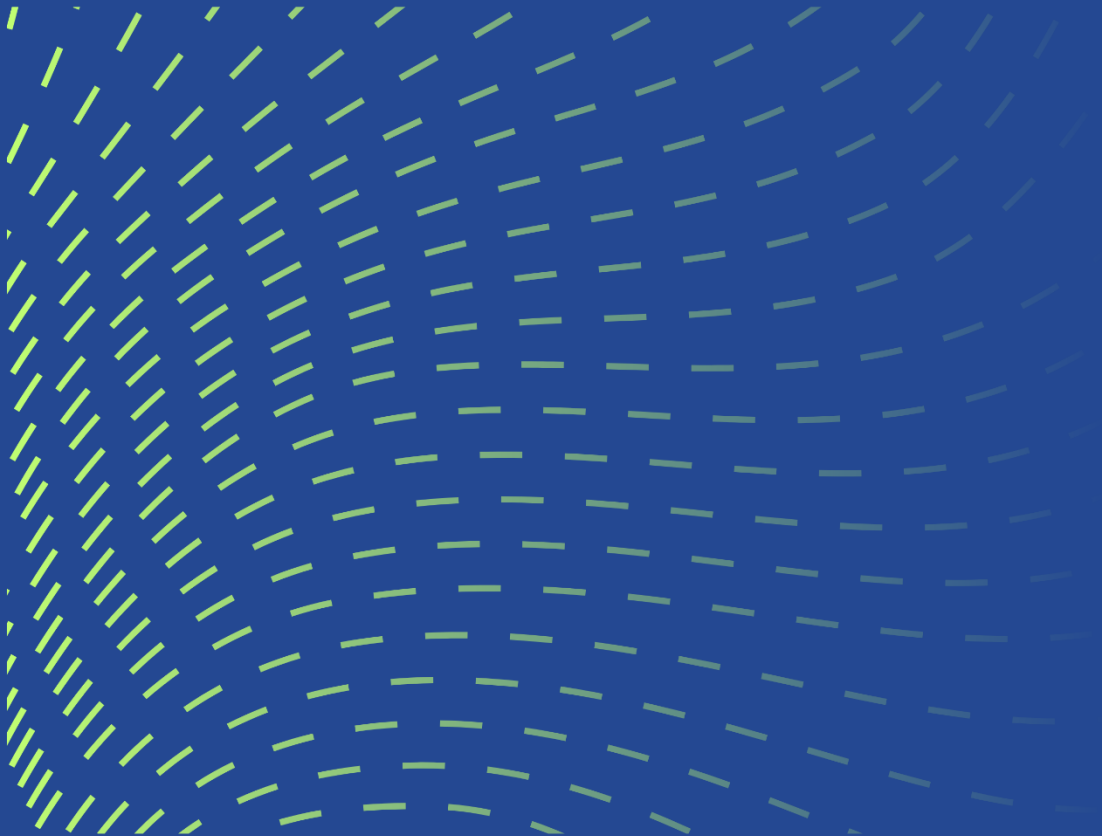




UN-GGIM-AP

REGIONAL COMMITTEE OF
UNITED NATIONS
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT
FOR ASIA & THE PACIFIC



President of the Regional Committee of
United Nations Global Geospatial Information
Management for Asia and the Pacific (UN-
GGIM-AP) 2022 – 2025

End of Term Report



UNITED NATIONS
ESCAP

Economic and Social Commission for Asia and the Pacific



UN-GGIM-AP

REGIONAL COMMITTEE OF
UNITED NATIONS
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT
FOR ASIA & THE PACIFIC

**President of the Regional Committee of
United Nations Global Geospatial Information Management
for Asia and the Pacific (UN-GGIM-AP)
2022 – 2025**

End of Term Report

Mr. Antonius B. Wijanarto

September 2025

Message from President

Distinguished members of UN-GGIM-AP,

It is my pleasure to present this report on behalf of the UN-GGIM-AP Regional Committee for the period 2022–2025. It highlights the Regional Committee's achievements and activities since the eleventh Plenary Meeting of UN-GGIM-AP in Hyderabad, India, in October 2022. The report also identifies potential opportunities and challenges that we may face.

Although the pandemic has subsided, travel restrictions, precautions and financial constraints remain challenges for Member States in the region. Nevertheless, our regional Committee has remained consistent and aligned with global agendas, such as the implementation of the UN-IGIF, the GSGF, and the 2030 Agenda for Sustainable Development.

During the 15th session of UN-GGIM at the UN Headquarters in New York, member states endorsed the UN-GGIM Strategic Framework 2025–2030, with which our regional Committee must now align. The UN Global Centers of Excellence (UNGGCE in Bonn and UNGGKIC in Deqing) have benefited our region by advancing our geospatial information management, and we are looking forward to the upcoming center in Riyadh.

Finally, we realize that our region is complex in terms of geography, demographics, environment and economy, but we are one big family and can work together to ensure the sustainability of our region. I would like to congratulate you all on your commitment to and engagement in our regional activities and thank our Secretariat (ESCAP) for its excellent support. I wish you all the best.



President (2022-2025),

A handwritten signature in blue ink, reading "ABWijanarto".

Antonius B. Wijanarto

Executive Board

The regional Committee was decided based on Rules and Statutes. The Executive Board 2022-2025¹ were nominated and approved during the 11th Plenary Meeting held in Hyderabad, India on 14 October 2022. There were few changes in administrative arrangements in the regional Committee during the three intersessional periods. Existing administrative practices remained in place. UN-GGIM-AP elected three new Executive Board members: China, Fiji and Nepal during its twelfth Plenary Meeting on 7 November 2023. The Executive Board of UN-GGIM-AP for 2022-2025 are as follows.

Executive Board	2022-2023	2023-2024	2024-2025 ²
President	Indonesia	Indonesia	Indonesia
Vice Presidents	India Japan Singapore	India Japan Singapore	India Japan Singapore
Members	Australia Iran Malaysia Mongolia Republic of Korea Russian Federation	Australia China Fiji Iran Malaysia Mongolia Nepal Republic of Korea Russian Federation	Australia China Fiji Iran Malaysia Mongolia Nepal Republic of Korea Russian Federation

Executive Board	Representatives		
	2022-2023	2023-2024	2024-2025
Indonesia	Mr. Antonius Wijanarto	Mr. Antonius Wijanarto	Mr. Antonius Wijanarto
India	Mr. Sunil Kumar	Mr. Hitesh Kumar S Makwana	Mr. Hitesh Kumar S Makwana
Japan	Mr. Soichi Oki	Mr. Yo Iida	Mr. Yo Iida
Singapore	Mr. Victor Khoo	Mr. Victor Khoo	Mr. Victor Khoo
Australia	Mr. Steven Hill/ Ms. Lisa Bush	Ms. Lisa Bush/Ms. Maree Wilson	Ms. Maree Wilson
China		Ms. Wenli Feng	Ms. Wenli Feng
Fiji		Ms. Meizyanne Hicks	Ms. Meizyanne Hicks
Iran (Islamic Rep.)	Mr. Ali Javidaneh	Mr. Seyed Eskandar Seydayei	Mr. Seyed Eskandar Seydayei
Malaysia	Mr. Mohammad Zaki bin Mohd Ghazali	Mr. Mohammad Zaki bin Mohd Ghazali	Sr Hazri bin Hassan
Mongolia	Mr. Enkhmanlai Anand	Mr. Enkhmanlai Anand	Mr. Enkhmanlai Anand
Nepal		Mr. Prakash Joshi	Mr. Prakash Joshi
Republic of Korea	Ms. Hea-Weon Kim	Ms. Hea-Weon Kim	Mr. Nam Kyung-woong
Russian Federation	Mr. Alexey Trifonov	Mr. Alexey Trifonov	Mr. Alexey Trifonov

¹ Executive Board | UN-GGIM-AP

² <https://un-ggim-ap.org/eb-members>

Working Groups

Four Working Groups¹ were established, with the approval of the Committee, to carry out the objectives of the Committee. Each Working Group shall, where possible, be chaired by a Member of the Executive Board, but in the case of a Working Group Chair not being a Board Member then he/she will be an ex-officio member of the Board. Working Group Chairs can appoint coordinators for key activities within their work program and these coordinators may report to the Working Group Chairs. Chairs and Vice Chairs of each working group are as follows.

