

14th MEETING OF THE IHO MARINE SPATIAL DATA INFRASTRUCTURES WORKING GROUP

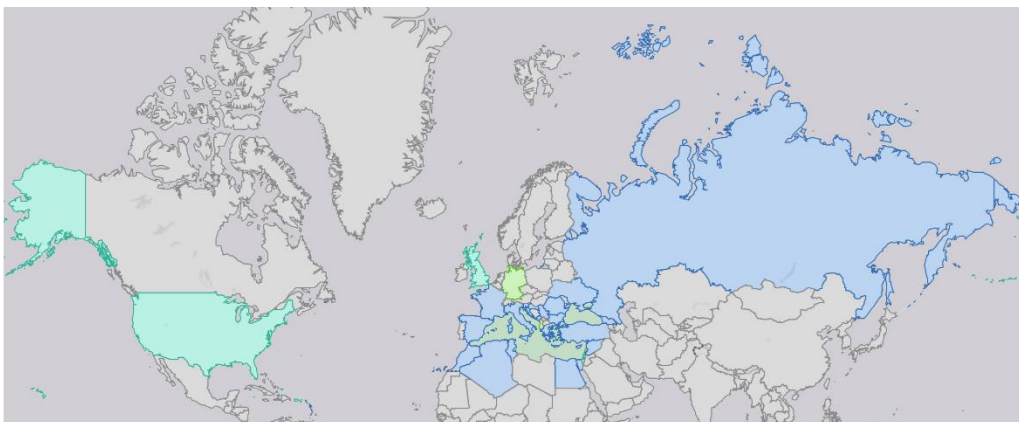


MSDI regional presentation Mediterranean and Black Sea Hydrographic Commission The role of ambassador

Captain Nicola Pizzeghello
Italian Hydrographic Institute
Head of Survey and Production Department



23th MBSHC



MEDITERRANEAN AND BLACK SEA HYDROGRAPHIC COMMISSION

MSDI Report

MBSHC23-06.8 MSDI AMBASSADOR

International Hydrographic Organization
 Organization Hydrographique Internationale

MBSHC-23, Ljubljana, Slovenia • VTC, 29 March - 1 April 2022

Cr Nicola Marco PIZZEGHELLI

IHO MSDI basics – pillars and levels

WHY	Policy and governance (People)	Technical Standards (Standards)	HOW
WHERE	Information System (ICT)	Geographical Content (Data)	WHAT

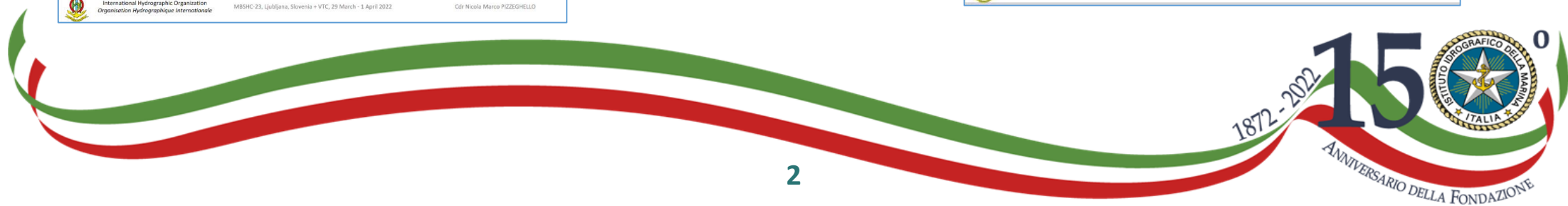
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UN geospatial information pillars

