



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

Sixth expert meeting of the Working Group on Marine Geospatial Information

5 - 8 March 2024

Courtyard by Marriott Bali Nusa Dua Resort

Denpasar, Bali, Indonesia

Provisional Annotated Agenda and Organization of Work

Provisional Agenda

Provisional agenda for this Sixth expert meeting of the Working Group on Marine Geospatial Information

- 1) Welcome and introductions
- 2) Agenda, organization of the meeting and setting the scene
- 3) Effective and integrated marine geospatial information management – national and regional perspective
- 4) Reports, highlights, updates and considerations
 - a) Report of the co-Chair on the Working Group’s activities and progress
 - b) Report of the Secretariat including the programme of work of Committee of Experts
- 5) Implementing the UN-IGIF-Hydro at the country-level
- 6) Relevance of UN-IGIF-Hydro through regular review and updates
- 7) Availability and accessibility of marine geospatial information (issues identified by Committee of Experts at its Thirteenth Session)
 - a) Support of national development priorities and accelerating the achievement of the SDGs
 - b) Address climate-related challenges
 - c) Improve understanding of the land-sea interface, the coastal zones and pressing need to monitor sea level rise;
 - d) Importance in mainstreaming the Blue Economy;
 - e) Achieving sustainable coastal development and resilience.
- 8) Strengthening collaboration, partnerships, engagement and capacity development
 - a) Decade of Ocean Science for Sustainable Development
 - b) Regional committees, functional groups and thematic groups of UN-GGIM
 - c) IHO and its regional commissions
 - d) ISO Technical Committee 211
 - e) Open Geospatial Consortium
 - f) Singapore-IHO Innovation and Technology Laboratory
 - g) Seabed 2030 Project
- 9) Plans and activities of the Working Group and updating the Workplan
- 10) Fourteenth session of the Committee of Experts, 7 – 9 August 2023
- 11) Seventh High-level Forum on Global Geospatial Information Management with the theme “Accelerating implementation: Achieving resilience”
- 12) Next steps, summary and close

Language

The Sixth expert meeting of the Working Group on Marine Geospatial Information including joint segments with IHOMSDIWG and OGCMWDWG will be conducted in English.

Provisionally annotated agenda and organization of work

Tuesday, 5 March 2024	
08:30 a.m. – 10:00 a.m.	<p>Sixth expert meeting of the Working Group on Marine Geospatial Information</p> <p>Agenda item #1 - Welcome and introductions <i>This is the “soft” opening for the Sixth expert meeting of the United Nations Working Group on Marine Geospatial Information (UNWGMGI) with brief welcome remarks from the co-Chair.</i></p> <ul style="list-style-type: none"> ▪ Welcome remarks <ul style="list-style-type: none"> ➤ Parry Oei UNWGMGI ➤ John Nyberg IHO ➤ Antonius Wijanarto UN-GGIM-AP ➤ tbc BIG/PUSHIDROSAL Indonesia ▪ Introductions <i>The co-Chair will recognize all representatives of Member States, international organizations and relevant stakeholders. In the interest of time, all participants are encouraged to introduce themselves to one another during mid-morning, lunch and/or mid-afternoon breaks</i> <ul style="list-style-type: none"> ➤ Parry Oei UNWGMGI ▪ Announcement <i>Participants will be briefed on the facilities and arrangements for the event, refreshment arrangements for the three days and any relevant public health, safety, and emergency announcements.</i> <ul style="list-style-type: none"> ➤ tbc BIG/PUSHIDROSAL Indonesia <p>Agenda item #2 - Agenda, organization of the meeting and setting the scene <i>Participants will review and confirm the agenda, focus and organization for the sixth expert meeting of the working group.</i></p> <ul style="list-style-type: none"> ▪ Agenda and organization of the meeting <ul style="list-style-type: none"> ➤ Parry Oei UNWGMGI ▪ Presentation: Setting the scene <i>The co-Chair of the Working Group will outline expectations and desired outcomes and also briefly interact with participants</i> <ul style="list-style-type: none"> ➤ Parry Oei UNWGMGI ▪ Interaction and discussion

