

**INTERNATIONAL SEMINAR ON  
UNITED NATIONS GLOBAL GEOSPATIAL INFORMATION MANAGEMENT  
“effective and integrated marine geospatial information management”**

**Courtyard by Marriott Bali Nusa Dua Resort, Tourism Area Lot SW1, Bali, Indonesia 80363  
4 March 2024**

**Background**

Economic and Social Council (ECOSOC) [resolution 2022/24](#), adopted on 22 July 2022, reiterated the importance of strengthening and enhancing the effectiveness of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM), particularly for the achievement of its operations focused on the Sustainable Development Goals (SDGs) and the United Nations Integrated Geospatial Information Framework (UN-IGIF), to strengthen and ensure its continued effectiveness and benefits to all Member States. The resolution also updated the Committee’s Terms of Reference (as annexed to the resolution), being the subsidiary body of ECOSOC in charge of all matters related to geospatial information, geography, land administration and related topics<sup>1</sup>.

This marine domain includes all water related elements, including oceans and seas, coastal zones and deltas, inland water bodies and waterways, basically a domain where water is the dominant geographic feature on the Earth’s surface. The Committee of Experts recognized that to sustainably manage this significant portion of the Earth’s surface that is covered by water, governments will need to ensure that marine geospatial information management is fully integrated within the wider national digital information ecosystem for evidence-based policy development and decision making. Water is critical to socio-economic development, energy and food production, healthy habitat, and to human survival overall. Water is at the heart of adaptation to climate change and serves as the crucial link between society, the global economy, and the environment. The Food and Agriculture Organization (FAO) (2014) estimated that more than four billion people depend on maritime waters for fish as a primary source of protein, and the International Maritime Organization (IMO) (2015) estimated that ninety percent of the world’s trade is conducted upon the seas and oceans.

The Committee noted the continuing efforts of its Working Group on Marine Geospatial Information to advance the United Nations Integrated Geospatial Information Framework (UN-IGIF), and its nine strategic pathways, with the Operational Framework for Integrated Marine Geospatial Information Management (UN-IGIF-Hydro), a two-part document that leverage the guidance offered in the UN-IGIF. UN-IGIF-Hydro provides practical guidance for countries to extend the nine strategic pathways in the hydro or marine domain. The aim is to work towards the vision of the integrating marine geospatial information into the global geospatial information ecosystem and to enhance the ability to make informed decisions to support the preservation and management of the marine resources. The Working Group provides a forum for dialogue and coordination among Member States, and between Member States and the International Hydrographic Organization, United Nations system and relevant international organizations to enhance global cooperation, advocate and improve the availability and accessibility of marine geospatial information.

The International Seminar on United Nations Global Geospatial Information Management, with the theme “Effective and Integrated Marine Geospatial Information”, provides an open forum for deliberating key considerations for enhancing integrated marine geospatial information management. This is in recognition that it is strategically crucial for any national hydro or marine programmes to increase their recognition, relevance and value nationally in support of national development priorities, including the ability to address climate-related challenges, improve understanding of the land-sea interface, the coastal zones and pressing need to monitor sea level rise, conservation and sustainable use of marine biodiversity, and recognizing the importance in mainstreaming the Blue Economy and achieving sustainable coastal development and resilience.

---

<sup>1</sup> E/RES/2022/24



## Provisional Annotated Agenda

**Monday,  
4 March 2024**

---

**08:00 a.m. – 08:30 a.m.**

**Arrival and registration of participants**

---

**08:30 a.m. – 10:00a.m.**  
**Official Opening Session**

*The joint official opening session of the International Seminar on United Nations Global Geospatial Information Management with the theme "Effective and Integrated Marine Geospatial Information Management" and the Sixth expert meeting of the United Nations Working Group on Marine Geospatial Information; the fifteenth meeting of the International Hydrographic Organization Marine Spatial Data Infrastructures Working Group and the 2024 meeting of the Open Geospatial Consortium Marine Domain Working Group. The session includes a series of welcome and opening remarks and a keynote presentation. The session will include the signing ceremony of a cooperation agreement between the Indonesia's Geospatial Information Agency and Hydro-Oceanographic Centre.*

**Introduction and ceremonial presentation**

*(Welcome, introduction and choreographed ceremonial presentations by the host)*

**Welcome remarks:**

**Antonius Wijanarto**

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

**Budi Purwanto**

Head/Commander, Navy's Hydro-Oceanographic Centre, Indonesia

**Muh. Aris Marfai**

Chairperson, Geospatial Information Agency, Indonesia

**Signing Ceremony**

*(The signing of the Cooperation Agreement between the Geospatial Information Agency and Navy's Hydro-Oceanographic Center)*

