EB Meeting of the UN-GGIM-AP

Sydney, 6th May 2024

Facilitating the Operation of UN-GGIM-AP by Access to Geospatial Research and Education

UN-GGIM Academic Network

Mission, Organization and Proposed Contribution to **UN-GGIM-AP**
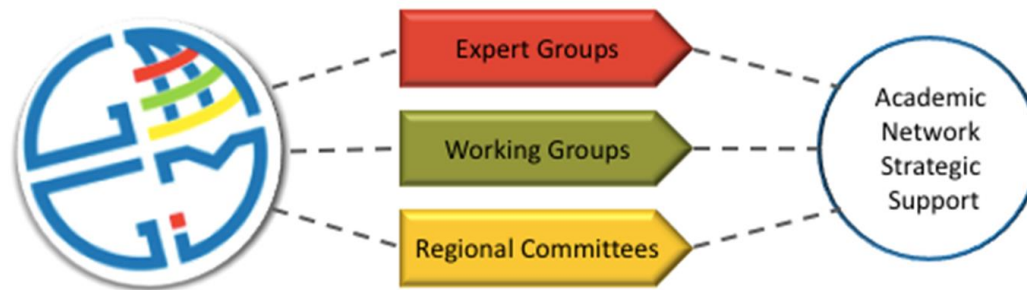
http://unggim.academicnetwork.org

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UN-GGIM Academic Network-Background

- Academic Network is a **Strategic Knowledge, Research and Training Arm of UN-GGIM**. The Academic Network was established officially at the 6th session of UN-GGIM in 2016.

- The Network is a coalition of recognized universities, research and education centers or equivalent involved in the research, development and training on geospatial and land information and related matters.

Expert Groups

Working Groups

Regional Committees

Academic Network Strategic Support

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The Network, 68 members

Recommendation 1, Membership:
Encouraging AP Members main Geospatial/Surveying/Land Universities to join the Academic Network.
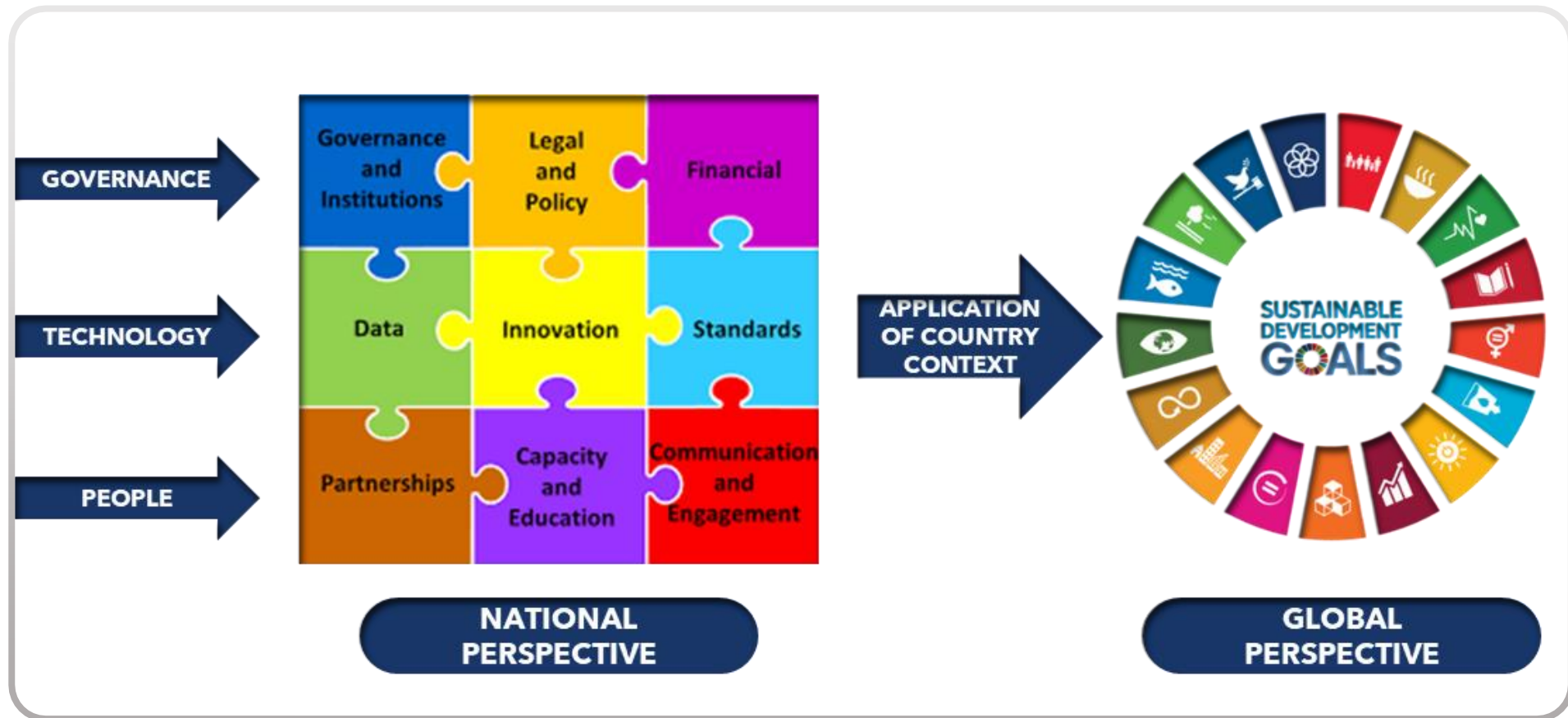
Our Objectives