	<p>Agenda item #4 - Reports, highlights, updates and considerations</p> <p><i>Co-Chair of the Working Group will report, highlight and provide updates on the working group's activities, progress and accomplishments. The UN Secretariat will also report on the current programme of work and highlight certain items of the programme of work that may be pertinent to the objectives and functions of the working group.</i></p> <ul style="list-style-type: none"> ▪ Report of the co-Chair on the Working Group's activities and progress <ul style="list-style-type: none"> ➢ Parry Oei UNWGMGI ▪ Report of the Secretariat including on the programme of work of Committee of Experts <ul style="list-style-type: none"> ➢ Cheehai Teo UNDESA/SD/GGIMS ▪ Interaction and discussion
10:00 a.m. – 10:30 a.m.	Group Photography Break
10:30 a.m. – 12:00 p.m.	Fifteenth meeting of the Working Group on Marine Spatial Data Infrastructure Working Group
12:00 p.m. – 13:30 p.m.	<i>Side and/or networking meeting</i> Lunch break
13:30 p.m. – 15:00 p.m.	<p>Joint meeting of the Working Group on Marine Geospatial Information, Working Group on Marine Spatial Data Infrastructure Working Group and Marine Domain Working Group</p> <p><i>This segment will jointly consider effective and integrated marine geospatial information management through a series of presentations from participating Member States. Participating Member States are invited to share their national experiences leveraging the Operational Framework for Integrated Geospatial Information Management (UN-IGIF-Hydro) to strengthen their national marine geospatial information management and capacities or their national hydrographic and oceanographic program including addressing the land sea interface. There will also be a contribution from the OGC Federated Marine Spatial Data Infrastructure 2023 project on connecting land and sea.</i></p> <p>Moderator: Caitlin Johnson, IHOMSDIWG</p> <ul style="list-style-type: none"> ▪ Contributions and presentations by participating Member States* <i>Contributions and presentations are to be succinct, preferably provided ahead of time to the organizer, and of no more than 10 minutes in duration.</i> ▪ Presentation: Connecting land and sea <ul style="list-style-type: none"> ➢ Trevor Taylor OGC ▪ Interaction and discussion <p>* Please inform the organizer (ungqim-mqi@big.go.id; teo@un.org) if you have a contribution or a presentation under this joint agenda item. All contributions and presentations be provided ahead of time to the organizer (ungqim-mqi@big.go.id; teo@un.org).</p>

15:00 p.m. – 15:30 p.m.	<i>Break</i>
15:30 p.m. – 17:00 p.m.	<p>Joint meeting of the Working Group on Marine Geospatial Information, Working Group on Marine Spatial Data Infrastructure Working Group and Marine Domain Working Group</p> <p><i>This segment continue consideration on effective and integrated marine geospatial information management through a series of presentations from participating Member States, regional organizations and IHO regional commissions. It will include contributions and presentations related to experiences to implement UN-IGIF-Hydro according to national circumstances. There will also be a contribution from IHOMSDIWG on a paper on Data Value Proposition and the UN-IGIF-Hydro Strategic Pathways Mini Videos project.</i></p> <p>Moderator: Parry Oei, UNWGMGI</p> <ul style="list-style-type: none"> ▪ Contributions and presentations by participating Member States* <i>Contributions and presentations are to be succinct, preferably provided ahead of time to the organizer, and of no more than 10 minutes in duration.</i> ▪ Presentation: Data Value Proposition <ul style="list-style-type: none"> ➢ Caitlin Johnson IHOMSDIWG ▪ Presentation: UN-IGIF-Hydro Strategic Pathways Mini Videos project <ul style="list-style-type: none"> ➢ Caitlin Johnson IHOMSDIWG ▪ Interaction and discussion <p><i>* Please inform the organizer (unggim-mqi@big.go.id; teo@un.org) if you have a contribution or a presentation under this joint agenda item. All contributions and presentations be provided ahead of time to the organizer (unggim-mqi@big.go.id; teo@un.org).</i></p>
Wednesday, 6 March 2024	
08:30 a.m. – 10:00 a.m.	Fifteenth meeting of the Working Group on Marine Spatial Data Infrastructure Working Group
10:00 a.m. – 10:30 a.m.	<i>Break</i>
10:30 a.m. – 12:00 p.m.	<p>Sixth expert meeting of the Working Group on Marine Geospatial Information</p> <p>Agenda item #9 - Plans and activities of the Working Group and updating the Workplan</p> <p><i>This segment will consider the Working Group’s workplan and activities aimed at strengthening partnerships and collaboration to strengthen national marine geospatial information management/national hydrographic and oceanographic program, capacities and resources to improve the recognition, value and investment in marine geospatial information at the country-level. the segment will also consider partnering and collaborative activities of the working group including the integration of terrestrial, maritime, built and cadastral domains; complexities of the land-sea interface; collaboration with functional groups of the Committee of Experts including the Subcommittee on Geodesy, Expert Group on Land Administration and Management, and the Working Group on Policy and Legal Frameworks for Geospatial Information Management.</i></p> <ul style="list-style-type: none"> ▪ Activities and plans of the working group