Working Group 1: Geodetic Reference Frame²

Name	Country	Organisation
Mr. Basara Miyahara (Chair)	Japan	Geospatial Information Authority of Japan
Mr. Guorong Hu	Australia	Geoscience Australia
Mr. Yamin Dang	China	Chinese Academy of Surveying & Mapping (CASM)
Mr. Asakaia Tabu	Fiji	Lands Department of Fiji
Mr. Neeraj Gurjar	India	Survey of India
Mr. Sidik Tri Wibowo	Indonesia	Geospatial Information Agency of Indonesia
Mr. Seyed Abdoreza Saadat Mirghadim	Iran	National Cartographic Centre
Mr. Ahmad Sanusi bin Che Cob	Malaysia	Geodetic Division, Department of Survey and Mapping Malaysia
Ms. Dalkhaa Munkhtsetseg	Mongolia	Agency for Land Administration and Management, Geodesy and Cartography (ALAMGC)
Mr. Nick Donnelly	New Zealand	Land Information New Zealand (LINZ)
Ms. Seohee Park	Republic of Korea (the)	National Geographic Information Institute (NGII)
Mr. Paulino da Cruz	Timor-Leste	Directorate General Land and Property (DGTP)

Working Group 2: Integrated Geospatial Information for Effective Land Administration³

Name	Country	Organisation
Mr. Victor Khoo (Chair)	Singapore	Singapore Land Authority
Mr. Robert Sarib	Australia	ICSM Member for Northern Territory of Australia (NTA)
Mr. Greg Ledwidge	Australia	Intergovernmental Committee on Surveying and Mapping (ICSM)
Mr. Josefa R. Vuniamatana	Fiji	Lands Department of Fiji
Mr. Pardeep Singh	India	Survey of India
Mr. Virgo Eresta Jaya	Indonesia	Ministry of Land Affairs and Spatial Planning of Indonesia
Mr. Hidenori Fujimura	Japan	Geospatial Information Authority of Japan
Mr. Muhammad Salim bin	Malaysia	Department of Survey and Mapping Malaysia

¹ Article 13 Working Groups

² <https://un-ggim-ap.org/wg/working-group-1-geodetic-reference-frame>

³ <https://un-ggim-ap.org/wg/working-group-2-integrated-geospatial-information-effective-land-administration>

Mohammed Asari		
Mr. Tsevelmaa Ikhabayar	Mongolia	Land Administration and Management, Geodesy and Cartography
Ms. Malia Savelina Pale	Tonga	Ministry of Lands & Natural Resources

Working Group 3: Integrating Geospatial Information and Statistics¹

Name	Country	Organisation
Mr. Seyed Eskandar Seydayei (Chair)	Iran	National Cartographic Center
Mr. Peng Shu	China	National Geomatics Center of China Ministry of Natural Resources of People's Republic of China
Mr Shailesh Kumar Sinha	India	Survey of India
Mr. Dheny Trie Wahyu Sampurno	Indonesia	Geospatial Information Agency of Indonesia
Mr. Hidenori Fujimura	Japan	Geospatial Information Authority of Japan
Sr Siti Zainun binti Mohamad	Malaysia	Department of Survey and Mapping Malaysia
Ms. Bayarmaa Enkhtur	Mongolia	Agency for Land Administration and Management, Geodesy and Cartography (ALAMGC)
Mr. Jeon Bu-nam	Republic of Korea (the)	National Geographic Information Institute, Ministry of Land, Infrastructure and Transport

Working Group 4: Integrated Geospatial Information Framework²

Name	Country	Organisation
Mr. Shri Pankaj Mishra (Chair)	India	Survey of India
Ms. Meizyanne Hicks	Fiji	Ministry of Lands and Mineral Resources
Mr. Tandang Yuliadi Dwi Putra	Indonesia	Geospatial Information Agency of Indonesia
Mr. Hidenori Fujimura	Japan	Geospatial Information Authority of Japan
Mr. Azlim Khan bin Abdul Raof Khan	Malaysia	Department of Survey and Mapping Malaysia
Mr. Jang Hyun-Jin	Republic of Korea (the)	National Geographic Information Institute, Ministry of Land, Infrastructure and Transport

Private Sector Network for Asia and the Pacific (PSN-AP) and Academic Network for Asia and the Pacific (AN-AP)

During the Twelfth Plenary Meeting of UN-GGIM-AP held in Bali 2023, the Regional Committee approved the establishment of the Academic Network and the Private Sector Network for Asia and the Pacific to enhance the collaboration and involvement of the academic and private sectors to contribute to the work of the Regional Committee and the member States.

Aligned with the vision of UNGGIM-PSN, PSN-AP is an active Private Sector

¹ <https://un-ggim-ap.org/wg/working-group-3-integrating-geospatial-information-and-statistics>

² <https://un-ggim-ap.org/wg/working-group-4-integrated-geospatial-information-framework>

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.

Secretariat

According to our Statutes adopted on 22 November 2018¹, the Secretariat of the Committee is the United Nations Economic and Social Commission for Asia and the Pacific (UN-ESCAP). The Secretariat manages the continuing administrative affairs of the Committee, facilitate and coordinates the Committee's activities, prepare and submit reports on activities of the Committee to the UN-GGIM and relevant international bodies, and promote UN-GGIM guidelines to the members of the Committee.

¹ Article 14 Secretariat

Main Achievements

Terms of Reference

Following the eleventh Plenary Meeting of UN-GGIM-AP in Hyderabad, President of UN-GGIM-AP Regional Committee proposed a draft of Terms of Reference to Executive Board. UN-GGIM-AP shall identify regional issues relevant to geospatial information management and take necessary actions on them for the furtherance of the discussions in the annual plenary meeting of the Committee, and thus contribute to the discussions in the United Nations Committee of Experts on Global Geospatial Information Management Agenda (UN-GGIM) so that the economic, social and environmental benefits of geospatial information will be maximized in Asia and the Pacific region. The Terms of Reference of the Executive Board 2022-2025 was endorsed by the Board during the Executive Board Meeting held in Singapore on 13 March 2023, published through UN-GGIM-AP website¹ and reported to GGIM at UNHQ in New York.

Plenary Meeting

Twelfth Plenary Meeting

The 12th Plenary meeting of the United Nations Global Geospatial Information Management for Asia and the Pacific was held at the Discovery Kartika Plaza Hotel on 6-10 November 2023, in Bali, Indonesia, hosted by Geospatial Information Agency of Indonesia (BIG). The Plenary meeting was as a significant event at the Asia-Pacific Geospatial Forum (APGF 2023), whose theme was “Embracing Geospatial Innovation for Sustainable World”, aiming to enable all the geospatial practitioners in the global and especially Asia-Pacific to share their innovations in geospatial information related to global initiatives for a sustainable world.

This series of events consisted of an International Seminar, Geodetic Reference Frames and Applications for Disasters Workshop, IGIF workshop, Regional Capacity Development Workshop and the 12th UN-GGIM-AP meeting, which offered a remarkable opportunity to exchange knowledge, experiences and capacity building concerning geospatial innovation among member countries, thereby enhancing expertise and proficiency in the field of geospatial information. Furthermore, this meeting could build coordination and cooperation through international agenda between the UN-GGIM Regional Committee. Our Working Groups also had their respective meetings at the Plenary.

Meeting Outcomes

1. The Regional Committee of UN-GGIM-AP accepted the proposal by regional Committees of the Arab States for collaboration with the regional committees of Asia and the Pacific.

¹ https://un-ggim-ap.org/sites/default/files/media/docs/draft_GGIM-AP-ToR%202022-2025_finalised_25042023.pdf.

2. The Regional Committee of UN-GGIM-GP approved the establishment of the Academic Network and the Private Sector Network for Asia and the Pacific to enhance the collaboration and involvement of the academic and private sectors to contribute to the work of the Regional Committee and the member States.



Thirteenth Plenary Meeting

The thirteenth Plenary Meeting of the UN-GGIM-AP which was held at the Bharat Mandapam, IECC from 26th to 29th November 2024, in New Delhi, India, hosted by Survey of India (SOI). The Plenary Meeting provided a great opportunity to share and exchange experience and capabilities among member countries to boost knowledge and expertise in the geospatial information field. Furthermore, this meeting provided the necessary thrust for more active cooperation and maintaining and developing ties among member countries in different aspects.



As a precursor to the plenary meeting, four international conferences were organized on the theme “Geo-enabling the Data Economy for Sustainable Development.” These conferences, jointly hosted by the UN-GGIM AP Working Groups and the Survey of India, provided an excellent platform for knowledge exchange, sharing experiences, and shaping a roadmap for future sustainable cooperation.

