

**The Eleventh Plenary Meeting of  
The Regional Committee of the United Nations  
Global Geospatial Information Management for Asia and the Pacific  
(UN-GGIM-AP)**

14 October 2022, Hyderabad, India

**Resolution  
(draft for discussion)**

**1. International Agendas**

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

*Noting* the exceptional circumstances resulting from the COVID-19 pandemic since the Ninth Plenary Meeting of the Regional Committee of United Nations Global Geospatial Information Management for Asia and the Pacific (UN-GGIM-AP);

*Welcoming* the convening of the twelfth session of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM), held on 3-5 August 2022, in UNHQ, New York;

*Noting* the Decisions made during the twelfth session of UN-GGIM, in particular, strengthening global geospatial information management arrangements (12/101), determining the future geospatial information ecosystem (12/102), and enhancing the Integrated Geospatial Information Framework (12/105), among others;

*Acknowledging* the Committee's important work, progress and achievements in the area of global geospatial information management, its contribution to the strengthening of geospatial information management capacities and utilization in developing countries in Asia and the Pacific;

*Emphasizing* the importance of geospatial information management in successfully implementing the 2030 Agenda for Sustainable Development, reiterating the need to increase integrated geospatial information applications to meet national priorities in measuring and monitoring the SDGs, as well as national frameworks regarding the access, utilization, capacity and integration of geospatial information into all appropriate sectors of sustainable development and contribute to building back better post COVID-19 pandemic;



*Encouraging* member States of the Regional Committee, United Nations agencies, international and regional organizations, to work together to mainstream geospatial information applications in all appropriate aspects of sustainable development, as national and regional champions, and in our multiple capacities across other relevant forums.

## **2. President, Vice President, and members of the Executive Board for 2022-2024**

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

Elected an Executive Board consisting of:

- President: Indonesia, represented by Mr. Antonius Bambang Wijanarto
- Vice Presidents:
  - India, represented by Mr. Sunil Kumar
  - Japan, represented by Mr. Shoichi Oki
  - Singapore, represented by Mr. Victor Khoo
- Members:
  - Australia, represented by Mr. Steven Hill
  - Islamic Republic of Iran, represented by Mr. Ali Javidaneh
  - Malaysia, represented by Mr. Mohammad Zaki bin Mohd Ghazali
  - Mongolia, represented by Mr. Enkhmanlai Anand
  - Republic of Korea, represented by Ms. Hea-Weon Kim
  - Russian Federation, represented by Mr. Alexey Trifonov

## **3. Establishment of the Working Groups**

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

Approved to continue three, and newly establish one Working Group consisting of:

Working Group 1: Geodetic Reference Frame

- Chair: Mr. Basara Miyahara (Japan)
- Vice-Chairs:
  - Mr. Guorong Hu (Australia)
  - Mr. Yamin Dang (China)
  - Mr. Asakaia Tabu (Fiji)
  - Mr. Upendra Nath Mishra (India)
  - Mr. Sidik Tri Wibowo (Indonesia)
  - Mr. Ahmad Sanusi bin Che Cob (Malaysia)
  - Ms. Dalkhaa Munkhtsetse (Mongolia)
  - Mr. Graeme Blick (New Zealand)
  - Mr. Jong-Sin Lee (Republic of Korea)

Working Group 2: Cadastre and Land Management

- Chair: Mr. Myeongsig Lee (Republic of Korea)



- Vice-Chairs:
  - Mr. Josefa R. Vuniamatana (Fiji)
  - Mr. Pardeep Singh (India)
  - Mr. Virgo Eresta Jaya (Indonesia)
  - Mr. Hidenori Fujimura (Japan)
  - Mr. Muhammad Salim bin Mohammed Asari (Malaysia)
  - Mr. Tsevelmaa Ikhabayar (Mongolia)
  - Mr. Kean Huat Soon (Singapore)

#### Working Group 3: Integrating Geospatial Information and Statistics

- Chair: Mr. Ali Javidaneh (Islamic Republic of Iran)
- Vice-Chairs:
  - Mr. Peng Shu (China)
  - Mr. Sunil S. Fatehpur (India)
  - Mr. Dheny Trie Wahyu Sampurno (Indonesia)
  - Mr. Hidenori Fujimura (Japan)
  - Mr. Abdul Halim bin Tuiran (Malaysia)
  - Ms. Bayarmaa Enkhtur (Mongolia)
  - Mr. Jeon Bu-nam (Republic of Korea)

#### Working Group 4: Integrated Geospatial Information Framework

- Chair: Mr. Pankaj Mishra (India)
- Vice-Chairs:
  - Ms. Meizyanne Hicks (Fiji)
  - Mr. Hidenori Fujimura (Japan)
  - Mr. Azlim Khan bin Abdul Raof Khan (Malaysia)
  - Mr. Nyamdavaa Purevjav (Mongolia)
  - Ms. Hyo-Jin Yang (Republic of Korea)

