



UN-GGIM
UNITED NATIONS
COMMITTEE OF EXPERTS ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

Fourteenth session

Forum on the Integration of Terrestrial, Maritime and Cadastral Domains

Tuesday, 06 August 2024

10:00 a.m. to 11:15 a.m.

Conference Room - 4 (CR-4 GA Building)
United Nations Headquarters in New York

Concept Note

Background

At its thirteenth session, the Committee of Experts on Global Geospatial Information Management adopted decision [13/109](#), recognizing the need to integrate terrestrial, maritime, built, and cadastral domains. The Committee encouraged the Expert Group on Land Administration and Management (EG-LAM) to collaborate with relevant international organizations and functional groups, including the working group on Marine Geospatial Information, to address the land/sea interface and its technical complexities. In decision [13/111](#), the Committee further encouraged the Working Group on Marine Geospatial Information (WG-MGI) to collaborate with the expert group on Land Administration and Management and the Singapore-International Hydrographic Organization Innovation and Technology Laboratory to integrate activities related to terrestrial and marine domains.

The integration of domains should be approached through the "lens" of the nine strategic pathways of the United Nations Integrated Geospatial Information Framework (UN-IGIF), addressing the technical complexities of the land-sea interface and the role of reference frames and datums. It should draw on case studies and best practices from other disciplines and consider cross-cutting perspectives such as legal, regulatory and policy aspects, and governance arrangements according to national circumstances.

The EG-LAM and WG-MGI initiated a technical discussion aimed to enhance understanding of the key issues, any collaborative projects and activities across these domains and initiate the conceptualization of a joint discussion paper to address the issue including the technical complexities related to the land-sea interface. This joint effort was further discussed by both groups at their respective in-person meetings in Bali, Indonesia (sixth expert meeting of the WG-MGI together with an international seminar) and in Aguascalientes, Mexico (fifth meeting of the EG-LAM together with an international seminar). The collective effort now includes participation by the Working Group on Policy and Legal Frameworks on Geospatial Information Management, the Subcommittee on Geodesy, the International Hydrographic Organization, the Open Geospatial Consortium and the UN-GGCE.

Objectives

- To better understand the issues, the approaches and good practices in the integration of

This is an open event and all delegates and observers are invited

terrestrial, maritime and cadastral domains including addressing the land-sea interface and its technical complexities;

- To leverage the UN-IGIF and suggest innovative and feasible path forward; and
- To encourage collaboration across domains and between functional groups of the Committee of Experts to address global challenges.

Provisional agenda

1) Welcome and introductory remarks (5 minutes)

Joint Moderators:

Mr. Parry Oei (*Chair of WG-MGI*) / Ms. Raffaella Anilio Olguín (*Co-Chair of EG-LAM*)

2) Presentations (30 minutes)

- Current status in the consideration of the integration of the terrestrial, maritime, built, and cadastral domains - Mr. Victor Khoo (*Singapore*)
- Addressing the land-sea interface: Lessons and good practices from the Pacific – Ms. Meizyanne Hicks (*Fiji*), Mr. Viliami Folau (*Tonga*) and Mr. Andrick Lal (*SPC*)
- Legal, regulatory and policy frameworks and emergence of artificial intelligence for the integration of domains - Mr. Kevin Pomfret (*Centre for Spatial Law and Policy*)

3) Moderated and open discussion * (30 minutes)

Joint Moderators:

Mr. Parry Oei (*Chair of WG-MGI*) / Mr. Victor Khoo (*Co-Chair of EG-LAM*)

Discussants:

- Ms. Ratna Sari Dewi (*Geospatial Information Agency, Indonesia*) (tbc)
- Ms. Ilaria Tani (*Working Group on Marine Geospatial Information, Italy*)
- Mr. James Norris (*Task Team on Geospatial Information for Climate Resilience, UK*) (tbc)
- Mr. John Nyberg (*International Hydrographic Organization*)
- Mr. Nicholas Brown (*United Nations Global Geodetic Centre of Excellence*)

(* each discussant will deliver an introductory statement of around 2-3 minutes, as reflections on the focus of the Forum, the three presentations or to support further discussions and consideration on the integration of terrestrial, maritime, built and cadastral domains.)

4) Closing reflections and close (10 minutes)

Joint Moderators:

Mr. Victor Khoo (*Co-Chair of EG-LAM*) / Mr. Parry Oei (*Chair of WG-MGI*)

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