on ['Trust in Mapping'](#)
- ISPRS Student Consortium [webinar series](#)
- ISC CODATA podcast on [Open Geo AI](#)



Unveiling Satellite Insights through Open Data Podcast Series

International Cartographic Association (ICA) **Commission on Geo-AI**

Chair: **Samantha T. Arundel**

Center of Excellence for Geospatial Information Science

US Geological Survey – USA

Vice-Chair: **Raimund Schnürer**

Digital Humanities Lab & Urban Sociology Laboratory – EPFL - Switzerland

- Define the topics of GeoAI and promote the methods and knowledge of GeoAI among scientists and professionals in cartography, GIScience and related fields.
- Discuss different issues about the use of GeoAI to extract machine-readable knowledge from maps unavailable elsewhere and to guide cartographic map style, symbolization, and design.
- Develop a workshop series.
- Promote publication activities (proceedings, web-proceedings, journal articles and special issues) and common research activities.

International Cartographic Association (ICA) **Commission on Geo-AI**

Past Events

- [2nd CartoAI Workshop 2025 @ AGILE](#), 10 June 2025, Dresden, Germany
- AAG Annual Meeting on GeoAI and Deep Learning for Geospatial Research symposium: [Current Developments and Concerns in GeoAI and CartoAI](#), March 24-28, 2025, Detroit, MI, USA
- RIMMA2025 workshop: Disaster Management with Deep Learning, [International Conference on Forecasting, Preparedness, Warning, and Response](#), 28 – 31 January 2025, Bern, Switzerland
- CartoVis24: [ICA workshop AI, Geovisualization, and Analytical Reasoning](#), 7 September 2024, Warsaw, Poland
- MapAI23: [ICC Pre-Conference Workshop on Cartography and AI](#), 12 August 2023, Stellenbosch, South Africa

International Cartographic Association (ICA) Commission on Geo-AI

ICC - Vancouver, Canada on 17 August 2025, 15:45 – 19:15 (UTC-7).

pre-conference workshop

**Intelligent Maps for Disaster Preparedness and Response:
Integrating GeoAI, Geospatial Analytics, and User-Centric Cartography**

