

Briefing on key activities

Secretariat of UN-GGIM-AP

Mr. Keran Wang, Chief, SAS/ IDD/ESCAP

6 May 2024



UN-GGIM-AP

Regional Committee of United Nations
Global Geospatial Information Management
for Asia and the Pacific

www.un-ggim-ap.org/

12th Plenary Meeting

Successfully held on 6-10 November 2023, in Bali, Indonesia, hosted by Geospatial Information Agency of Indonesia (BIG).



Key outcomes

1. Broader coverage of the representation

- ❑ About 80+ participants from about 19 member countries attended in person.
- ❑ UN-GGIM: Americas and UN-GGIM: Arab States attended in person.
- ❑ UN-GGIM: Europe and UN-GGIM: Africa joined online.
- ❑ 10+ participants from geospatial-related communities attended in person.



Key outcomes

2. Engaged three new EB members

Executive Board



Mr. Antonius
Bambang Wijanarto
President
Indonesia



Mr. Sunil Kumar
Vice-President
India



Mr. Shoichi Oki
Vice-President
Japan



Mr. Victor Khoo
Vice-President
Singapore



Ms. Lisa Bush
Australia



Mr. Ali Javidaneh
Islamic Republic of Iran



Sr Mohammad Zaki
bin Mohd Ghazali
Malaysia



Mr. Enkhmanlai
Anand
Mongolia



Mr. Nam Kyung-
woong
Republic of Korea (the)



Mr. Alexey Trifonov
Russian Federation (the)

3 new EB members:
China, Nepal, Fiji



Key outcomes

3. Enhanced cooperation networking

- ❑ the UN-GGIM-AP Private Sectors Network
- ❑ The UN-GGIM-AP Academic Network



In Asia and the Pacific region



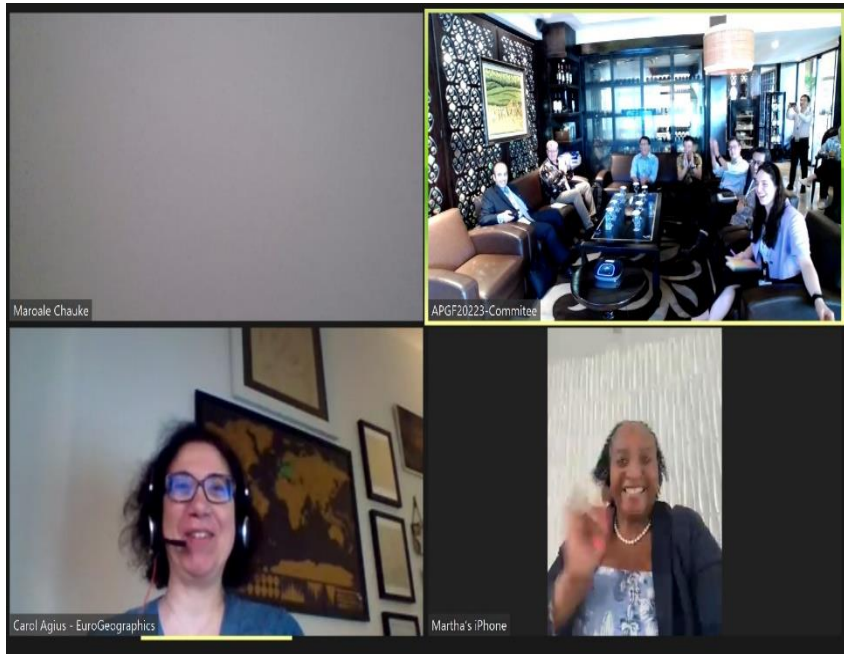
Inter-Regional Committees Meeting 7 November 2023

Discovery Kartika Plaza Hotel, Kuta – Bali, Indonesia

A meeting of Presidents and Chairs of United Nations Global Geospatial Information Management Regional Committees for Africa, Americas, Arab States, Asia and the Pacific and Europe.

Two 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. 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. In this regard, UN-GGIMAP will take the lead for the fourteenth session and thereafter, by another regional committee, again on a rotational basis.



