



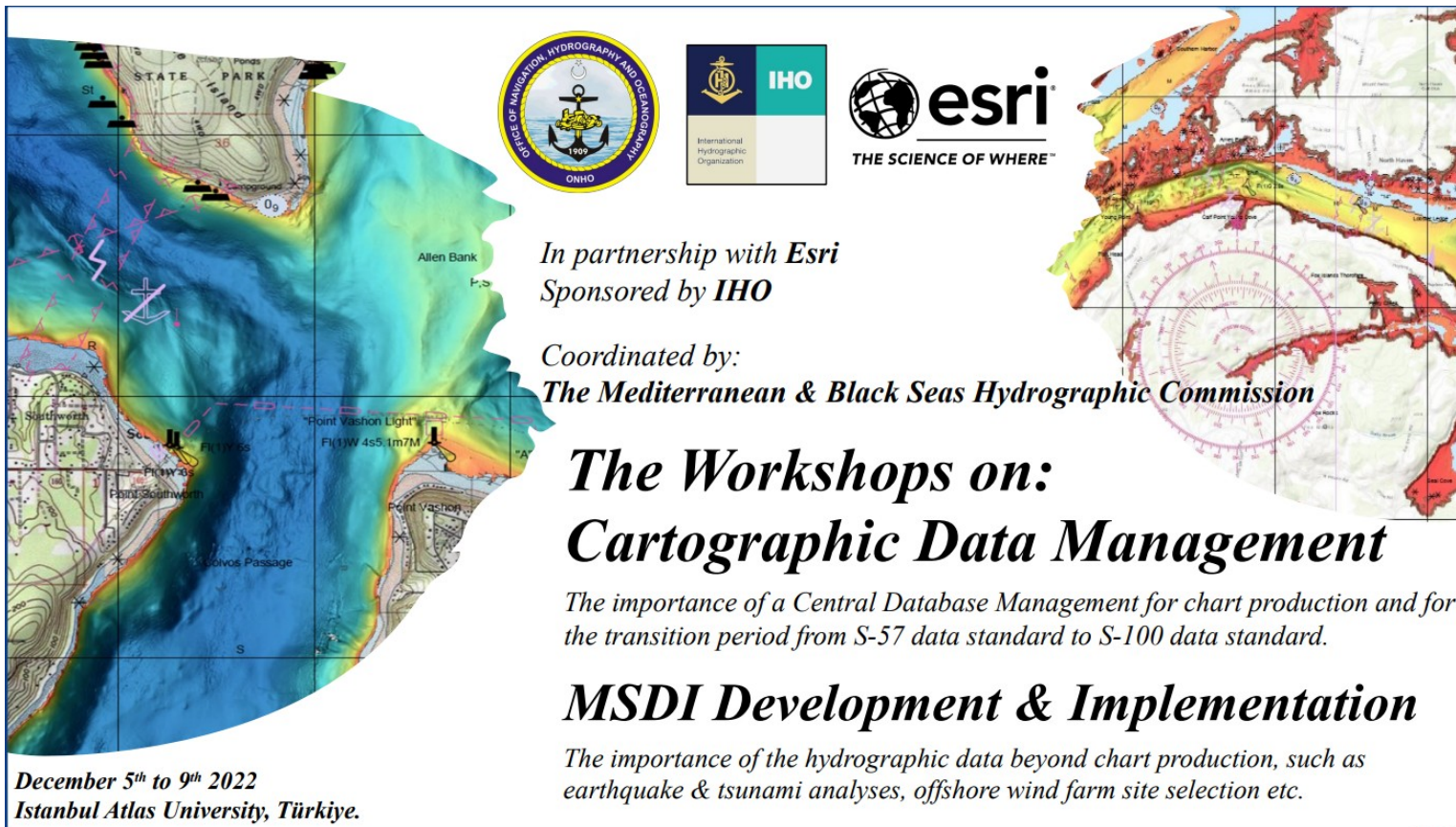
# 21<sup>st</sup> MEETING OF THE CAPACITY BUILDING SUB-COMMITTEE

## MBSHC REPORT

*Tokyo, Japan*

*07-09 June 2023*

# SINCE CBSC20...



*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.*

***MSDI Development & Implementation***

*The importance of the hydrographic data beyond chart production, such as earthquake & tsunami analyses, offshore wind farm site selection etc.*