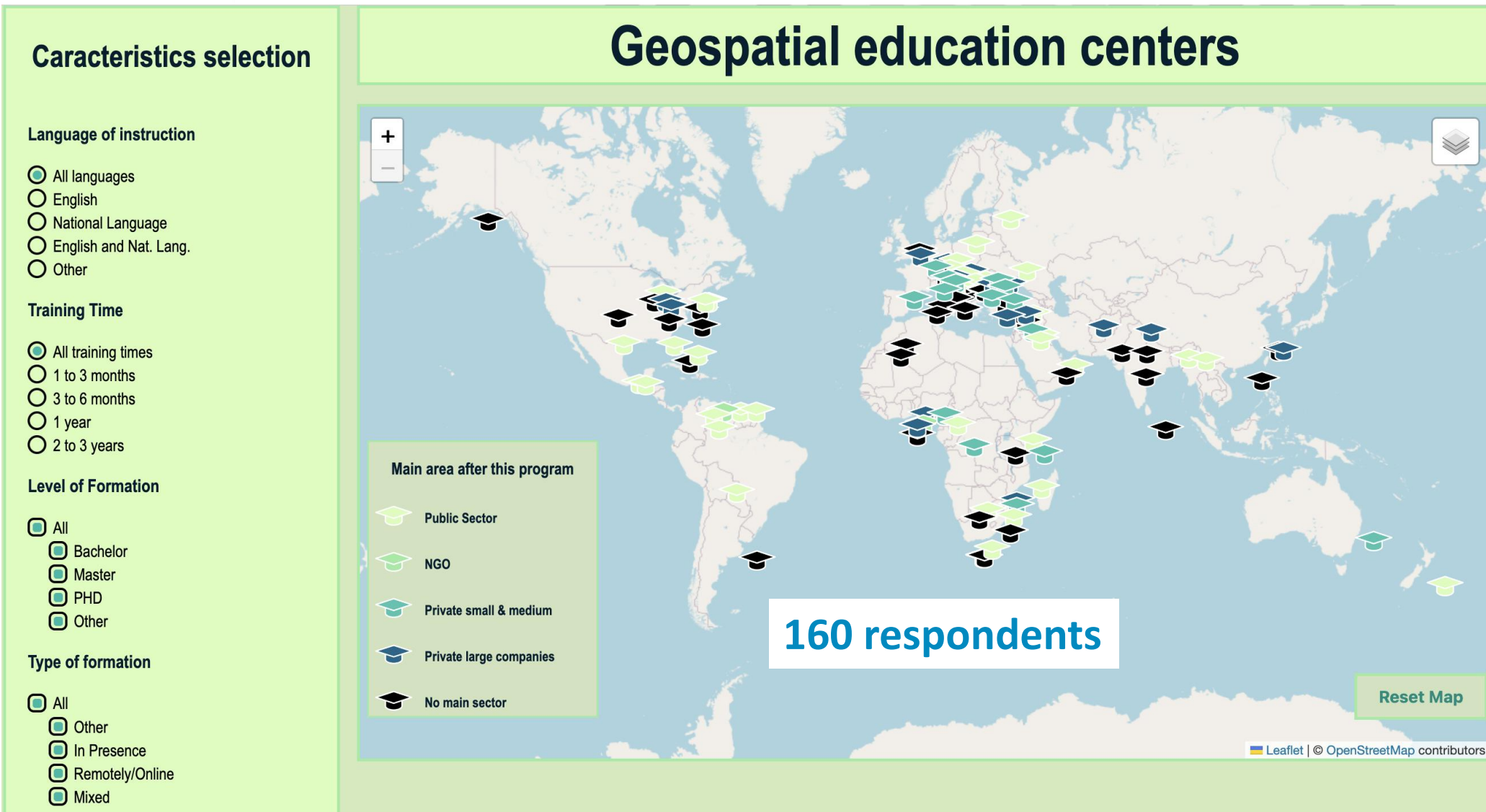
Remote attendance is also possible.

More information: <https://geoai.icaci.org/icc25-workshop>

International Cartographic Association (ICA) **Commission on Geo-AI**

Reoccurring Conferences or Workshops

- [International Cartographic Conference](#)
- [ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems](#)
- [IEEE Conferences of the Geoscience and Remote Sensing Society](#)
- [EuroCarto](#) (IGU)
- [Esri User Conference](#) (Private Societies)
- American Association of Geographers (AAG): GeoAI Workshops (IGU)
- [Association of Geographic Information Laboratories in Europe conference \(AGILE\)](#)





Characteristics selection

Language of instruction

- ☒ All languages
- ☐ English
- ☐ National Language
- ☐ English and Nat. Lang.
- ☐ Other

Training Time

- ☒ All training times
- ☐ 1 to 3 months
- ☐ 3 to 6 months
- ☐ 1 year
- ☐ 2 to 3 years