Meeting Outcomes

In collaboration with the Academic Network and the Private Sector Network for Asia and the Pacific, the Regional Committee of UN-GGIM-AP recognized the important roles of both networks in implementing the UN-IGIF and supporting the sharing of knowledge, innovative tools/systems and capacity development; also recognized the support of Geospatial World in advancing the value and expanding the horizons of the geospatial industry ecosystem, as well as enhancing geospatial knowledge infrastructure in the Asia Pacific region; appreciated the contributions of the Academic Network and Private Sector Network in developing innovative applications of geospatial information for sustainable development across multiple areas; in creating approaches, tools and methodologies in relevant working groups; as well as in promoting capacity-building efforts.

Fourteenth Plenary Meeting

The 14th Plenary Meeting of the UN-GGIM-AP which will be held at the KINTEX (2) from 24th to 26th September 2025, in Goyang, Republic of Korea, hosted by the National Geographic Information Institute (NGII).

In conjunction with the UN-GGIM-AP Plenary Meeting, an international seminar on "Shaping the Future: Geo-Innovation, Geo-Solutions", the K-GEO Festa (National Geospatial Event) Annual, and the ESDI (Eurasian Spatial Data Infrastructure) Conference are also held.

A key agenda item will be the election of the new Executive Board (2025–2028), which will shape future leadership and direction. All members are encouraged to actively participate in this important process. The Plenary will also review the status of current Working Groups (WGs), including whether to continue, conclude, or establish new ones based on regional priorities and the UN-GGIM Strategic Framework 2025–2030. Existing WGs may also meet during the Plenary.



Executive Board Meetings

Executive Board Meeting, Singapore, March 13, 2023

Objectives

The objectives of the Executive Board Meeting are to (1) discuss the work plan of UN-GGIM-AP for 2022-2025, including the preparation of the Twelfth Plenary Meeting of

UN-GGIM-AP in 2023, and other planned events of working groups; (2) review the guidelines for events of UN-GGIM-AP; (3) update communication channels among members of UN-GGIM-AP.

Meeting Outcomes

1. The Board endorsed the Terms of Reference for 2022-2025, proposed by the President.
2. Indonesia, being the host of the twelfth Plenary Meeting presented the general overview of the agenda. The agenda was then presented in the UN-GGIM-AP meeting in UNHQ (the side event of the Thirteenth Session).
3. The Board endorsed each working group's work plan and included it in the Terms of Reference for 2022-2025.

List of Participant¹

Member States:

Australia	Ms. Lisa Bush	Geoscience Australia
India	Mr. Sunil Kumar Mr. Pankaj Mishra Mr. Pardeep Singh	Survey of India
Indonesia	Mr. Muh Aris Marfai Mr. Antonius Wijanarto Mr. Tandang Yuliadi Dwi Putra Mr. Dheny T.W. Sampurno	Geospatial Information Agency of Indonesia
Japan	Mr. Shoichi Oki Mr. Basara Miyahara	Geospatial Information Authority of Japan
Republic of Korea	Mr. Woo-jin Sung Mr. Munsung Koh Ms. Soojin Kim	NGII LX Korea LX Korea
Russian Federation	Mr. Alexey Trifonov	The Federal Service for State Registration, Cadastre and Cartography
Singapore	Mr. Victor Khoo Mr. Kean Huat Soon Mr. Bharadwaj Anna Kumaresh Ms. Chiok Pei Wen	Singapore Land Authority

Observers

- Mr. Chen Jun, National Geomatics Center of China;
- Mr. Rohan Bennett, International Federation of Surveyors;
- Mr. Trevor Taylor, Open Geospatial Consortium.

United Nations system and related entities

- UNESCAP: Mr. Keran Wang, Mr. Chul Min Lee, Space Applications Section
- UN-GGIM Private Sector Network: Mr. Zaffar Mohamed-Ghouse, AAM

¹ https://un-ggim-ap.org/sites/default/files/media/docs/LOP_EB_Meeting_Singapore_public_28032023.pdf



Executive Board Meeting, Sydney, Australia, 06 May 2024

Objectives

The objectives of the Executive Board Meeting are to: (1) discuss the details about Establishment of Academic Network and Private Sector Network of Asia- Pacific; (2) review the work plan and Terms of Reference of UN-GGIM-AP for 2022-2025; (3) preparations of the Thirteenth Plenary Meeting of UN-GGIM-AP, Fourteenth Session of UN-GGIM, and other planned events of working groups in 2024; (4) update communication channels among members of UN-GGIM-AP.



Meeting Outcomes

1. The Board agreed to the establishment of Academic Network and Private Sector Network of Asia-Pacific, with its Terms of Reference being circulated within EB members for further discussion.
2. The Board acknowledged all work plans and activities of EB members including the four working groups as being aligned with the Terms of Reference of UN-GGIM-AP for 2022-2025 apart from some budget and other limitations.
3. To gain participation of member states in the region, the Executive Board

agreed that for the Thirteenth Plenary Meeting of UN-GGIM-AP held in India the regional Committees needed to collaborate with other regional Committees, UN entities, the two UN Global Geospatial Centers of excellence and other relevant entities.

List of Participants

Member States:

Country	Representative	Organisation
Australia	Ms. Lisa Bush	Geoscience Australia
China	Mr. Xudong Guo Mr. Kejing Jia	China Land Surveying and Planning Institute
India	Mr. Hitesh Kumar S Makwana Mr. Shailesh Kumar Sinha Mr. Pankaj Mishra Ms. Shubha Pandey	Survey of India Dept. of Science and Technology
Indonesia	Mr. Antonius Wijanarto Mr. Tandang Yuliadi Dwi Putra Mr. Dheny T.W. Sampurno Ms. Wulan Yustia Sahroni Ms. Lien Rosalina	Geospatial Information Agency
Islamic Republic of Iran	Mr. Ali Javidaneh Ms. Azadeh Aghamohammadi	National Cartographic Center (online)
Japan	Mr. Yo Iida Mr. Basara Miyahara	Geospatial Information Authority of Japan
Malaysia	Mr. Ahmad Sanusi Che Cob	Department of Survey and Mapping
Republic of Korea	Mr. Woo Sug Cho Mr. Hyun Jin Jang	NGII
Singapore	Mr. Kean Huat Soon	Singapore Land Authority

United Nations system and related entities

- UNESCAP: Mr. Keran Wang, Ms. Shiyue Fan, UN-GGIM-AP Secretariat
- UN-GGIM Private Sector Network: Mr. Zaffar Mohamed-Ghouse, AAM
- UN-GGIM Academic Network Mr. Abbas Rajabifard (online).

Executive Board Meeting Deqing, China, 3-5 June 2025

Objectives

The objectives of this EB meeting are: (1) Review the outcomes from UN-GGIM-AP 13 and the current EB performance. (2) Plan the election of a new EB (President, Vice Presidents, and other members) to serve a three-year term at the upcoming plenary meeting. (3) Discuss and refine the nomination procedures and election rules, including secret ballot protocols and continuity of current EB members. (4) Explore proposed new themes for Working Groups and decide whether to renew, conclude, or establish new groups in alignment with global geospatial priorities (e.g., UNSD guidelines, UN-GGIM-AP Resolutions). (5) Prepare logistical and strategic arrangements for the 14th Plenary Meeting and related preparatory sessions.



Meeting Outcomes

1. **Election of new Executive Board.** The Board held an in-depth discussion on the upcoming election of the new Executive Board for the 2025–2028 term. Relevant statutory provisions on term limits, nomination procedures, and voting rules were reviewed, and members agreed on the following next steps and deadlines: (1) By 1 July 2025, the Secretariat, under instructions from the President, shall provide Members, Advisors, and Observers with a written notice regarding the date, venue, and the agenda for the 14th Plenary meeting of the UN-GGIM-AP. (2) By 5 July 2025, the President will send a letter to ALL member countries of the AP Committee to request them to consider the election of EB and informally express their interest in being the EB members, President and Vice President; the letter should be sent to current focal points of the UN-GGIM-AP in a country and copy the Permanent Representatives to ESCAP. (3) The feedback from member countries should be submitted to the Secretariat by 30 July 2025. (4) the Secretariat will report to the President by 10 August. The Board also discussed procedures in case of under- or over-nomination and whether current EB members wished to serve a second term.
2. **Working Groups.** The Board evaluated the continuation of current groups and considered new themes such as the AI Working Group, Young Geospatial Leaders Network, and the Virtual Technical Advisory Group for the Pacific. Members noted potential overlaps with existing groups and suggested that new priorities be identified based on the forthcoming UN-GGIM Strategic Framework 2025–2030. The final formal discussion and decision will be made

at the 14th Plenary Meeting.