***December 5<sup>th</sup> to 9<sup>th</sup> 2022  
Istanbul Atlas University, Türkiye.***



# SINCE CBSC20...



Tokyo, Japan

*First CB Trainings with the attendance of an Associate Member State*



07-09 June 2023

# MBSHC CB PLAN-2023

#	<i>Activity</i>	<i>Participating Member States</i>
P-06	<i>Workshop on MSI Development and Implementation</i>	<i>Tunisia</i>
		<i>Malta</i>
		<i>Albania</i>
		<i>Türkiye</i>
		<i>Bulgaria</i>
		<i>Romania</i>
		<i>Ukraine</i>
		<i>Georgia</i>
		<i>Croatia</i>
		<i>Montenegro</i>
		<i>Lebanon</i>



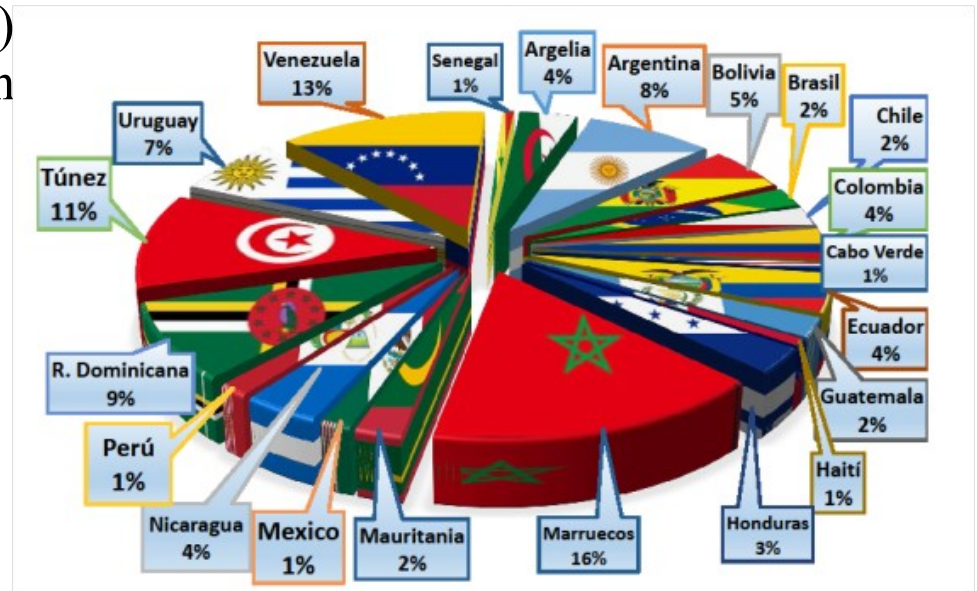
## Escuela de Hidrografía (ESHIDRO) «Alejandro Malaspina»



The School of Hydrography (ESHIDRO) is located in the facilities of the Spanish Navy Hydrographic Office.

- ❑ *Equipment & Vessel*
- ❑ *Knowledge & Capacity*

138 international students have attended the CB activities since 1969 (in Spanish).





## Courses at ESHIDRO (Cádiz)



- Hydrography Specialization Course of **Category-A** (10 months)
- Hydrography Specialization Course of **Category-B** (10 months)
- Hydrographic Surveys **Basic Course** (*8 weeks*)
- Hydrography & Cartography **Middle Course** (*15 weeks*)
- Hydrographic Equipment Management **Basic Course** (*8 weeks*)
- Processing Multibeam Data & Acquisition **Advanced Course** (*15 weeks*)
- Photogrammetry (*2 weeks*)
- Graphic Arts for Nautical Charts & Publications (*4 weeks*)
- AWNIS (Allied Worldwide Navigational Information System) (*1 week*)

# MBSHC CB PLAN-*THREE YEARS*

#	2023
1	<i>Workshop on MSI Development &amp; Implementation</i>

#	2024
1	<i>Workshop on ENC Quality Assessment</i>
2	<i>Workshop on Disaster Response</i>

#	2025
1	<i>Technical Visit to Lebanon</i>
2	<i>Technical Visit to Albania</i>

# FINAL WORD

## **ACTIONS REQUESTED FROM CBSC**

*Note the report.*





# 21<sup>st</sup> MEETING OF THE CAPACITY BUILDING SUB-COMMITTEE

## MBSHC REPORT