- Promote and foster collaboration between universities/research entities to support UN-GGIM Plan and Activities;

- Encouraging Members to undertake work that can contribute to the **UN-GGIM** and its **Regional Committees,** and contributing to **UN-SDGs** as well as **UN-IGIF**;

- Forum of geospatial academics and researchers to advance competencies and qualifications needed for the UN-GGIM and supporting Member States;

- Communication Platform for member countries to bring to the attention of the Network key needs, problems, and areas of research needs and advancements;

- **Capacity Building** and developing an inventory of international education programs open to and recommended for UN-GGIM actors.
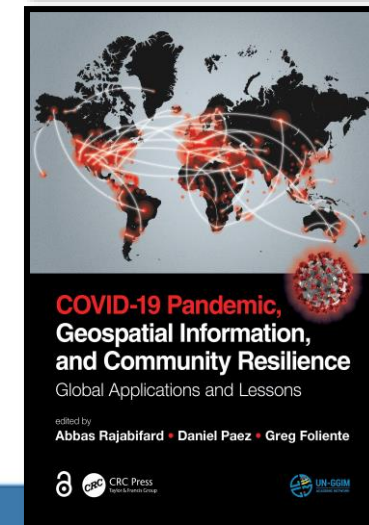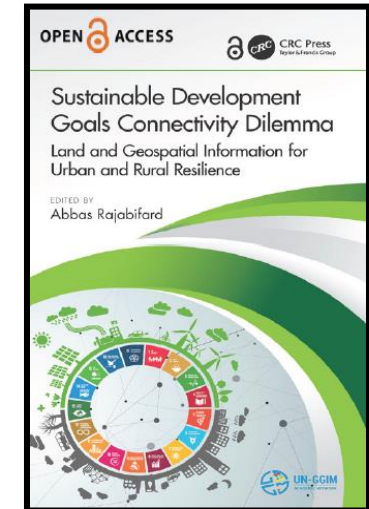
Strategic Activities

- Strategic alignment with UN-GGIM Agenda and **UN-IGIF Framework**
  - **Academic Network Contributes across all *IGIF Components***

Strategic Activities

- Collaboration and joint Activities with other Functional and Thematic Groups;