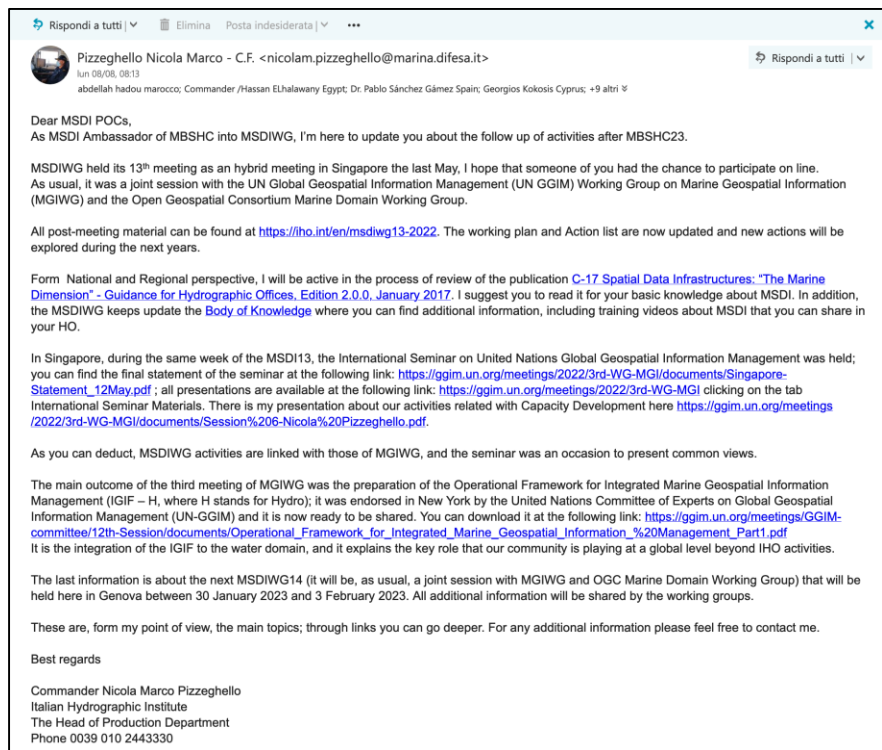
Anchored by nine Strategic Pathways, the Integrated Geospatial Information Framework is a mechanism for articulating and demonstrating national leadership in geospatial information, and the capacity to take positive steps

Knowledge	Decisions	Development
Governance and Institutions	Policy and Legal	Financial
Data	Innovation	Standards
Partnerships	Capacity and Education	Communication and Engagement
Society	Economy	Environment

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MSDI UPDATES



Rispondi a tutti | Elimina | Posta indesiderata

Pizzeghello Nicola Marco - C.F. <nicolam.pizzeghello@marina.difesa.it>
lun 08/08, 08:13
abdellah hadou marocco; Commander /Hassan Elhalwany Egypt; Dr. Pablo Sánchez Gámez Spain; Georgios Kokosis Cyprus; +9 altri

Dear MSDI POCs,
As MSDI Ambassador of MBSHC into MSDIWG, I'm here to update you about the follow up of activities after MBSHC23.

MSDIWG held its 13th meeting as a hybrid meeting in Singapore the last May, I hope that someone of you had the chance to participate on line. As usual, it was a joint session with the UN Global Geospatial Information Management (UN GGIM) Working Group on Marine Geospatial Information (MGIWG) and the Open Geospatial Consortium Marine Domain Working Group.

All post-meeting material can be found at <https://iho.int/en/msdiwg13-2022>. The working plan and Action list are now updated and new actions will be explored during the next years.

From National and Regional perspective, I will be active in the process of review of the publication **C-17 Spatial Data Infrastructures: "The Marine Dimension"** - Guidance for Hydrographic Offices, Edition 2.0.0., January 2017. I suggest you to read it for your basic knowledge about MSDI. In addition, the MSDIWG keeps update the **Body of Knowledge** where you can find additional information, including training videos about MSDI that you can share in your HO.

In Singapore, during the same week of the MSDI13, the International Seminar on United Nations Global Geospatial Information Management was held; you can find the final statement of the seminar at the following link: https://ggim.un.org/meetings/2022/3rd-WG-MGI/documents/Singapore-Statement_12May.pdf; all presentations are available at the following link: <https://ggim.un.org/meetings/2022/3rd-WG-MGI> clicking on the tab International Seminar Materials. There is my presentation about our activities related with Capacity Development here <https://ggim.un.org/meetings/2022/3rd-WG-MGI/documents/Session%206-Nicola%20Pizzeghello.pdf>.

As you can deduct, MSDIWG activities are linked with those of MGIWG, and the seminar was an occasion to present common views.

The main outcome of the third meeting of MGIWG was the preparation of the Operational Framework for Integrated Marine Geospatial Information Management (IGIF – H, where H stands for Hydro); it was endorsed in New York by the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) and it is now ready to be shared. You can download it at the following link: https://ggim.un.org/meetings/GGIM-committee/12th-Session/documents/Operational_Framework_for_Integrated_Marine_Geospatial_Information_%20Management_Part1.pdf. It is the integration of the IGIF to the water domain, and it explains the key role that our community is playing at a global level beyond IHO activities.