### 4. Working Group 1: Geodetic Reference Frame

*Recognizing* that the geodetic reference frame underpins satellite positioning technology, provides the framework for all geospatial activities and is a key enabler of spatial data interoperability, disaster risk reduction, land management and supports the global development agenda;

*Recognizing* the General Assembly Resolution A/RES/69/266 on the Global Geodetic Reference Frame for Sustainable Development;

*Recognizing* the significant progress made by UN-GGIM Subcommittee on Geodesy toward implementation of the General Assembly Resolution A/RES/69/266,

*Recognizing* the importance of data-sharing to enable global and regional products and services to be related to individual countries to support decision makers to address global issues, such as sea level change;



*Noting* the significant progress made by UN-GGIM-AP and its Working Group 1 on Geodetic Reference Frame in improving the geodetic reference frame for sustainable development for Asia and the Pacific; and

*Noting further* the challenges of building technical capacity in developing countries to develop national infrastructure and/or national datum, particularly in the context of the complex crustal dynamics of Asia and the Pacific;

*Recommends* that UN-GGIM-AP:

- a) *Contribute* to the Global Geodetic Reference Frame through close collaboration with the Subcommittee on Geodesy, its Working Groups and Global Geodetic Centre of Excellence;
- b) *Support* the adoption of the International Terrestrial Reference Frame by participating in regional geodetic programmes, such as the Asia-Pacific Regional Reference Frame (APREF), and the Asia Pacific Regional Geodetic Project (APRGP);
- c) *Support* the observation, analysis and development of national GNSS, Satellite Laser Ranging (SLR), and Very Long Baseline Interferometry (VLBI) infrastructure and their interconnection for reference frame improvement and provide an Asia-Pacific regional perspective to the global geodetic community;
- d) *Work* with organizations, such as the International Federation of Surveyors and the International Association of Geodesy, to develop common approaches to geodesy;
- e) *Encourage strongly* member States to share geodetic data openly and freely to support, for example, the connection of national height datums to global systems so that decision makers can address global issues, such as sea level change through the use of global and regional products and services;
- f) *Encourage* member States to consider sharing real-time geodetic observations to support disaster risk reduction;
- g) *Encourage* technical capability development through training and cooperation in GNSS data processing, Geoid determination, development of regional height system, connection of sea and land-based vertical reference surfaces, crystal dynamics and deformation modelling, the use of open geodetic software and the sharing of best practice examples and use cases; and
- h) *Support* geodetic experts from member States to attend appropriate regional forums, such as the relevant working group meetings of the UN-GGIM-AP.



## 5. Working Group 2: Cadastre and Land Management

*Reaffirming* the importance and pertinence of land and its administration and management at the global and national levels for the implementation of the Sustainable Development Goals;

*Supporting* practical implementation of the Framework for Effective Land Administration as a reference for member States when developing, reforming, strengthening and modernizing effective and efficient land administration processes and systems;

*Acknowledging* the trend to migrate to fully digital platforms, where every member State is at different levels of development regarding their land administration and the need of people without digital or mobile access to land information, and recognizing the need to identify common grounds, and challenges in land administration and management systems among the regional countries;

*Emphasizing* the need to strengthen human capacity in areas related to land administration and management, including data collection, systems, institutional or legal framework, and other pertinent sectors;

*Recognizing* leveraging synergies, avoid duplication through collaboration with other working groups of UN-GGIM-AP, and relevant international organizations;

*Recommends* that UN-GGIM-AP:

- a) *Continue* to advocate and raise political awareness of the benefits of effective and efficient land administration and management as stipulated in decision 7/108;
- b) *Encourage* member States engaging in the Framework for Effective Land Administration, especially translating it in their own languages and practically implementing it, as leveraging the IGIF Implementation Guide, working with UN-GGIM Expert Group on Land Administration and Management;
- c) *Identify* and share diverse forms of forums for dialogue and coordination to strengthen human capacity-building related to cadastre and land management, at the regional level that incorporates professionals, future young professionals, NGOs, government organizations and vulnerable groups, and which reflects equality by assessing current challenges faced by member States and developing capacity-building programs;
- d) *Request* the Secretariat to continue to explore possible options (in a cost neutral manner) for building an UN-GGIM-AP geospatial information service centre with all interested member States for practical provision of geospatial services and products to member countries of UN-GGIM-AP, considering cooperation with the United Nations GIS Service Centre of the United Nations Office on ICT



(UN OICT) in Brindisi, Italy.

