



International Marine Science Conference on IOCARIBE GOOS



| | |
|------------------------------------|--|
| May 8, 2023 | <u>Meeting Link:</u> https://unesco-org.zoom.us/j/82936647892 |
| 0900 - 1700 Bogotá Time (UTC-5) | <u>Meeting ID:</u> 829 3664 7892 <u>Passcode:</u> 741971 |

PURPOSE

To develop a regional commitment and strategy to establish an Ocean Observing and Forecasting System for the IOCARIBE and Tropical Americas and Caribbean (TAC) region - ahead of the 17th Session of IOCARIBE, considering the 2030 GOOS Strategy, and recently endorsed Decade Actions in the (TAC) Region.

SESSION OBJECTIVES

- Provide an opportunity for IOCARIBE Member States to express their interest in contributing to a sustained ocean observing and forecasting system for the TAC/IOCARIBE region.
- Identify ways to share, maintain and promote ocean observing best practices in the TAC.
- Determine a path forward while aligning with the GOOS 2030 Strategy, the GOOS Steering Committee, and the work done in other GOOS Regional Alliances (GRAs).
- Discuss the co-design and operation of a sustained integrated ocean observation and forecasting system for the Caribbean region as proposed in the UN Decade - endorsed action, ‘An Observing and Forecasting System for the Tropical Americas and Caribbean Region’
- Establish an IOCARIBE-GOOS governance and management structure in the TAC.
- Understand requirements of global Ocean Decade Programs as they relate to ocean observing in the TAC.

EXPECTED OUTCOMES AND BENEFITS OF REINVIGORATING IOCARIBE GOOS

- A predicted ocean whereby society has the capacity to understand current and future ocean conditions, and the ability to forecast their change and impact on human wellbeing and livelihoods.
- Sustained long-term high-quality observations of marine and coastal environments, including human interactions, creation and operation of models based on stakeholder needs, and delivery of forecast and decision-support tools that help fulfill the multiple sustainable development goals of the Decade.
- Observations, forecasts and products that address essential ocean variables as determined

by regional needs, including biological and ecological variables useful for ecosystem management and the generation of ocean health indicators,

- Widely available ocean and marine products that contribute to TAC ocean health, safety of life and property, and stakeholder needs.
- A system that delivers measurable benefits to the region's social, environmental, and economic welfare.
- A system that delivers observations, data, forecasts, and products targeted to support other Tropical Americas and Caribbean Outcomes and Actions
- Open access to data, information, and technologies.
- Standardization and best practices for coordinated data collection, management, and use.
- Multidisciplinary partnerships to integrate earth system/social sciences, and cross-sectoral participation to mobilize constituencies for national policy and community decision-making processes.
- A system with project components to be co-designed, but including at least components focused on regional ocean observations; modeling, forecasts, and products; data management; and capacity building.

Annotated Agenda

| Time | Agenda Item |
|-------------|---|
| 0900 - 1000 | <p>Introductions & Opening Remarks</p> <ul style="list-style-type: none"> ● Dr. Vladimir Ryabinin - Executive Secretary of IOC ● Dr. Lorna Inniss - Head IOCARIBE Secretariat ● Dr. John Cortinas - Chair of IOCARIBE GOOS ● Mr. Ruleo Camacho - ECOPs Representative |
| 1000 - 1045 | <p>GOOS Program Overview and Regional Alliances</p> <ul style="list-style-type: none"> ● Emma Heslop - GOOS Project Office Perspective ● Joaquin Tintore - Readout from the GOOS SC meeting ● Doug Wilson - Brief History of IOCARIBE GOOS |
| 1045 - 1100 | Break |
| 1100 - 1200 | <p>IOCARIBE Programs and Decade Actions in the TAC Region</p> <ul style="list-style-type: none"> ● Edgard Cabrera - Seabed Mapping ● Francisco Arias - Clean/Healthy/Productive Ocean ● Christa von Hillebrandt-Andrade - Safe/Predicted/ Transparent Ocean ● Elva Escobar - Capacity Development/Inspiring/Engaging Ocean ● Doug Wilson - TAC-OOS Endorsed Decade Activity |
| 1200 - 1300 | Lunch Break |
| 1300 - 1500 | <p>Leveraging regional and international networks and furthering engagement in the Tropical Americas and Caribbean (TAC)</p> <ul style="list-style-type: none"> ● Emma Heslop - Setting the stage + GOOS CoDesign ● Emily Smith - Argo ● Scott Glenn - Uncrewed systems in TAC ● Nadia Pinardi - Coast Predict ● Annie Zaino - EarthScope ● David Farrell -Caribbean Institute for Meteorology and Hydrology ● Julio Morell - CariCOOS ● Silvia Chacon - Tsunami and Tide Gauges |
| 1500 - 1530 | Break |
| 1530- 1645 | Guided Q&A / Open Discussion and Recommendations for the 17th Session of IOCARIBE |
| 1645 - 1700 | Closing |