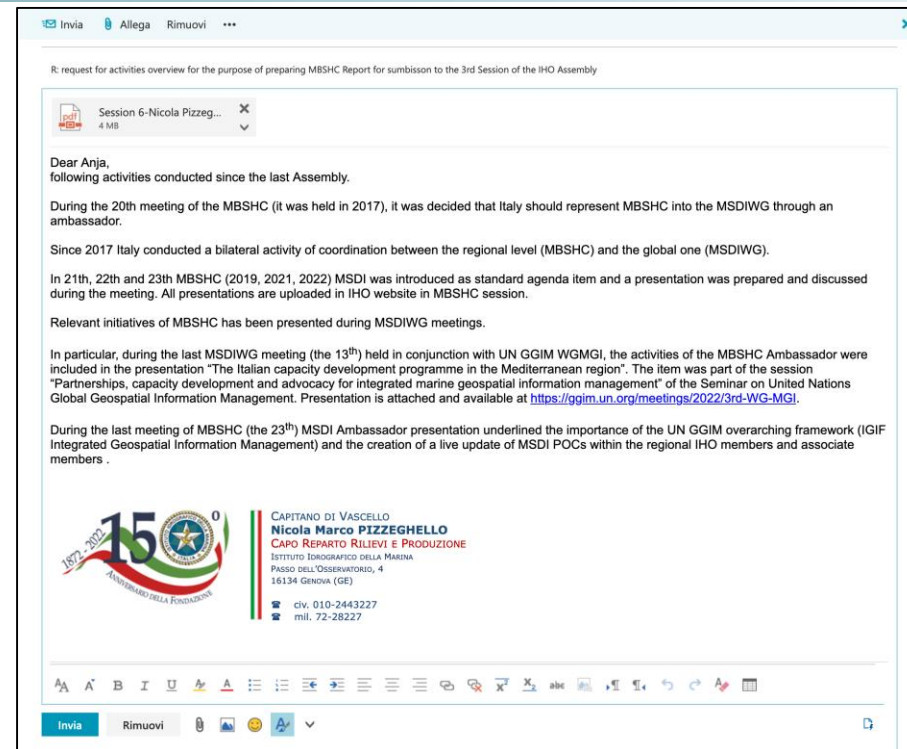
The last information is about the next MSDIWG14 (it will be, as usual, a joint session with MGIWG and OGC Marine Domain Working Group) that will be held here in Genova between 30 January 2023 and 3 February 2023. All additional information will be shared by the working groups.

These are, from my point of view, the main topics; through links you can go deeper. For any additional information please feel free to contact me.

Best regards

Commander Nicola Marco Pizzeghello
Italian Hydrographic Institute
The Head of Production Department
Phone 0039 010 2443330

MSDI points of contact update



Invia | Allega | Rimuovi

R: request for activities overview for the purpose of preparing MBSHC Report for submission to the 3rd Session of the IHO Assembly

Session 6-Nicola Pizzeg...
4 MB

Dear Anja,
following activities conducted since the last Assembly.

During the 20th meeting of the MBSHC (it was held in 2017), it was decided that Italy should represent MBSHC into the MSDIWG through an ambassador.


Since 2017 Italy conducted a bilateral activity of coordination between the regional level (MBSHC) and the global one (MSDIWG).

In 21th, 22th and 23th MBSHC (2019, 2021, 2022) MSDI was introduced as standard agenda item and a presentation was prepared and discussed during the meeting. All presentations are uploaded in IHO website in MBSHC session.

Relevant initiatives of MBSHC has been presented during MSDIWG meetings.

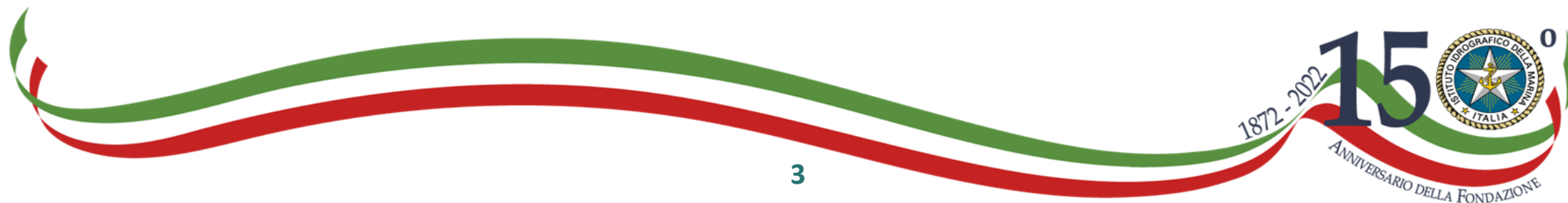
In particular, during the last MSDIWG meeting (the 13th) held in conjunction with UN GGIM WGMGI, the activities of the MBSHC Ambassador were included in the presentation "The Italian capacity development programme in the Mediterranean region". The item was part of the session "Partnerships, capacity development and advocacy for integrated marine geospatial information management" of the Seminar on United Nations Global Geospatial Information Management. Presentation is attached and available at <https://ggim.un.org/meetings/2022/3rd-WG-MGI>.

