



Twelfth Session of the United Nations
Committee of Experts on Global Geospatial Information Management

Bringing Land and Sea Together

“How standardisation helps to implement the Integrated Geospatial Information Framework in Coastal States”

Tuesday, 2 August 2022

1:30 p.m. to 2:55 p.m.

Conference Room - 11 (CR-11, Conference Building)

United Nations Headquarters, New York

CONCEPT NOTE

Background

As global reliance on water and its resources increases, marine geospatial information is needed to support data-driven, evidence-based management and administration of seas, oceans, coastal zones, rivers and tributaries, inland water bodies and waterways. Knowing where people, marine life, events, and activities are, and their relationships to one another, is essential for informed policy and decision-making. The timeliness of such data is of equal importance. Access to real-time marine geospatial information is needed to prepare for and respond to emergency situations, such as natural disasters¹.

The [Singapore Statement](#) on ‘Effective and Integrated Marine Geospatial Information Management’ recognises that “Marine geospatial information must be readily available and accessible, needed by Member States to support data-driven, evidence-based management and administration of seas, oceans, coastal zones, and inland waters. Knowing where people, marine life, events, and activities are, and their spatial relationships to one another, is essential for informed policy-development and decision-making. The timeliness of such data is of equal importance. Real-time marine geospatial information is needed to prepare for and respond to emergency situations, such as disasters, but real-time or near real-time data can also help develop strategic priorities and measure and monitor outcomes, including the 2030 Agenda for Sustainable Development”. Further, in making decision 11/109 at its eleventh session, UN-GGIM noted that the integration of the terrestrial, maritime and cadastral domains remained a priority for Member States, and encouraged further consideration to ensure that institutions collaborate to consider and develop interoperable arrangements, standards and infrastructures for the integration of all types of geospatial information leveraging the Integrated Geospatial Information Framework (IGIF) and to advocate guidance, standards and practices that would facilitate seamless integration of datasets spanning the terrestrial, maritime and cadastral domains.

In recognition of the important role of the intersection between the IGIF, Geospatial Standards and Marine Geospatial Information, the Standards Development Organisations (the Open Geospatial Consortium (OGC), International Organisation for Standardisation’s Technical Committee 211 (ISO/TC-211), and the International Hydrographic Organisation (IHO), are convening this side event to:

- a) Illustrate how marine geodata can be operationalised by means of IGIF paradigms.
- b) Present case studies demonstrating how World Bank’s IGIF methodology is applied in developing island/coastal Nation States
- c) Propose good practices to bridge the data needs of the land and marine domains.

¹ Report of the Working Group on Marine Geospatial Information to the Twelfth Session of UN-GGIM:
https://ggim.un.org/meetings/GGIM-committee/12th-Session/documents/E-C.20-2022-15-Add_1_Marine_Geospatial_Information.pdf

“This is an open side event and all Session Attendees are invited”



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Proposed Agenda

Time	Agenda
1:30 pm – 1:40 pm	<i>Opening Remarks</i> <i>Dr Mathias Jonas, Secretary-General IHO</i>
1:40 pm – 2:05 pm	<i>The Operational Framework for Integrated Marine Geospatial Information Management – an introduction and progress report on the IGIF-H</i> <i>Dr John Nyberg, Chair of UN-GGIM Working Group on Marine Geospatial Information</i>
2:05 pm – 2:30 pm	<i>OGC/IHO/World Bank collaboration on the IGIF-MSDI Maturity Model</i> <i>Dr Gerald J Wong, Co-Chair of OGC Marine DWG, UK Hydrographic Office</i> <i>Ms Katherine Kelm, Senior Land Administration Specialist at The World Bank</i>
2:30 pm – 2:55 pm	<i>Integrating land administration and marine boundaries: project to harmonise IHO marine administration with ISO land administration domain model</i> <i>Mr Chris Body, ISO project lead</i>
2:55 pm	Close

For more details, please feel free to reach out to:

Dr Mathias Jonas, IHO mathias.jonas@iho.int (coordinator on the spot)

Mr Leonel Manteigas, IHO leonel.manteigas@iho.int (Coordinator in preparatory phase)

Ms Caroline Fontanilli, IHO caroline.fontanilli@iho.int (logistics)

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