

IHO CAPACITY BUILDING SUB-COMMITTEE  
**CBSC22**  
**Meso American & Caribbean Sea Hydrographic  
Commission  
(MACHC)**  
**Report to CBSC**

Galapagos, Ecuador, 5-7 June 2024

Capacity Building Update

Lucy Fieldhouse

# Meso American & Caribbean Sea Hydrographic Commission (MACHC) Report

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- MACHC Activities completed since CBSC21
- Activities planned for 2024
- Regional Challenges
- Achievements

# Meso American & Caribbean Sea Hydrographic Commission (MACHC) Report

## Activities completed since CBSC21

- **Technical Visit – Belize**

5-9 June 2023

- **High Level Visit – Dominican Republic**

23-24 November 2023

- **High Level Visit – Jamaica**

5-7 December 2023



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## Activities completed since CBSC21

- **Tides Workshop for Spanish Speakers**
- 13 – 17 November, Costa Rica
- **31 Participants from the MACHC, SWAtHC and SEPRHC** Argentina, Brazil, Chile, Columbia (2), Costa Rica (6), Cuba, Dominican Republic (4), Ecuador (2), Guatemala (2), Honduras, Mexico, Nicaragua (2), Panama (3), Peru, El Salvador (2), Uruguay
- Funding contribution from IHO, IOC and IMO



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## Activities planned for 2024

- Technical Visits:
  - Costa Rica – Dates to be confirmed
  - Honduras – Dates to be confirmed
- MSI Course

## Challenges faced in the region

- Environmental – year on year increase in severity of hurricane season / changes to rainfall levels
- Non IHO Member States and lack of Hydrographic Governance.
- ENC producers face challenge with meeting the IHOS-100 implementation timescales

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## Achievements

- **Empowering Women in Hydrography**

- Internship NOAA At sea experience - LT Camila Beltrán Martinez (Colombia)
- Internship SHOM (FRANCE) Hydrographic and Oceanographic Surveys and Hydrographic Training – Ms. Gabriela Castro (Colombia)

2023

- **Master of Science Programme in Hydrographic Science**, University of Southern Mississippi Sponsored by The Republic of Korea (10th Course, August 2022 - August 2023) - Guatemala - Mr Diego Fernando Mendez Porta
- **Category “B” Nautical Cartography Programme** Sponsored By The Republic Of Korea (19 June - 3 November 2023) Guatemala - Mr Walther Danilo Quiroz Gonzalez
- **Nippon Foundation GEOMAC (Geospatial Marine Analysis and Cartography) Project 15<sup>th</sup> Course**, UK Hydrographic Office - Jamaica - Ms Shari Bowen-Robinson also participating Mrs. Nayivis López Ortega from Cuba

2024

- **Category “B” Hydrography Programme** Sponsored By The Republic Of Korea (17 June - 1 November 2024) – Jamaica (Mr Devroy GAYLE), - Suriname (Mr Anthony PIEKA), and - Venezuela (Mr Victor RIOS ROJAS)
- **Nippon Foundation GEOMAC (Geospatial Marine Analysis and Cartography) Project 16<sup>th</sup> Course**, UK Hydrographic Office - Cuba (Ms Yusdaide PONS CASTILLO) and Venezuela (Bolivarian Republic of) (Ms Karla Maroly ORTÍZ DÍAZ)

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CBSC are requested to:

- a) Note the report
- b) Encourage all RHCs to collaborate on CB training of common interest to maximise the use of CB funds
- c) Invite the CBSC to continue to explore opportunities with donor organisations
- d) Take any action considered appropriate