During the last meeting of MBSHC (the 23th) MSDI Ambassador presentation underlined the importance of the UN GGIM overarching framework (IGIF Integrated Geospatial Information Management) and the creation of a live update of MSDI POCs within the regional IHO members and associate members.

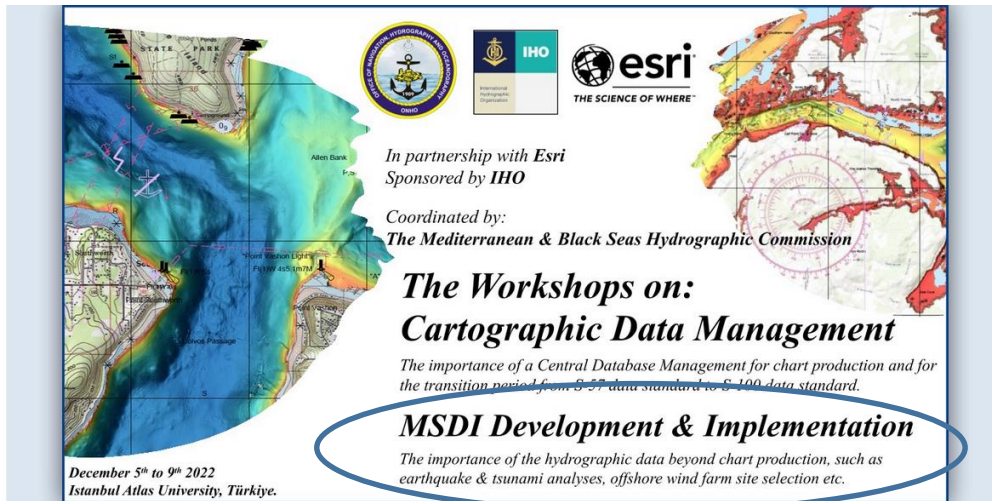
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Invia | Rimuovi

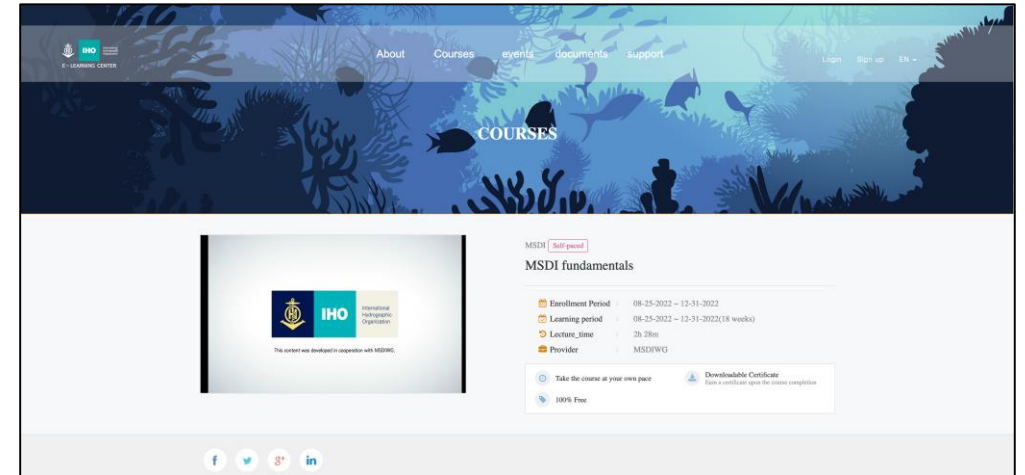
MBSHC chiar update



MSDI CAPACITY BUILDING



The poster features logos for the IHO, Esri, and the Mediterranean & Black Seas Hydrographic Commission. It includes a bathymetric map of a coastal area with labels like 'Allen Bank' and 'Sarıyazı Light'. The text reads: 'In partnership with Esri Sponsored by IHO', 'Coordinated by: The Mediterranean & Black Seas Hydrographic Commission', 'The Workshops on: Cartographic Data Management', 'The importance of a Central Database Management for chart production and for the transition period from S-57 data standard to S-100 data standard.', and 'MSDI Development & Implementation' (circled in blue). Below this, it states: 'The importance of the hydrographic data beyond chart production, such as earthquake & tsunami analyses, offshore wind farm site selection etc.' and 'December 5th to 9th 2022 Istanbul Atlas University, Türkiye.'