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Geodetic Reference Frames and Applications for Disasters

Workshop 7 November 2023 Discovery Kartika Plaza Hotel, Kuta – Bali, Indonesia

- Co-organized by the Regional Committee of the United Nations Global Geospatial Information Management for Asia and the Pacific (UN-GGIM-AP), the International Association of Geodesy (IAG), the International Federation of Surveyors (FIG), and the Geospatial Information Agency of Indonesia (BIG).
- Shared knowledge and experiences among participants in implementing geodetic reference frames in active regions.
- Shared knowledge and experiences among participants utilizing geodetic infrastructure for geohazard.
- Mapped needs of countries and stakeholders for geodetic infrastructure through open discussion.



Integrated Geospatial Information Framework (IGIF) Workshop 8 November 2023 Discovery Kartika Plaza Hotel, Kuta – Bali, Indonesia

- Strengthened the understanding of all UN-GGIM-AP Member States on the Implementation of UN-IGIF on both global and regional level;
- Fostered all the representatives from about 19 Member States sharing the current status of IGIF implementation, including typical cases and some problems they confronted with.



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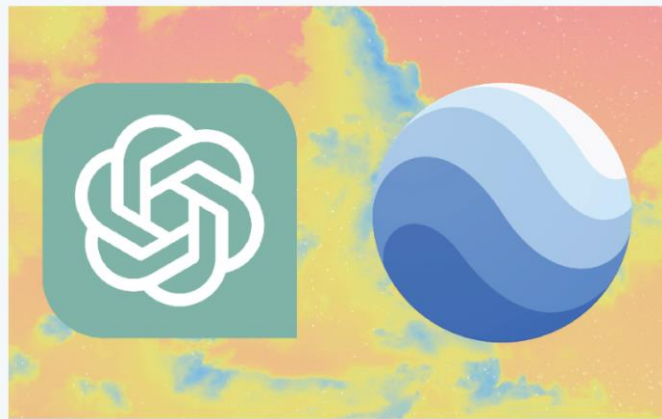
Contribution to UN-GGIM Global Agenda

- Attended plenary meetings of regional committees in Americas, Arab States and Europe and the High-Level Group of the Integrated Geospatial Information Framework (HLG-IGIF) Third Plenary Meeting in person for in-depth cooperation and communication with other regional committees of the UN-GGIM.
- 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.
- 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.
- Coordinated with the United Nations Global Geospatial Knowledge and Innovation Centre (UNGGKIC) to support regional capacity development for Integrated Geospatial Information Framework (IGIF) and technical support to pilot countries.
- Attended and contributed to monthly virtual meetings of the UN Geospatial Network (UN-GGIM), UN Open GIS, and GeoAI & Analytics Working Group regularly.



Other activities and achievements

- ESCAP organized a free online course on “Introduction to Geospatial Data Analysis with ChatGPT and Google Earth Engine” with the United Nations University.



Introduction to Geospatial Data Analysis with ChatGPT and Google Earth Engine

This online course introduces the participants to ChatGPT and Earth Engine Code Editor platform to process and interpret geospatial data.