	<ul style="list-style-type: none"> ➤ Parry Oei UNWGMGI ▪ Interaction and discussion
12:00 p.m. – 13:30 p.m.	<i>Side and/or networking meeting</i> Lunch break
Thursday, 7 March 2024	
08:30 a.m. – 10:00 a.m.	Meeting of the Marine Domain Working Group
10:00 a.m. – 10:30 a.m.	Break
10:30 a.m. – 12:00 p.m.	<p>Joint meeting of the Working Group on Marine Geospatial Information, Working Group on Marine Spatial Data Infrastructure Working Group and Marine Domain Working Group</p> <p><i>This segment will jointly consider, together with the IHO, efforts to improve the availability, accessibility and application of marine geospatial information for the effective governance and management of marine spaces and resources. It will include addressing a number of issues put before the UNWGMGI including accelerating the achievement of the SDGs; address climate-related challenges; improve understanding of the land-sea interface, the coastal zones and pressing need to monitor sea level rise; importance in mainstreaming the Blue Economy; achieving sustainable coastal development and resilience. The segment will also discuss MPA/IHO target 2.1 actions as well as a number of contributions from members of the IHOMSDIWG.</i></p> <p>Moderator: Parry Oei, UNWGMGI</p> <ul style="list-style-type: none"> ▪ Contributions and presentations by participating Member States* <i>Contributions and presentations are to be succinct, preferably provided ahead of time to the organizer, and of no more than 10 minutes in duration.</i> ▪ Presentation: MPA/IHO SP Target 2.1 Actions <ul style="list-style-type: none"> ➤ Caitlin Johnson IHOMSDIWG ▪ Presentation: ProtectSeas <ul style="list-style-type: none"> ➤ tbc tbc ▪ Presentation: Data hubs <ul style="list-style-type: none"> ➤ Rafael Ponce Esri <p><i>* Please inform the organizer (ungqim-mqi@big.go.id; teo@un.org) if you have a contribution or a presentation under this joint agenda item. All contributions and presentations be provided ahead of time to the organizer (ungqim-mqi@big.go.id; teo@un.org).</i></p>
12:00 p.m. – 13:30 p.m.	<i>Side and/or networking meeting</i> Lunch break

<p>13:30 p.m. – 15:00 p.m.</p>	<p>Joint meeting of the Working Group on Marine Geospatial Information, Working Group on Marine Spatial Data Infrastructure Working Group and Marine Domain Working Group</p> <p><i>This segment will jointly consider, together with the IHO, joint efforts to improve collaboration, communication and engagement and capacity development activities to strengthen national marine geospatial information management/national hydrographic and oceanographic program, capacities and resources so as to improve the value, recognition and investment in marine geospatial information at the country-level. The segment will jointly consider a number of current initiatives and activities including the Decade of Ocean Science for Sustainable Development; Regional committees, functional groups and thematic groups of UN-GGIM; IHO and its regional commissions; ISO Technical Committee 211; Open Geospatial Consortium; Singapore-IHO Innovation and Technology Laboratory and the Seabed 2030 Project.</i></p> <p>Moderator: Rafael Ponce, OGCMWDG</p> <ul style="list-style-type: none"> ▪ Contributions and presentations by participating Member States* <i>Contributions and presentations are to be succinct, preferably provided ahead of time to the organizer, and of no more than 10 minutes in duration.</i> ▪ Contributions and presentations by participating international organizations* <i>Contributions and presentations are to be succinct, preferably provided ahead of time to the organizer, and of no more than 10 minutes in duration.</i> ▪ Interaction and discussion <p>* Please inform the organizer (unggim-mgi@big.go.id; teo@un.org) if you have a contribution or a presentation under this joint agenda item. All contributions and presentations be provided ahead of time to the organizer (unggim-mgi@big.go.id; teo@un.org).</p>
<p>15:00 p.m. – 15:30 p.m.</p>	<p><i>Break</i></p>
<p>15:30 p.m. – 17:00 p.m.</p>	<p>Joint meeting of the Working Group on Marine Geospatial Information, Working Group on Marine Spatial Data Infrastructure Working Group and Marine Domain Working Group</p> <p><i>This segment will jointly consider the operationalization of UN-IGIF-Hydro at the country-level including feasible approaches and modalities, reference and resource materials, awareness raising and capacity development. It will include discussions on the contributions and future activities for IHOMSDIWG including its current activities related to the S-100 suite of standards and considerations of digital twins.</i></p> <p>Moderator: Caitlin Johnson, IHOMSDIWG</p> <ul style="list-style-type: none"> ▪ Contributions and presentations by participating Member States* <i>Contributions and presentations are to be succinct, preferably provided ahead of time to the organizer, and of no more than 10 minutes in duration.</i> ▪ Presentation: UN-IGIF-Hydro and strengthening national marine geospatial information management <i>An overview of the UN-IGIF-Hydro and how it should be leveraged as a basis and a mechanism for strengthening national marine geospatial information management</i> <ul style="list-style-type: none"> ➤ John Nyberg IHO