3. **The 14th Plenary meeting of UN-GGIM-AP.** Mr. Cho Woosug from National Geospatial Information Institute (NGII, Republic of Korea) provided an update on the preparation for the 14th UN-GGIM-AP Plenary Meeting, scheduled for 25–26 September 2025 at KINTEX 2 in Ilsan. Side events, including the Global Seminar “Geo-Innovation & Geo-Solution” and the 2025 K-GEO Festa, are planned for 24 September. Speaker nominations are open. The proposed agenda includes executive and liaison reports, elections, WG establishment, and adoption of resolutions. The Board discussed the meeting format (hybrid or in-person), timing of related WG and EB meetings, and the deadline for contributions to the Secretariat’s 2022–2025 report (by 31 August).
4. **Preparations for the Fifteenth Session of UN-GGI.** Preparations for the Fifteenth Session of UN-GGIM were reviewed, including the organization of a regional side event.

List of participants

China	Ms. Wenli Feng Ms. Xiaohong Jiang Ms. Zhiling Huang Mr. Shu Peng,	Ministry of Natural Resources China Land Surveying and Planning Institute National Geomatics Center of China
India	Mr. Hitesh Kumar S Makwana Mr. Pankaj Mishra Mr. Pardeep Singh	Survey of India
Indonesia	Mr. Antonius Wijanarto	Geospatial Information Agency
Islamic Republic of Iran	Mr. Seyed Eskandar Seydaei Mr. Nima Ghasemloo	National Cartographic Center
Japan	Mr. Yo Iida Ms. Taeka Miyashita Mr. Soichiro Takesaki	Geospatial Information Authority of Japan
Mongolia	Mr. Enkhmanlai Anand Mr. Ikhbayar Tsevelmaa Ms. Misheel Altan-Erdene	General Authority for Land Administration, Geodesy and Cartography
Republic of Korea	Mr. Woo Sug Cho Mr. Hyun Jin Jang Mr. Myeonghun Jeong	NGII
Russian Federation	Mr. Aleksei Trifonov	Rosreestr
Singapore	Mr. Victor Khoo Hock Soon Mr. Roy Yuen Ze Min	Singapore Land Authority

United Nations system and related entities

- UNESCAP: Ms. Shiyue Fan, UN-GGIM-AP Secretariat

Inter-Regional Committees Collaboration

The United Nations Committee of Experts on Global Geospatial Information Management, in its thirteenth session from 2–4 August 2023 (decision 13/102), acknowledged and endorsed the endeavors of the regional committees to enhance engagement and alignment across the five regions. This was achieved through effective communication and collaboration, increased awareness, knowledge-sharing, best

practices, tools, technical expertise and interregional capacity-building initiatives. These efforts aim to strengthen national geospatial information management, thereby empowering Member States to leverage the benefits of geospatial information, technology and innovation.

First Inter-regional Meeting

From 6–10 November 2023, the Government of Indonesia hosted the Twelfth Plenary Meeting of the UN-GGIM-AP. The inter-regional Committee meeting, which was organized to promote interregional dialogue and strengthen engagement and cooperation, was held as part of this event. All regional committees are working to align their regional focus and work plan with the global agenda and program of work of the Committee of Experts. They will also share resources where appropriate and avoid duplication. In essence, regional committees aim to facilitate a seamless integration of global concepts with local realities, thereby benefiting their respective Member States within their regions.

Three of the five regional committees were represented in person, and two regions participated via video conferencing. The following key outcomes were agreed upon at the meeting:

- strengthening inter-regional engagement and sharing of information, including regional activities, case studies and webinars;
- keeping respective websites of regional committees up-to-date and providing web links to all other regional committees; and
- considering inter-regional cooperation, including 'bilaterally', i.e. between two regions, with the aim of enhancing national geospatial information management and data integration for evidence-based policy development and accelerating the achievement of national development goals and the SDGs.

There were two notable decisions:

1. to meet, in-person, at least twice a year. Once at the annual sessions of the Committee of Experts each August at UNHQ, and the other, to be hosted by a regional Committee, on a rotational basis, during its annual plenary meeting.
2. beginning with the fourteenth session, to coordinate the preparation of their joint report to the Committee of Experts under agenda item 4 – Contribution of regional committees to the global geospatial information agenda. The regional committees noted that the thematic networks and the standard development organizations organized and coordinated amongst themselves the preparation of their reports to the Committee of Experts. In this regard, UN-GGIM-AP will take the lead for the fourteenth session and thereafter, by another regional Committee, again on a rotational basis.

The regional committees agreed it is important to share regional perspective, engage and discuss with the Committee of Experts issues, challenges and opportunities at the regional level and to seek appropriate guidance and decisions from the Committee of Experts. The regional committees welcomed the opportunity to meet and engage with one another, in-person, including with the Bureau and the High-level Group of the Integrated Geospatial Information Framework (HLG-IGIF), having taken note that the next expanded bureau meeting of the Committee of Experts and plenary meetings of

the HLG-IGIF in January 2024.



Second Inter-regional Committees' Meeting

The second meeting of the five regional committees was held at the fourteenth session of the Committee of Experts each August 2024 at UNHQ. The meeting was attended by all five regional committees of UNGGIM and their secretariat, discussing the challenges of each regional Committee and also identifying opportunities and solutions for the regional Committees to engage and collaborate in any regional or global activities. A pivotal moment emerged during the meeting as a proposal for a collaborative project between UNGGIM and UNGEGN was introduced by a UNGEGN representative. This initiative garnered approval from all five regional committees, with the imperative to tackle duplication of effort standing out as a key motivator for the project proposal.



Bilateral Collaboration Between UN-GGIM-AP and UNGGIM Arab States

The Regional Committees of UN-GGIM: Arab States and UN-GGIM-AP committed to developing a shared understanding and solutions addressing regional challenges. The collaboration aims to utilize regional solutions to effectively address unique challenges of the two regions. A workplan covering four areas of collaboration has been developed and the first scope of collaboration was executed during the eleventh plenary meeting of UNGGIM: Arab States.

Vision	Resolve regional issues by collective experience and knowledge sharing.
Mission	To foster collaborative efforts within UNGGIM regions utilising regional solutions.
Objective	The regional Committee of the Arab States and Asia Pacific commit to developing a shared understanding and solution to address regional challenges.

UNGGIM-AP Contributions

Scope of Collaboration	Schedule	Anticipated Outcome
<i>Disaster Management:</i> The Asia Pacific region working group on disaster will present and share knowledge to UNGGIM Arab States in a workshop.	2024 Arab States UNGGIM Meeting (Feb, Doha)	Joint initiatives / Data Sharing/ Knowledge sharing/ Capacity building between the regions.
<i>Land Management:</i> The Asia Pacific region will share its experience on the topic of Land Management with Arab state's colleagues in a workshop or a round table.	2024 Arab States UNGGIM Meeting	Joint initiatives / Data Sharing/ Knowledge sharing/ Capacity building between the regions.

Workshop on Disaster Management conducted at UN-GGIM-Arab States Meeting (Feb 2024, Doha)

No	Presentation	Presenter
1	Australian Experience of using Geospatial Information for Disaster Management	Dr. Mohamed Zaffar Director – Advisory & Innovation, Woolpert Asia-Pacific
2	Geospatial Technologies for Disaster Management in Japan	Mr. Yo IIDA Director-General of Geospatial Information Department, GSI Japan
3	GSI's Disaster Responses using Geospatial Technology for 2024 Noto Peninsula Earthquake	Mr. Shuto SUGAI Deputy Director of International Affairs Division, Planning Department, GSI Japan

UNGGIM: Arab States Contributions

Scope of Collaboration	Schedule	Anticipated Outcome
<i>Policy and Standards:</i> The Arab States will present their experience and share the knowledge with UNGGIM Asia Pacific colleagues in a	2024 Asia Pacific UNGGIM Meeting	Joint initiatives / Data Sharing/ Knowledge sharing/ Capacity building between the regions.

workshop	(TBD)	
<i>Geospatial Ecosystem:</i> The Arab States will present their experience and share the knowledge with UNGGIM Asia Pacific colleagues in a workshop on the topic of Geospatial Ecosystems	2024 Asia Pacific UNGGIM Meeting (TBD)	Joint initiatives / Data Sharing/ Knowledge sharing/ Capacity building between the regions.

The Regional Committee for Asia and the Pacific (UN-GGIM-AP) emphasizes robust inter-regional and inter-agency collaboration to address shared geospatial challenges and advance sustainable development. UN-GGIM-AP welcomed active participation from other regional committees in Africa, the Americas, the Arab States, and Europe during its thirteenth Plenary meeting, underscoring the need for enhanced coordination to avoid duplication. Collaboration with the UN-GGKIC is prioritized to strengthen national geospatial capacities, particularly in implementing the UN Integrated Geospatial Information Framework (UN-IGIF).