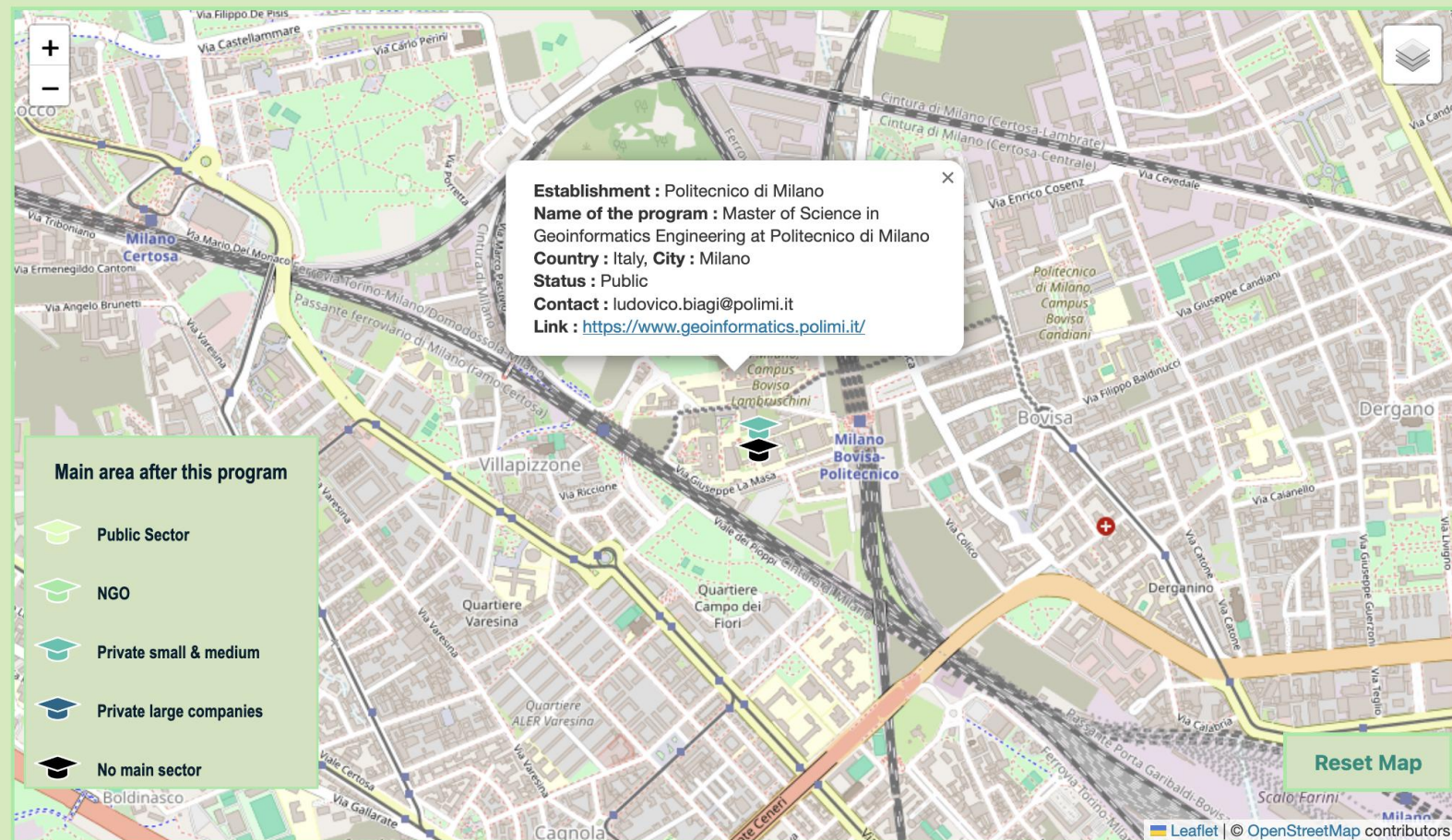
Level of Formation

- ☒ All
- ☐ Bachelor
- ☐ Master
- ☐ PHD
- ☐ Other

Type of formation

- ☒ All
- ☐ Other
- ☐ In Presence
- ☐ Remotely/Online
- ☐ Mixed

Geospatial education centers



<https://gse-unil.github.io/un-ggim-gs/>

UN-GGIM CENTERS

- Bonn (2021): **UN Global Geodetic Centre of Excellence**
- Daqing (2023): **UN Global Geospatial Knowledge and Innovation Centre**
- Riyadh (2024): **United Nations Global Geospatial Ecosystem Centre**

Riyadh (2024): **United Nations Global Geospatial Ecosystem Centre**

- Goal 1 | Promote Geospatial Information and knowledge as a Public Good
- Goal 2 | Foster Digital Cooperation and Innovation / GEO-AI
- Goal 3 | Bridge the Geospatial Digital Divide
- Goal 4 | Embed Anticipatory Governance and Adaptive Decision-Making
- Goal 5 | : Safeguard Trust, Human Rights, and Ethical Stewardship

ACTIVITIES IN GEO-AI

To bring back home

⇒ Technology, Innovation

⇒ Training, education

⇒ Promotion structures

Thank you for your attention

UN-GGIM Geospatial Societies Website <http://www.fig.net/unggimsgs/>