ENROLL NOW

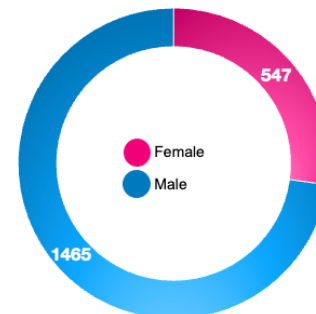
wlc.unu.edu



Total number of participants **2012**

Reporting date: 23 Jan 2023
Course launch date: 18 December 2022

Completion rate **19%**



Gender-based distribution of the participants

Average age of the participants: **32 yrs**

Total number of countries **110**

Avg enrollements per day **58**

Total number of countries **110**

Country	Number of Participants	Country	Number of Participants
222 Netherlands	2	21 Ghana	2
71 India	2	18 Haiti	2
18 Algeria	2	10 Tonga	2
10 Bangladesh	2	12 Bolivia, Plurinational State of	2
Madagascar	2	11 United Kingdom	2
Nigeria	2	11 Viet Nam	2
Philippines	2	10 Jordan	2
United States	2	10 Romania	2
Ethiopia	2	9 Paraguay	2
Kazakhstan	2	8 Guatemala	1
Canada	1	8 Egypt	1
Egypt	1	7 Lao People's Democratic	1
Germany	1	6 Turkey	1
Thailand	1	6 Oman	1
Iran, Islamic Republic of	1	5 Georgia	1
Rwanda	1	5 Mexico	1
Morocco	1	5 Australia	1
Algeria	1	5 Brazil	1
Sudan	1	5 Palestine, State of	1
Saudi Arabia	1	4 Trinidad and Tobago	1
Russian Federation	1	4 Papua New Guinea	1
France	1	4 Iraq	1
Sri Lanka	1	4 Liberia	1
Kenya	1	4 Niger	1
Kyrgyzstan	1	4 Argentina	1
Cameroun	1	4 Syrian Arab Republic	1
Namibia	1	4 Israel	1
Belgium	1	4 Tajikistan	1
Myanmar	1	3 Finland	1
China	1	3 Chile	1
Indonesia	1	3 Yemen	1
Nepal	1	3 Bhutan	1
Japan	1	3 Hong Kong	1
Tanzania, United Republic of	1	3 Korea, Republic of	1
Kiribati	1	3 Barbados	1
Mal Nam	1	3 Uganda	1
Zambia	1	3 Austria	1
Cambodia	1	3 land Islands	1
Turisia	1	3 Senegal	1
Somalia	1	2 Nicaragua	1
Cote d'Ivoire	1	2 Ecuador	1
Armenia	1	2 Moldova, Republic of	1
Italy	1	2 Zimbabwe	1
Libya	1	2 Malawi	1
Hungary	1	2 Malaysia	1
Columbia	2		
Benin	2		

Other activities and achievements

- ESCAP held a series of webinars on Disaster Hotspot Mapping and Risk Assessment leveraging geospatial information and innovative tools, contributing to long-term capacity building and developing in the Asia and the Pacific region.

Disaster Risk Hotspot Mapping



Use **Big Earth Data**, **Cloud Computing** and **AI** to decrease the cost and time to generate disaster risk hotspots in Asia and the Pacific.

We are working with countries and cooperation partners to build an **ARRAY** of tools and apps to address the data and information needs in Asia and the Pacific

2023



Flood Hotspot Mapping

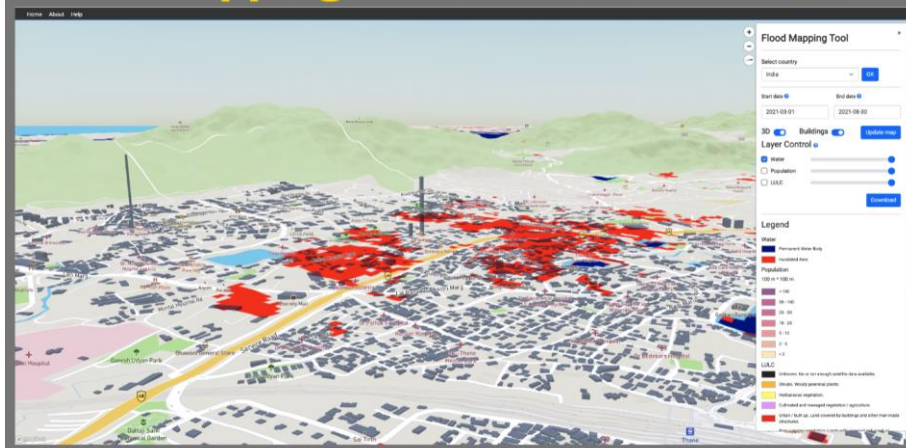


Wildfire Hotspot Mapping

2026



Flood Mapping Tool (floodmapping.inweh.unu.edu)



- Listed in 2022 UN Climate Change Innovations Compendium
- Won the 2021 Popular Science Best of Whats New Award



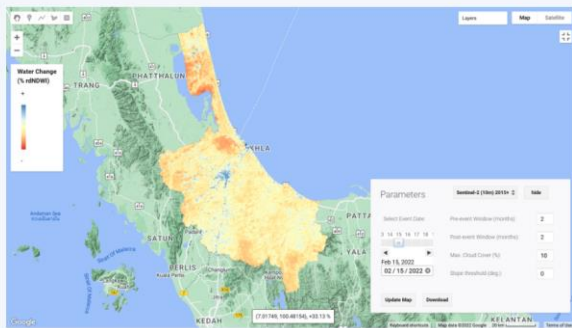
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Active and Passive Satellite Data Analysis Using Cloud Computing for Surface Water/Flood Mapping

This online course introduces the participants to Earth Engine Code Editor platform and implementation of surface water detection algorithm using passive and active remote sensing.