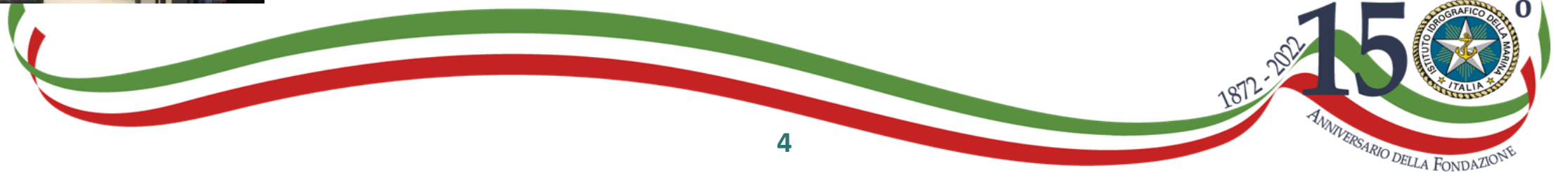


The screenshot shows a web page for 'MSDI fundamentals' with a navigation menu (About, Courses, events, documents, support) and a 'COURSES' header. The course details include: 'Enrollment Period: 08-25-2022 - 12-31-2022', 'Learning period: 08-25-2022 - 12-31-2022 (18 weeks)', 'Lecture_time: 2h, 20m', and 'Provider: MSDI/DWG'. It also features a 'Take the course at your own pace' option and a 'Downloadable Certificate' icon. Social media icons for Facebook, Twitter, YouTube, and LinkedIn are at the bottom.



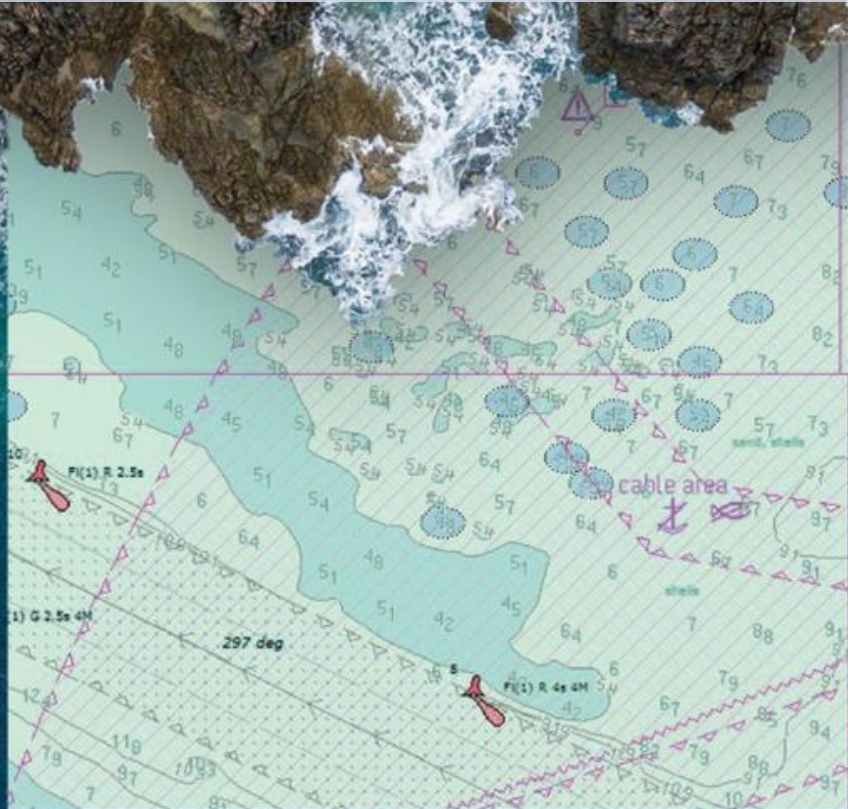
On site

On line





MARINA
MILITARE



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Hydrographic
information driving
marine knowledge



Genova, 30th January 2023