**Official opening of the International Seminar and the expert meetings**

*(The chairperson of the Geospatial Information Agency, the head/commander of the Navy's Hydro-Oceanographic Centre together with invited dignitaries will officiate the opening of the International Seminar and the ensuing expert meetings for the rest of the week)*

**Keynote address:**

**Rena Lee**

Chief Executive/Registrar, Intellectual Property Office of Singapore and Singapore's Ambassador for Oceans and Law of the Sea

---

**10.00 a.m. – 10.30 a.m.**

**Group Photograph and Break**

---



---

**10:30 a.m. – 12:00 a.m.**

**Session #1 - "Availability and accessibility of marine geospatial information for effective governance of seas and oceans"**

*The availability, accessibility and application of marine geospatial information is pivotal in addressing the societal and environmental challenges currently confronting our world. This information serves a multitude of purposes, including but not limited to, the management and sustainability of inland waters, water bodies, coastal zones, seas, oceans, and their resources. It also plays a significant role in commercial shipping, safe navigation, marine spatial planning, management and conservation of marine resources, and emergency management and response. This session discusses the availability and accessibility of marine geospatial information for effective governance and responsible utilization of marine spaces, and to enhance the use of this vital information for sustainable marine governance.*

**Moderator:**

**Caitlin Johnson**

National Geospatial Intelligence Agency, United States of America

**Presentations:**

*(Each presentation will be approximately 18 - 20 minutes in duration allowing some time for moderated discussion).*

**Mohammad Arief Syafii**

Deputy Chairperson, Base Geospatial Information, Geospatial Information Agency, Indonesia

**Ilaria Tani**

Attorney-at-Law and Adjunct Professor, University of Milano-Bicocca

**Graham Evans**

Chairperson, International Cable Protection Committee

**Moderated Discussion**

---

**12: 00 p.m. – 13:30 p.m.**

**Break**

---

**13:30 p.m. – 15:00 p.m.**

**Session #2 - "Implementing the UN-IGIF-Hydro and advancing the conservation and sustainable use of marine resources"**

*The session discusses advancing the conservation and sustainable use of marine resources through the implementation of UN-IGIF-Hydro. The objective is to stimulate the development of integrated solutions that safeguard and sustainably use our oceans, seas, and inland waters along with their resources. The session will explore the importance of engaging and partnering with ocean science communities, policy makers, legal experts and relevant stakeholders in these efforts and underscores the significance of the UN-IGIF Hydro implementation in these efforts.*

**Moderator:**

**Antonius Wijanarto**

Geospatial Information Agency, Indonesia

**Presentations:**

*(Each presentation will be approximately 18 - 20 minutes in duration allowing some time for moderated discussion).*

**John Nyberg**

Director, International Hydrographic Organization

**Diego Billings**

Senior Hydrographic Surveyor, Surveys and Mapping Division, National Land Agency, Jamaica

**Andrick Lal**

Team Leader, Ocean Management and Literacy, Pacific Community (SPC)

**Moderated Discussion**



---

**15: 00 p.m. – 15:30 p.m.**  
**Break**

---

**15:30 p.m. – 17:00 p.m.**

**Session #3 - "Partnerships and innovations for integrated marine geospatial information management"**

*Partnerships and innovation are instrumental in creating and sustaining the value of marine geospatial information. This session emphasizes the need to foster a culture of inclusion, trust, and strategic alliances that recognize shared needs, aspirations, and goals, all with the aim of achieving national development priorities and outcomes. The benefits of partnerships and innovation must be continually advocated and demonstrated, including through collaborative initiatives and projects. These partnerships and innovative approaches are essential to advance the integration of terrestrial, maritime, and cadastral domains and to address the technical complexities of the land-sea interface. The session discusses partnerships and innovations in enhancing integrated marine geospatial information management for sustainable marine governance.*

**Moderator:**

**Helen Philips**

United Kingdom Hydrographic Office

**Presentations:**

*(Each presentation will be approximately 18 - 20 minutes in duration allowing some time for moderated discussion).*

**Agus Sutrianto**

Head of Charting Division, Indonesia Navy's Hydro-Oceanographic Center

**Parry Oei**

Advisor (Hydrographic), Maritime and Port Authority of Singapore

**Kean Huat Soon**

Principal Geomatics Manager, Survey and Geomatics, Singapore Land Authority

**Moderated Discussion**

---

**17:00 a.m. – 17:30a.m.**

**Closing Session**

*A panel will bring the International Seminar to a close with some observations and closing remarks*

**Observations and closing remarks:**

**Parry Oei**

Co-Chair, United Nations Working Group on Marine Geospatial Information, Singapore

**Caitlin Johnson**

Chair, International Hydrographic Organization Marine Spatial Data Infrastructure Working Group, United States of America

**Rafael Ponce**

Co-Chair, Open Geospatial Consortium Marine Domain Working Group. Esri

*(as of 18 February 2024)*