[Enroll Now](#)



Spatiotemporal Drought Assessment by Leveraging Google Earth Engine Platform

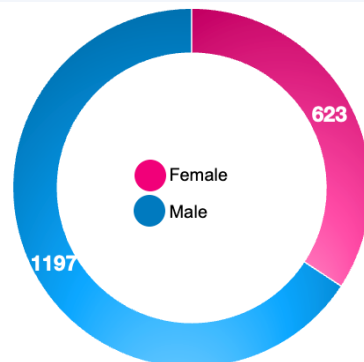
This online course introduces the participants to Earth Engine Code Editor platform and the implementation of drought detection and monitoring algorithm using passive and active remote sensing.

[Enroll Now](#)

Total number of participants **1820**

Reporting date: 25 Jan 2024
Course launch date: 28 December 2022

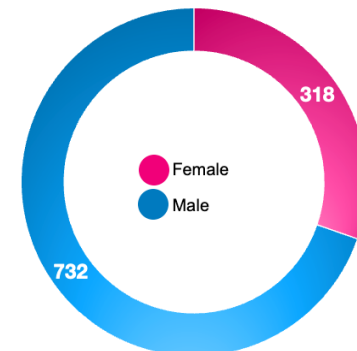
Completion rate **27%**



Total number of participants **1050**

Reporting date: 25 Jan 2024
Course launch date: 28 December 2022

Completion rate **23%**



Participants are from universities, research institutes, and government agencies.

Publications

- This year, ESCAP plans to publish the third publication of the compendium series “Geospatial Practices for Sustainable Development in East and North-East Asia 2024: A Compendium”, focusing on the East and North-East subregion and contains more than 100 good practices to demonstrate the achievements of utilization of geospatial information for bridging gaps and improve resilience.