Additionally, the UN-GGIM-AP reinforces engagement with the Academic Network, Geospatial Societies, and Private Sector Network to cultivate youth talent through initiatives like the Young Geospatial Leaders Network, ensuring cross-sectoral mentorship and resource-sharing. By aligning inter-regional priorities, sharing best practices, and mobilizing multi-stakeholder partnerships, UN-GGIM-AP aims to build a cohesive, inclusive geospatial ecosystem that drives innovation and resilience across Asia and the Pacific.

President/Vice President attending Other Regional Committee Meeting

Participation in the Tenth Session of UN-GGIM: Americas in 2023

A celebration of the Tenth Anniversary of UN-GGIM: Americas, during the Tenth Session of UN-GGIM: Americas was held in-person in Santiago, Chile from 18th to 20th October 2023. Representatives of regional committees of UN-GGIM Arab States and UN-GGIM-AP attended the meeting.

On behalf of UN-GGIM-AP, Mr. Antonius B. Wijanarto (President, Indonesia) delivered a congratulatory message and presented the challenges and opportunities of UN-GGIM-AP as well as potential collaborations. Both UN-GGIM: Arab States and UN-GGIM-AP highlighted the relevance of collaboration at both the intra-regional and inter-regional levels, and the importance of mutual learning in the context of geospatial information management.

Participation in the Tenth Plenary Meeting of UNGGIM Europe, in 2023

A celebration of the Tenth Anniversary of UN-GGIM Europe, during the Tenth Plenary Meeting of UN-GGIM Europe was held in-person in Berlaymont Building, Brussel, Belgium from 22nd to 23rd November 2023. Representatives of regional committees of UN-GGIM Arab States and UN-GGIM-AP attended the meeting.

On behalf of UN-GGIM-AP, Mr. Antonius B. Wijanarto (President, Indonesia)

delivered a congratulatory message and presented the status, challenges and opportunities of UN-GGIM-AP and reported the result of the first inter-regional meeting held earlier in Bali, Indonesia during the Twelfth Plenary Meeting of UN-GGIM-AP.

Participation in the Eleventh Session of UN-GGIM: Americas in 2024

A session on Interregional Collaboration meeting was held during the Eleventh Session of UN-GGIM: Americas 7th October 2024 in Mexico City, Mexico. All five regional committees attended the meeting with discussion about potential collaborative activities during the inter-sessional period.

On behalf of UN-GGIM-AP, Mr. Antonius B. Wijanarto presented the activities of UN-GGIM-AP and the outcomes of the inter-regional committees activities, which was coordinated by the Regional Committee of UN-GGIM-AP from the August 2023 to August 2024 including collaborative reporting for Agenda #4: contribution of regional committees to the global geospatial information agenda, connecting regional committees' websites, a hybrid meeting in Bali, Indonesia, and in-person meeting in New York, and approving the joint project proposed by UNGEGN.

Participation in the Eleventh Plenary Meeting of the UN-GGIM Europe in 2024

A session on Interregional Collaboration was held during the 11th Plenary Meeting of UN-GGIM Europe on 19 June 2024 in Geneva, with in-person participation from representatives of the regional Committees of UN-GGIM Africa, UN-GGIM Arab States, and UN-GGIM for Asia and the Pacific.

On behalf of UN-GGIM-AP, Mr. Hitesh Kumar S. Makwana, Vice President (India), delivered a presentation highlighting the key events and activities of the Committee. The session proved to be a significant step for enhancing mutual understanding and fostering greater synergy among regional committees, thereby advancing the global geospatial agenda in a more coordinated and impactful manner.

Participation in the Twelfth Plenary Meeting of UN-GGIM: Arab States in 2025

Date: February 2-4, 2025.

Host: GEOSA, Kingdom of Saudi Arabia.

Attendees: Mr. Antonius Wijanarto (Indonesia), Mr. Victor Khoo (Singapore).

Contribution of UN-GGIM-AP to Global Agenda

UN-GGIM-AP operated effectively in line with its mandate and guidance given by the Committee of Experts and contributing to its activities. The Regional Committee has closely cooperated with UN-GGIM as well as the other regional committees, to ensure that Member States are well informed of and involved in the work of the Committee of Experts such as:

- The Committee supported and contributed to the second United Nations World Geospatial Information Congress (UNWGIC) held on 10-14 October 2022 in Hyderabad, India.
- The Committee cooperated with the Secretariat for the nominations of

representatives from the Asia Pacific region to the UN-GGIM Subcommittee on Geodesy.

- The Committee continued its efforts to identify and report regional issues to the Thirteenth Session of UN-GGIM. The Regional Committee held the “First UN-GGIM Inter-Regional Committee Meeting” with other four regional committees of UN-GGIM (representatives from Americas and Arab State attended in-person, representatives from Africa and Europe attended online) on 7 November 2023 in Bali, Indonesia.
- The Regional Committee supported and contributed to the “Expert consultation to enhance national geospatial information management arrangements and accelerate the achievement of the SDGs meeting” held by UN Statistics Division (UNSD) with expert representatives of Member States from UN-GGIM-AP on 10 November 2023 in Bali, Indonesia.
- The President/Vice Presidents of the Regional Committee attended plenary meetings of UN-GGIM regional committees in the Americas, Arab States and Europe for in-depth cooperation and communication and also the High-Level Group of the Integrated Geospatial Information Framework (HLG-IGIF) third plenary meeting, in person.
- The Regional Committee actively engaged and supported the “High-level Seminar on the Integration of Geospatial and Statistical Information” held by UNSD, together with ESCAP and Statistics Norway from 28 to 30 November 2023 in Bangkok, Thailand.
- The Regional Committee assisted the “Listening Tour meeting in Asia and the Pacific region” held by the United Nations Global Geodetic Centre of Excellence (UN-GGCE) on 31 Jan 2024.
- The Regional Committee coordinated with the United Nations Global Geospatial Knowledge and Innovation Centre (UNGGKIC) to support regional capacity development for the Integrated Geospatial Information Framework (IGIF) and technical support to pilot countries.
- The Regional Committee regularly attended and contributed to monthly virtual meetings of the UN-GGIM Geospatial Network, UN Open GIS, and GeoAI & Analytics Working Group.
- The Regional Committee continued to identify and report regional issues to the sessions of the UN-GGIM.
- The Regional Committee led the development of a joint report for Agenda #4: Contribution of regional committees to the global geospatial information agenda to the Committee of the United Nations Global Geospatial Information Management at its Fourteenth session in August 2024.
- The Regional Committee collaborated with the Secretariat to convene a Cross-Regional Committee Meeting as an official side event during the Fourteenth session, to improve coordination, promote knowledge-sharing frameworks, and align strategies across all Regional Committees.
- The President/Vice President of the Regional Committee attended plenary meetings of UN-GGIM regional committees in the Americas, Arab States and Europe for in-depth cooperation and communication. The President also attended the High-Level Group of the Integrated Geospatial Information Framework (HLG-IGIF) fifth plenary meeting in person.

- The Regional Committee held a Workshop on Enhancing the Management of Geospatial Data Sharing for Disaster Risk Reduction and Sustainable Development in collaboration with the United Nations Global Geospatial Knowledge and Innovation Centre (UN-GGKIC) in Deqing, China on 21-23 October 2024.
- The Regional Committee designed the Questionnaire on IGIF Capacity Building in collaboration with the UN-GGKIC to evaluate member countries' needs, facilitating the sharing of lessons and surveys from UN-IGIF and the GSGF, to support regional capacity development.
- The Regional Committee contributed to monthly virtual meetings of the UN-GGIM Geospatial Network and some GeoCommunities meetings.

Working Groups

The work program of the Regional Committee of UN-GGIM-AP was supported by four working groups and the Secretariat. The Secretariat, UN Economic Commission for Asia and the Pacific (ESCAP), through coordination and collaboration with the regional Committee also supported the preparation of publications and staging of activities.

2016-2018	2018-2022	2022-2025
WG1 on Geodetic Reference WG2 on Disaster Risk Management WG3 on Regional SDI WG4 on Cadaster and Land Management	WG1: Geodetic Reference Frame WG2: Cadastre and Land Management WG3: Integrating Geospatial Information and Statistics	WG1: Geodetic Reference Frame WG2: Integrated Geospatial Information for Effective Land Administration WG3: Integrating Geospatial Information and Statistics WG4: Integrated Geospatial Information Framework

WG1: Geodetic Reference Frame

Objectives

UN-GGIM-AP Working Group 1 on Geodetic Reference Framework aims to improve access to the Global Geodetic Reference Frame (GGRF) through development and maintenance of the regional geodetic reference frame, which supports regional geodetic cooperation, enhances regional Global Navigation Satellite System (GNSS) cooperation and develops geodetic capacity through workshops and seminars in the region. The WG has four main activities in the term 2022-2025: the Asia-Pacific Reference Frame (APREF) project, the Asia-Pacific Regional Geodetic Project (APRGP), the Asia-Pacific Regional Height System Unification (APRHSU) and the Asia-Pacific Geodetic Capacity Building (APGCB) project.