## 6. Working Group 3: Integrating Geospatial Information and Statistics

*Recognizing* that the integration of geospatial information and statistics is critically important in addressing the 2030 Agenda for Sustainable Development throughout the Asia-Pacific region;

*Recognizing also* that the Integrated Geospatial Information Framework (IGIF) and the Global Statistical Geospatial Framework (GSGF) are adopted frameworks enabling the integration of geospatial information and statistics;

*Noting* progresses and issues reported by several member States on practices of integrating geospatial information and statistics for many different applications, including monitoring the SDGs indicators, population data, disasters data, land cover, sea level rise, mapping the COVID-19 pandemic, mapping stunting risk and infrastructure development, up to village and household level;

*Recommends* that UN-GGIM-AP:

- a) *Continue* to advocate and raise political awareness to strengthen collaborative national arrangement between Geospatial and Statistical Agencies in the Asia-Pacific region;
- b) *Facilitate, support and provide* assistance in knowledge exchange;
- c) *Promote* use of standards and sharing common literatures for integration and analysis of geospatial information and statistics;
- d) *Continue to* collaborate with other relevant organizations;
- e) *Advance* adoption of Global Statistical Geospatial Framework (GSGF) principles in the Asia-Pacific region;
- f) *Contribute* to Sustainable Development Goals (SDGs) with the help of integrating geospatial statistics;
- g) *Share* case studies of integrating geospatial and statistical information for supporting effective natural disaster management; and
- h) *Emphasize* the need for capacity development.

## 7. Working Group 4: Integrated Geospatial Information Framework





*Recognizing* the need for short, medium and long-term plans and strategies to raise awareness, including at the political leadership level, about the Integrated Geospatial Information Framework (IGIF) and its components at regional and country levels using different means;

The Working Group will:

- a) *Share* the experiences and best practices to assist in preparation of country-level action plans;
- b) *Prepare* IGIF component specific plans for understanding and implementation;
- c) *Conduct* training and capacity-building actions with special focus on the requirements of developing countries;
- d) *Work* on Adoption and Monitoring Mechanisms;
- e) *Organize* workshops, webinars, meetings for deliberations and exchanging the ideas and experiences.

## **8. UN-GGIM-AP Secretariat**

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

*Appreciating* the leadership of Mr. Andy Barnicoat, Ms. Alison Rose, and Mr. Simon Costello, as the President of UN-GGIM-AP, for the successful implementation of the work of the Regional Committee;

*Appreciating* the generous support of the Government of India to host the Eleventh Plenary Meeting of UN-GGIM-AP, held on 14 October 2022 in Hyderabad, India, on the side-lines of the second United Nations World Geospatial Information Congress (UNWGIC);

*Commending* Indonesia for hosting the Ninth and Tenth Plenary meetings of UN-GGIM-AP in 2020 and 2021, which were held virtually due to the COVID-19 pandemic;

*Appreciating* the generous support of the Government of Singapore to host the Executive Board meeting of UN-GGIM-AP, in May 2022 in Singapore;

*Appreciating* the generous offer from Indonesia to host the Twelfth Plenary Meeting of UN-GGIM-AP, to be held in 2023;



*Appreciating* the Government of Japan for contributing to the Secretariat's work through human and technical support;

*Appreciating* the Government of the Republic of Korea for its contribution to the work of the Secretariat through financial and technical support;

*Encouraging* more in-kind contributions from member States to strengthen the Secretariat's service to the Regional Committee;

*Noting* that work during 2020-2021 and 2021-2022 slowed due to the COVID-19 pandemic;

*Appreciating* the Government of Japan for hosting the Geospatial Capacity Development Conference on GNSS Application and DRR during 17-20 January 2022;

*Appreciating* the progress made by the Committee in promoting geospatial information management and applications for sustainable development, and the Secretariat's support in facilitating sharing of knowledge and experiences, strengthening regional cooperation related to geospatial information management and applications among member States;

*Welcoming* the Fourth Ministerial Conference on Space Applications for Sustainable Development in Asia and the Pacific, to be held in person and online, in Jakarta on 26 October 2022, with the theme of "Space+ for our Earth and Future";

*Encouraging* members and associate members to further enhance substantive cooperation on space science and technology and their applications to strengthen integrated geospatial information applications for sustainable development in the region through leveraging innovative digital applications, managing data and information more effectively, engaging end users and the youth, and enhancing partnerships with national, regional and global stakeholders;

*Welcoming* the UN-GGIM Private Sector Network to be an observer for the newly formed Working Group 4: Integrated Geospatial Information Framework;

*Endorses* the resolutions/reports made by Working Groups, and the work plan for 2022-2024;

*Recommends* the Secretariat to further support the geospatial and statistics communities to enhance their collaboration and exchange for the effective implementation of the Integrated Geospatial Information Framework (IGIF), and the Global Statistical Geospatial Framework (GSGF) to support sustainable development in the region, as well as the exchange and collaboration with other Regional Committees;





*Requests* the Secretariat to strengthen the use of the UN-GGIM-AP website and other innovative means for efficiently sharing information and documents among member States.

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