	<ul style="list-style-type: none"> ▪ Presentation: Implementing the UN-IGIF with country-level Action Plans <i>Some insights into the country-led approach to operationalize the United Nations Integrated Geospatial Information Framework (UN-IGIF)</i> <ul style="list-style-type: none"> ➢ Cheehai Teo UNDESA/SD/GGIMS ▪ Interaction and discussion <p><i>* Please inform the organizer (unggim-mqi@big.go.id; teo@un.org) if you have a contribution or a presentation under this joint agenda item. All contributions and presentations be provided ahead of time to the organizer (unggim-mqi@big.go.id; teo@un.org).</i></p>
<p>Friday, 8 March 2024</p>	
<p>08:30 a.m. – 10:00 a.m.</p>	<p>Joint meeting of the Working Group on Marine Geospatial Information, Working Group on Marine Spatial Data Infrastructure Working Group and Marine Domain Working Group <i>This segment will jointly consider maintaining and sustaining the UN-IGIF-Hydro as a living document including addressing issues related to regular/periodic reviews and updates. The segment will also jointly consider updating and maintaining IHO’s C-17 Publication.</i></p> <p>Moderator: John Nyberg, IHO</p> <ul style="list-style-type: none"> ▪ Interaction and discussion
<p>10:00 a.m. – 10:30 a.m.</p>	<p>Break</p>
<p>10:30 a.m. – 12:00 p.m.</p>	<p>Fifteenth meeting of the Working Group on Marine Spatial Data Infrastructure Working Group</p>
<p>12:00 p.m. – 13:30 p.m.</p>	<p><i>Side and/or networking meeting</i> Lunch break</p>
<p>13:30 p.m. – 15:00 p.m.</p>	<p>Sixth expert meeting of the Working Group on Marine Geospatial Information Agenda item #9 - Plans and activities of the Working Group and updating the Workplan <i>Participants will review the workplan of the Working Group and consider updates including timeline for deliverables</i></p> <ul style="list-style-type: none"> ➢ Parry Oei UNWGMGI <p>Agenda item #10 - Fourteenth session of the Committee of Experts, 7 – 9 August 2023 <i>The Secretariat will provide information related to the fourteenth session of the Committee of Experts on Global Geospatial Information Management including anticipated timeline for preparation and submission of substantive report of the Working Group to the fourteenth session.</i></p> <ul style="list-style-type: none"> ➢ Cheehai Teo UNDESA/SD/GGIMS <p>Agenda item #11 - Seventh High-level Forum on United Nations Global Geospatial Information Management with the theme “Accelerating implementation: Achieving resilience” <i>The Secretariat will provide information related to the upcoming Seventh High-level Forum on United Nations Global Geospatial Information Management with the overarching theme “Accelerating implementation: Achieving resilience”.</i></p>

	<ul style="list-style-type: none"> ➤ Cheehai Teo UNDESA/SD/GGIMS
15:00 p.m. – 15:30 p.m.	<p>Agenda item #12 – Next steps, summary and close</p> <p><i>Participants may be invited to share some closing observations before discussing next meeting any next steps. The co-Chair will bring the Sixth expert meeting of the Working Group on Marine Geospatial Information to a close with a summary of key outcomes and closing remarks.</i></p> <ul style="list-style-type: none"> ▪ Observations and outcomes <i>The participants may share and interact on the outcomes of the week-long event including the international seminar.</i> ▪ Summary and closing remarks <ul style="list-style-type: none"> ➤ Parry Oei UNWGMGI
15:30 p.m. – 16:00 p.m.	Break

(29 February 2024)