Activities/Achievement

The higher priority of the WG is to improve access to practical realization of the GGRF, the International Terrestrial Reference Frame (ITRF) in the region. For this purpose, the WG operates two geodetic projects, the APREF and the APRGP. Through these projects, the WG provides improved access to ITRF to the countries in the region by densifying the ITRF sites of which coordinates are precisely determined from continuous and/or campaign GNSS observation and processing. The APREF is the ITRF-consistent regional geodetic reference frame for Asia and the Pacific and realized by over 1,100 GNSS Continuously Operating Reference Stations (CORS). All the weekly coordinate and long-term velocity solutions of APREF are openly/freely available at the APREF websites. The APREF has welcomed additional GNSS CORS stations from the member countries during the term, and the total number of stations routinely processed by the APREF is now over 1,100. For the countries who still do not have enough GNSS CORS in their countries, the WG provides an opportunity to

improve access to the ITRF through the annual GNSS campaign project, APRGP. The WG has been hosting one-week GNSS campaign every year during the term, and around ten member countries participated in the project with their GNSS campaign stations each year. Full reports of the APRGP each year are available at the UN-GGIM-AP website. The WG also has been focusing on geodetic capacity development in the region and organizing capacity development workshops and seminars on geodetic reference frames and related topics in collaboration with the International Association of Geodesy (IAG), the International Federation of Surveyors (FIG), and related stakeholders aiming to enhance geodetic capacity and provide opportunity for further networking. The WG also closely work with the UN-GGCE for sustainable Global Geodesy Supply Chain and acts as gateway to connect the regional geodetic community with the global geodetic community.

In the year 2022, the APREF transitioned its weekly solutions to the latest version of ITRF, ITRF2020/IGB20 and provides access to the latest ITRF to the countries in the region. The APRGP project conducted its annual GNSS campaign observation from 11 to 17 September 2022. 116 stations from seven member countries participated in the campaign.

In the year 2023, the WG held a Geodetic Reference Frames and Applications for Disasters Workshop during the period of the twelfth plenary meeting of the UN-GGIM-AP on 7 November. The workshop focused on the modernization of geodetic reference frames especially in the countries on the dynamic plate boundaries, geodesy contribution to disaster risk reduction, particularly GNSS enhanced Tsunami Early Warning Systems, and geodesy needs assessment in the region, as inputs to the Global Geodesy Needs Assessment by the UN-GGCE. The workshop was co-organized by the WG, the International Association of Geodesy (IAG), the International Federation of Surveyors (FIG), and the Geospatial Information Agency of Indonesia (BIG) as an opportunity to provide capacity development in geodesy and enhance networking among related stakeholders in the region. The Chair of the WG participated in the UN-GGCE Second Consultative Meeting for the Global Geodesy Development Plan at the UN Campus Bonn in November 2023 and reported activities of the WG to support better understanding on geodesy in the region. The APRGP project conducted its annual GNSS campaign observation from 10 to 17 September 2023. 124 stations from nine member countries participated in the campaign,

In the year 2024, the WG participated in the second meeting of the UN-GGCE International Advisory Committee and the fourth plenary meeting of the Subcommittee on Geodesy at the UN Campus Bonn in March and participated in the development of the first joint Global Geodesy Development Plan by sharing unique geodetic needs, challenges and issues in the region. The Chair of the WG also participated in the Expert Consultation meeting on Strengthening the Global Geodesy Supply Chain at the UN Campus Bonn in April 2024 and participated in discussion on the need to stabilize the Global Geodesy Supply Chain. The WG held a *Capacity Development Workshop on Sustainable Operation of GNSS CORS Network*¹ during the thirteenth Plenary meeting of the UN-GGIM-AP on 27 November 2024. The workshop focused on challenges in

¹ [https://un-ggim-ap.org/sites/default/files/media/docs/Capacity Development Workshop Sustainable Operation of GNSS CORS Network on 27 NOV 2024.zip](https://un-ggim-ap.org/sites/default/files/media/docs/Capacity%20Development%20Workshop%20Sustainable%20Operation%20of%20GNSS%20CORS%20Network%20on%2027%20NOV%202024.zip)

national CORS operation and maintenance in the Member countries and international efforts to support GNSS CORS operation. The workshop was co-organized by the WG, the IAG, the FIG, and the Survey of India (SOI) as an opportunity to provide capacity development in geodesy and enhance networking among related stakeholders in the region. The Chair and a Vice-chair of the WG also participated in the UN-GGCE International Workshop on the Integration of Terrestrial, Maritime, Built and Cadastral Domains, which was hosted by BIG Indonesia in Bogor, Indonesia, in December 2024. The APRGP project conducted its annual GNSS campaign observation from 10 to 17 September 2024. 124 stations from nine member countries participated in the campaign,

In the year 2025, the Chair and eight of Vice-Chairs of the WG participated in the Joint UN-GGIM Subcommittee on Geodesy fifth Plenary and third UN-GGCE International Advisory Committee meeting at the UN Campus Bonn in March 2025 and shared progress at the country level, identified unique geodetic needs and challenges in the region. The WG also co-organized FIG Technical Seminar on Reference Frame in Practice, which was held in Brisbane, Australia in April 2025. The Seminar focuses on reference frame theory, best practices and challenges in countries in the countries especially in the Pacific Island States. The Chair of the WG delivered presentations on the regional committee and its WG on geodetic reference frame at the Seminar. The APRGP project conducted its annual GNSS campaign observation from 7 to 13 September 2025. All data are under processing by Geoscience Australia,

WG2: Integrated Geospatial Information for Effective Land Administration

Objectives

UN-GGIM-AP Working Group 2 on Cadastre and Land Management aims to provide leadership, facilitate coordination, promote international standards and frameworks and activate partnerships in the cadastre and land management sector to deliver sustainable social, economic and environmental development in the Asia-Pacific region. WG2 also focuses on innovation in the areas including data collection, systems, institutional and legal framework and capacity building for the region's land administration. Land issues cut across all the Sustainable Development Goals. WG2 is committed to disseminating good practices and supporting sustainable development in the Asia-Pacific community.

Activities/Achievements

In the year 2022, the Working Group held a parallel meeting during the procession of the second UNWGIC on Cadastre and Land Management on 12 October highlighting activities and use cases of effective land management in the Asia Pacific region.

Recognising the importance of the strategic plan of the UN Expert Group on Land Administration and Management (EG-LAM) for 2023-2025, WG 2 updated and aligned its resolution with the strategic plan during the twelfth UN-GGIM-AP plenary meeting in Bali from 6-10 November 2023. The aim is to support the implementation

of the Framework for Effective Land Administration (FELA) at the national and sub-national levels. To strengthen its partnership beyond Asia and the Pacific region, together with UNGGIM-Americas, WG 2 updated and shared its activities with the members of EG-LAM at the fifth meeting of EG-LAM in Aguascalientes, Mexico from 8- 11 April 2024.

The WG held a *Regional Seminar on Effective Land Administration & Management*¹ during the thirteenth Plenary meeting of the UN-GGIM-AP on 26 November 2024. The seminar highlighted recent advances in land administration and cadastral systems across Member States—sharing both successes and challenges—to provide practical insights for countries at all stages of modernizing their land administration frameworks. The seminar was co-organized by the WG, the Singapore Land Authority (SLA) and the SOI to foster knowledge exchange, inspire cross-border collaborations, and identify potential solutions to common challenges in the evolving landscape of land management.

WG3: Integrating Geospatial Information and Statistics

Objectives

Working Group 3 on Integrating Geospatial Information and Statistics aims to integrate statistic and spatial data to monitor targets and indicators of Sustainable Development Goals (SDGs).

Activities/Achievements

In 2023, 3-year plan of action with a time budgeting is in discussion with the deliberation and consideration of priorities in the region and sharing ideas with vice chairs. There are plans to hold webinars to discuss the feasibility of the plan and convene opinions to strengthen and implement stages.