- Annual UN-GGIM Side-events and Reginal events, eg:

  - 13th UN-GGIM Session 2023, "**GeoAI- Opportunities and Challenges**", jointly with PSN-Private Sector Network,
  - 12th UN-GGIM Session 2022 "**Trustful and Ethical Use of Geospatial Data: the Role of Academics**"
  - 2nd WGGIC in Hyderabad, India 2022, "**Bridging Academia and Industry in Geospatial Research, Education and Training**"

- **Publications**:
  - **Book on SDGs Connectivity Dilemma**, Lunched at **UN-GGIM 2019 (****Open Access****)**

  - **Book on COVID-19 Pandemic**, Geospatial Information, and Community Resilience, Global Applications, Launched at **UN-GGIM 2021(****Open Access****)**

  - **Book on 'Mapping for a Sustainable World**' was published 2020 applicable to UN-IGIF: All kind of visualization developments can be useful at some point in time in some of the 9 UN-IGIF Components.

  - Special Issue : IJGI Trustful and Ethical Use of Geospatial Data, 2023
  - Special issue of ISPRS International Journal of Geo-Information; *deadline for manuscript submissions: 31 July 2023*
  - Mapathon (with UN Geospatial Network), 2022

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Strategic Activities

Facilitate **access to Education** via curated collection of resource contributed by UN-GGIM AN's members:

http://unggim.academicnetwork.org/educational-material/

Strategic Activities

- Facilitate discussion on ***Ethical use of Geo-AI*** via:
  - Series of side-events organized at 11th, 12th and 13th UN-GGIM Sessions;
  - Series of webinars on e.g. **Geospatial Entablements**, GeoAI for Good - three examples:
    - Workshop on 'Building a foundation for geospatial AI: defining a syllabus and body of knowledge'
    - Members participating in 'GeoAI Challenge'.
    - A webinar with panel discussion on GeoAI Education

UN-GGIM-AP and Academic Network

Recommendation 2-Collaboration with WGs:

A joint Team with AN to identify the needs of all WGs and opportunity to closely collaborate to support WGs' WorkPlans by developing joint Events e.g. *Seminars, Workshops, Short Term Trainings* to address the **Strategic Directions of WGs**.

WG1

Capacity Building Opportunities in 2024-

- Capacity Development Workshop on Geodesy on November 2024 in India in conjunction with UN-GGIM-AP 13th Plenary (TBD)
- WG1 annual session at the UN-GGIM-AP 13th Plenary in India on November 2024
- PGSC meetings
  The GeTEWS Oceania 2024 Implementing Workshop in Suva, Fiji on November 4-8, 2024
- Subcommittee on Geodesy and Global Geodetic Center of Excellence in Bonn, Germany on March 2025 (TBD)
- Other opportunities?

WG4

HLG-IGIF Working Groups
Advancing the Plan of Work

IGIF Workshop for Capacity Building in India

WG2

WG2 Resolutions from 12th UN-GGIM-AP Plenary Meeting (Bali, Indonesia @November 2023) (1 of 2)

- *Recognizing* the importance of the strategic work plan 2023-2035 of the Expert Group on Land Administration and Management (EG- LAM);
- *Implementing* the Framework for Effective Land Administration (FELA) at the national level and in collaboration with regional committees, functional groups and international organizations;
- *Encourage* member States to engage in the Framework for Effective Land Administration, especially by translating it in their own languages and practically implementing it, leverage the UN-IGIF Implementation Guide, and work with the UN-GGIM Expert Group on Land Administration and Management;

UN-GGIM AN & UN-GGKIC

Recommendation 3:

Opportunity to closely collaborate with UN-GGKIC in Deqing, China to support UN-GGIM-AP by developing a series of Seminars, Workshops, Training and joint Events to address the strategic Direction of UN-GGIM-AP and its priorities.

Thank You!

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