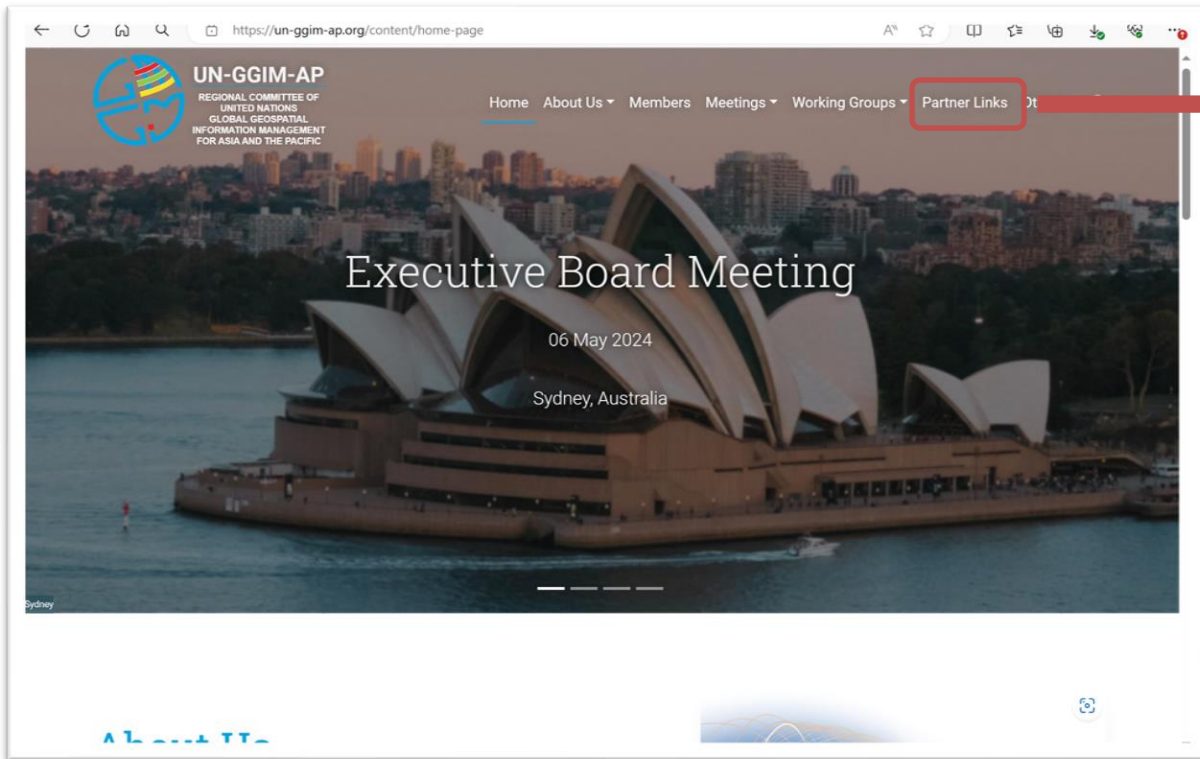


Will be launched in
October 2024

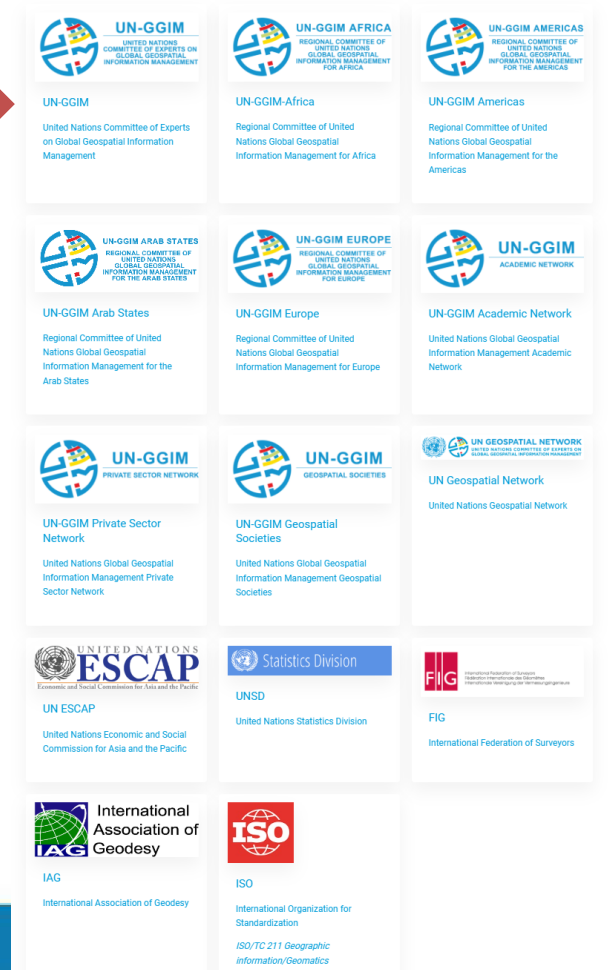
Geospatial Practices
for Sustainable
Development in East
and North-East Asia
2024: A Compendium

Webpage update

- Following the president's opinion, secretariat added other partners' link to the homepage of the website of UN-GGIM-AP.



Partners



UN-GGIM-AP

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Activities to be

- Revision of UN-GGIM-AP TOR
 - ✓ include workplans for both Academic Network and Private Sector Network for 2024-2025
- Thirteenth Plenary Meeting of UN-GGIM-AP
 - ✓ Tentatively planned for late November in Delhi, India.
- Preparation for 14th session
 - ✓ Regional summary and report of UN-GGIM-AP
 - ✓ The first combined report of five regional committees
 - ✓ Whether hold side event
- Secretariat
 - ✓ Appreciate the Government of the Republic of Korea for financial support during 2022-2024.
 - ✓ Appreciate the Government of China to have supported JPO for proceedings in 2023-2025.



Thank you!



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