WG3 held a *Regional Seminar on Integration of Geo-spatial & Statistical Information*² during the period of the thirteenth Plenary meeting of the UN-GGIM-AP on 26 November 2024. During the seminar, Member States shared case studies on applying the Global Statistical Geospatial Framework, highlighting benefits, technical challenges, and policy impacts. Experts reviewed tools—GIS platforms, big-data analytics, AI, and remote sensing—and discussed standards, data-sharing practices, and capacity needs.

The activities of WG3 for the current year encompass a comprehensive review of the principles of the Global Statistical Geospatial Framework (GSGF), along with a regional assessment of their implementation. Considerable efforts have been undertaken to identify and engage key stakeholders to facilitate the integration of

¹ [https://un-ggim-ap.org/sites/default/files/media/docs/Regional Seminar on Effective Land Administration on 26 NOV 2024.zip](https://un-ggim-ap.org/sites/default/files/media/docs/Regional%20Seminar%20on%20Effective%20Land%20Administration%20on%2026%20Nov%202024.zip)

² [https://un-ggim-ap.org/sites/default/files/media/docs/Regional Seminar on Integration of Geo-spatial %26 Stat Info on 26 NOV 2024.zip](https://un-ggim-ap.org/sites/default/files/media/docs/Regional%20Seminar%20on%20Integration%20of%20Geo-spatial%20Stat%20Info%20on%2026%20Nov%202024.zip)

spatial and statistical data. The group has also investigated and employed practical approaches for incorporating statistical geospatial data into existing spatial data infrastructures. Based on these findings, a set of recommendations has been formulated to strengthen and advance regional spatial data infrastructures. These initiatives are intended to promote the effective implementation of the GSGF throughout the Asia and the Pacific region.

WG4: Integrated Geospatial Information Framework

Objectives

Working Group 4 on Integrated Geospatial Information Framework aims to advance the implementation and raise awareness of the developed framework and its components at regional and country levels.

Activities/Achievements

In the year 2022, the Working Group has been formed and initiated for the first time. It has finalized short, medium, and long term plans and strategies as well as indicative timelines.

The working group held an UN-IGIF workshop during the UN-GGIM-AP twelfth plenary meeting in November 2023 at Bali, Indonesia. All regional committees (Americas, Arab States, Europe, and Africa) participated and shared their experiences and practices in implementing the UN-IGIF in their region. During the workshop, 18 member countries from Asia-Pacific region presented their country report covering various activities, actions, plans and status of existing geoinformation management structure, including implementation of the UN-IGIF.

The working group held a *Regional Seminar on Integrated Geospatial Information Framework (IGIF)*¹ during the period of the thirteenth Plenary meeting of the UN-GGIM-AP on 27 November 2024. The seminar promoted geospatial data integration for sustainable development, focusing on awareness, best practices and addressing challenges. Discussions covered global progress, funding strategies, case studies, governance models, and SDG alignment. The seminar was co-organized by the WG, the UN-GGKIC, SOI, and BIG-Indonesia to strengthen regional geospatial ecosystems through innovation and knowledge-sharing.

The working group supports member countries to develop Country Action Plans based on UN-IGIF and share good practices in implementing them. The Kingdom of Tonga has published the National Integrated Geospatial Action Plan in 2023 as well as Moldova (2021) and Mongolia (2020). The document is accessible via [the UN-GGIM Website](#).

¹ [https://un-ggim-ap.org/sites/default/files/media/docs/Regional Seminar on IGIF on 27 NOV 2024.zip](https://un-ggim-ap.org/sites/default/files/media/docs/Regional%20Seminar%20on%20IGIF%20on%2027%20NOV%2024.zip)

Secretariat

The secretariat of the Committee shall be the United Nations Economic and Social Commission for Asia and the Pacific (UN-ESCAP), which has served as the Secretariat of UN-GGIM-AP since late November 2018. The Secretariat supports the President in managing the continuing administrative affairs of the Committee, facilitates and coordinates the Committee's activities, prepares and submits reports on the Committee's activities to the UN-GGIM and relevant international bodies, and promotes UN-GGIM guidelines to the Committee's members.

In 2022-2023, during the very difficult time of the COVID-19 pandemic, the Secretariat has operated effectively in line with its mandate and guidance given by UN-GGIM, contributing to its activities, including 1) supported and contributed to the second United Nations World Geospatial Information Congress (UNWGIC) held on 10-14 October 2022 in Hyderabad, India, 2) cooperated with the UN-GGIM Secretariat for the nominations of representatives from the Asia Pacific region to the UN-GGIM Subcommittee on Geodesy, and 3) under the COVID-19 pandemic reluctance to travel, collaborated with the Singapore Land Authority and organized the Executive Board meeting on 13 March 2023 in Singapore. With the support of the Survey of India, the eleventh Plenary Meeting of UN-GGIM-AP was held on 14 October 2022 in Hyderabad, India, in a hybrid format (in-person and virtual), after two virtually organized Plenary meetings in 2020 and 2021 because of COVID-19 pandemic precautions.

In 2023-2024 the Secretariat operated effectively in line with its mandate and guidance given by the Committee and closely cooperated with UN-GGIM and the other regional committees to ensure that Member States were well informed of and involved in the Committee's work. For example, 1) held the "First UN-GGIM Inter-Regional Committee Meeting" with the other four regional committees on 7 November 2023 in Bali, Indonesia, and 2) supported and contributed to the "Expert consultation to enhance national geospatial information management arrangements and accelerate the achievement of the SDGs meeting" held by UN Statistics Division (UNSD) on 10 November 2023 in Bali, Indonesia, 3) actively engaged and supported the "High-level Seminar on the Integration of Geospatial and Statistical Information" held by UNSD, from 28 to 30 November 2023 in Bangkok, Thailand, 4) coordinated with the United Nations Global Geospatial Knowledge and Innovation Centre (UNGKIC) to support regional capacity development for the Integrated Geospatial Information Framework (IGIF) and technical support to pilot countries, and 5) regularly attended and contributed to monthly virtual meetings of the UN-GGIM Geospatial Network, UN Open GIS, and GeoAI & Analytics Working Group. In addition, the Secretariat, in collaboration with the Geospatial Information Agency of Indonesia (BIG), which is the host of the twelfth plenary meeting of the UN-GGIM-AP, supported the Asia-Pacific Geospatial Forum (APGF 2023), held in Bali, Indonesia, from 6 to 10 November 2023. Approximately 80 participants from 19 member countries attended in person.

After the COVID-19 pandemic, with the support of Geoscience Australia, the Executive Board meeting took place on 6 May 2024 in Sydney, Australia.

Collaborated with the regional committees of UN-GGIM: Arab States, the Secretariat supported the development of a shared understanding and solutions addressing regional challenges. The collaboration aims to utilize regional solutions to effectively address the unique challenges of the two regions. A work plan covering four areas of collaboration has been developed, and the first scope of collaboration was executed during the eleventh plenary meeting of UN-GGIM: Arab States.

After the COVID-19 pandemic, the Secretariat organized a free online course on “Introduction to Geospatial Data Analysis with ChatGPT and Google Earth Engine” with the United Nations University and held a series of webinars on Disaster Hotspot Mapping and Risk Assessment, leveraging geospatial information and innovative tools to contribute to long-term capacity building and development in the Asia and Pacific region. In addition, the secretariat is devoted to the UN-GGIM-AP network maintenance and information sharing to foster stronger ties and collaborations in the region, for better achievement of the Sustainable Development Goals (SDGs), including providing information on free and online geospatial information related courses and webinars, Global Statistical and Geospatial Framework (GSGF) e-Learning course, virtual training programmes, funded scholarship programs and engaging UN-IGIF survey, etc.

In 2024-2025 the Secretariat collaborated with the UN-GGIM Secretariat to convene a Cross-Regional Committee Meeting as an official side event during the Fourteenth session of UN-GGIM in August 2024 to improve coordination, promote knowledge-sharing frameworks, and align strategies across all UN-GGIM Regional Committees. In addition, the Secretariat, in collaboration with the United Nations Global Geospatial Knowledge and Innovation Centre (UN-GGKIC), organized a Workshop on Enhancing the Management of Geospatial Data Sharing for Disaster Risk Reduction and Sustainable Development in Deqing, China, on 21-23 October 2024.

The Secretariat supported the design of the Questionnaire on IGIF Capacity Building in collaboration with the UN-GGKIC to evaluate member countries' needs, facilitating the sharing of lessons and surveys from UN-IGIF and the GSGF, to support regional capacity development.

The Secretariat also contributed to monthly virtual meetings of the UN-GGIM Geospatial Network and some GeoCommunities meetings.

On 26 to 29 November 2024 the thirteenth Plenary meeting of the UN-GGIM-AP was convened in New Delhi, India in-person and hosted by the Survey of India, Department of Science & Technology (SOI/DST) as a significant adjoining event to an international conference themed Geo-enabling the Data Economy for Sustainable Development. Over 110 participants from 29 member countries, regional Committees for Arab States and Europe, international organizations, and networks attended the meeting.

The Secretariat supported and coordinated with WGs members on workshops and campaigns, such as the Asia Pacific Regional Geodetic Project (APRGP) GPS campaign in 2024 and 2025.

In knowledge and information sharing, the Secretariat published the “Geospatial

Practices for Sustainable Development” series—Geospatial Practices for Sustainable Development in East and North-East Asia 2024: A Compendium in October 2024. It brings together over 100 country- and subregion-level case studies across six thematic areas—Disaster Risk Reduction and Resilience; Natural Resource Management; Connectivity; Social Development; Energy; and Climate Change—to showcase how satellite imagery, GIS, AI, and related tools are being used to modernize national operations, bridge development gaps, and strengthen resilience.

The Secretariat remains committed to sustaining and enhancing the regional geospatial network to accelerate the Sustainable Development Goals (SDGs). It consistently maintains and updates the UN-GGIM-AP website—ensuring seamless links with other Regional Committees and UN-GGIM portals—and actively shares information on free online geospatial courses, webinars, e-Learning programme, virtual training, and funded scholarships.

In addition, the Secretariat has facilitated the roll-out of key regional surveys—including the UNGEGN/UN-GGIM collaborative project questionnaire, a survey on integrating land, marine, and cadastral domains via geospatial technologies, and an assessment of National Geospatial Information Management (NGIM) adoption among Small Island Developing States (SIDS)—to foster stronger collaboration, guide capacity building, and inform policy across Asia and the Pacific.

Financial and budgetary constraints remain persistent challenges for both Member States and the Secretariat in the region. The thirteenth Plenary Meeting of UN-GGIM-AP emphasized the critical importance of sustained financial and in-kind contributions to ensure the continued delivery of Secretariat services that support regional priorities and advance geospatial innovation, collaboration, and sustainable development.

The Secretariat appreciates the Government of the Republic of Korea for its financial contribution to its work during the 2022–2024 period, and appreciates the Government of China for the secondment of a Junior Professional Officer during 2023–2025. These contributions have been instrumental in strengthening the Secretariat’s operational capacity and in advancing the Committee’s shared objectives. Looking ahead, Member States are strongly encouraged to continue exploring opportunities for in-kind and financial contributions to further reinforce the Secretariat’s ability to support the Regional Committee, especially in light of the expanding, evolving demands and persistent resource gaps.

Regional Priority Issues

Financial and budgetary constraints remain persistent challenges for both Member States and the Secretariat in the region. The thirteenth Plenary Meeting of UN-GGIM-AP emphasized the critical importance of sustained financial and in-kind contributions to ensure the continued delivery of Secretariat services that support regional priorities and advance geospatial innovation, collaboration, and sustainable development.

The Regional Committee expressed its deep appreciation to the Government of the Republic of Korea for its financial contribution to the Secretariat's work during the 2022–2024 period. It also acknowledged with gratitude the Government of China for the secondment of a Junior Professional Officer during the same period. These contributions have been instrumental in strengthening the Secretariat's operational capacity and in advancing the Committee's shared objectives.

Looking ahead, Member States are strongly encouraged to continue exploring opportunities for in-kind and financial contributions to further reinforce the Secretariat's ability to support the Regional Committee, especially in light of the expanding evolving demands and persistent resource gaps.

The thirteenth Plenary Meeting outlined a cohesive set of regional priorities, including: enhancing geospatial capacity in developing countries and Pacific Small Island Developing States (SIDS) through targeted technical and financial support, particularly for foundational infrastructure such as geodetic reference frames (e.g., ITRF adoption) and open data-sharing mechanisms; accelerating the implementation of the United Nations Integrated Geospatial Information Framework (UN-IGIF) to modernize national geospatial operations and align with global initiatives like the Global Statistical Geospatial Framework (GSGF) for SDG monitoring; and integrating the Framework for Effective Land Administration (FELA) to strengthen land governance across the region.

The region remains committed to fostering cross-regional and cross-functional collaboration to avoid duplication of efforts. This includes strategic partnerships with the International Federation of Surveyors (FIG), regional initiatives such as the Asia-Pacific Regional Reference Frame (APREF), and global platforms like the United Nations Global Geospatial Knowledge and Innovation Centre (UN-GGKIC). Real-time geodetic data sharing is also promoted to support disaster risk management, including GNSS-augmented tsunami warning systems and sea-level rise monitoring to address climate change impacts.

Youth engagement continues to be a priority, particularly through the establishment of a Young Geospatial Leaders Network, aimed at developing the next generation of geospatial professionals through mentorship and capacity-building opportunities. Innovation in 3D geospatial datasets and analysis-ready SDG indicators further supports the region's advancement.

Tailored assistance to Pacific SIDS, including the creation of a Virtual Technical Advisory Group, remains a key priority to help these countries customize UN-IGIF

action plans in accordance with their unique needs and resource constraints. The Committee also acknowledged the potential for establishing a UN-GGIM-AP Geospatial Information Service Centre as a means to provide long-term, sustainable support for regional geospatial development.

At the upcoming Plenary Meeting in September 2025, where the current Executive Board (in office since November 2022) will conclude its term, Member States will elect a new Executive Board and consider proposals to reorganize and realign the structure of existing Working Groups. This transition provides an important opportunity to strengthen the Committee's institutional framework and to ensure that its subsidiary bodies remain fit-for-purpose to meet the region's emerging challenges and priorities.

Collectively, these efforts will help build an inclusive, resilient, and technologically advanced regional geospatial ecosystem, positioning geospatial information as a cornerstone for sustainable development, climate action, and disaster preparedness across Asia and the Pacific.






















































Acknowledgment of Thanks

The Regional Committee of United Nations Global Geospatial Information Management for Asia and the Pacific and the Secretariat (ESCAP) would like to express appreciations to the following member states, regional committees, and/or organizations.

Australia	for hosting the Executive Board meeting of UN-GGIM-AP, in May 2024 in Sydney;
China, P.R.	for <u>hosting</u> the Executive Board meeting of UN-GGIM-AP, from 2 nd to 4 th June 2025 in Deqing, Huzhou, Zhejiang Province and <u>contributing</u> to the Secretariat's work through the secondment of a Junior Professional Officer in 2022-2024
India	for <u>hosting</u> the Thirteen Plenary meetings of UN-GGIM-AP in 2024 and International Conference on “Geo-enabling the Data Economy for Sustainable Development” on 26 to 29 November 2024, along with a series of regional seminars, which were held in New Delhi, <u>sponsoring</u> nine participants to attend the Thirteen Plenary meeting and <u>chairing</u> the WG 4 on Integrated Geospatial Information Framework;
Indonesia	for hosting the Twelfth Plenary meetings of UN-GGIM-AP as a significant event at the Asia-Pacific Geospatial Forum (APGF 2023), which were held from 7 th to 9 th November 2023 in Bali;
Iran (Islamic Republic of)	for chairing the WG 3 on Integrating Geospatial Information and Statistics;
Japan	for chairing the WG 1 on Integrated Geospatial Information for Effective Land Administration 2022-2025;
Korea (Republic of)	for <u>hosting</u> the Fourteen Plenary meetings of UN-GGIM-AP and an international seminar on "Shaping the Future: Geo-Innovation, Geo-Solutions", the K-GEO Festa (National Geospatial Event) Annual, and the ESDI (Eurasian Spatial Data Infrastructure) Conference, which is now held from 24 th to 26 th September 2025, in Goyang; <u>chairing</u> the WG 2 on Integrated Geospatial Information for Effective Land Administration 2022-2023; and <u>contributing</u> to the Secretariat's work through financial support during 2022-2024
Singapore	for <u>hosting</u> the Executive Board meeting of UN-GGIM-AP, on 13 th March 2023 and <u>chairing</u> the WG 2 on Integrated Geospatial Information for Effective Land Administration from 2024-2025
United Nations Global Geospatial Knowledge and	for sponsoring six participants to attend the Thirteenth Plenary meeting and contributing to the regional

Innovation Centre	activities and meeting;
United Nations Global Geodetic Center of Excellence	for contributing to the regional activities and meeting;
UN-GGIM Regional Committees for Africa, Americas, Arab States and Europe	for continues collaboration, sharing and exchange of knowledge to ensure that no regional Committee is left behind.
Other UN entities (PSN, Academic Network, Geospatial Network, UNSD) and global organization (FIG, IAG, ISO, OGC)	for contributing to the regional activities and meeting;

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