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Intergovernmental
Oceanographic
Commission

Sub-Commission for the Caribbean
and Adjacent Regions

Subcomisión para el Caribe y
Regiones Adyacentes



2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development



SUPPORTING A GLOBAL COLLECTIVE VISION
FOR OCEAN SCIENCE BY

MATCHING REGIONAL PRIORITIES

IOCARIBE REGIONAL PRIORITIES
2024-2025

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IOCARIBE Programs & Priorities

- **14** programs aimed to improve the state of oceanography within the region.
- Issues being addressed include:

Ocean Literacy

Capacity Development

**Development of Ocean
Observational + Numerical
Modeling Systems**

**Oceanographic Data
Management & Co-
Design**

Sargassum

**Multi-Hazard
Early Warning
Systems**

HABs



1. Capacity Development & Ocean Literacy

PROMOTING OCEAN SCIENCE LITERACY, ACCESS AND EDUCATION IN THE TAC REGION

- IOCARIBE Regional Ocean Literacy Working Group
 - Promote and foster discussion and experience change among the Ocean Decade national committees.
- Give visibility to local/national efforts and raise awareness
- Promote engagement and knowledge exchange with local communities and traditional knowledge holders.

Links to Decade Outcomes & Challenges

Outcome 2: Healthy Oceans

Outcome 6: Accessible Ocean

Outcome 7: Engaging Ocean

Challenge 4: Generate solutions for equitable and sustainable development of the ocean economy


Challenge 9: Capacity development and equitable access to data

Challenge 10: Ensure human wellbeing, culture, and sustainable development are understood.. to improve humanity's relationship to the ocean.

2. IOCARIBE-GOOS: Global Ocean Observing System Priorities

- Long-term high-quality observations
- Observations, forecasts, and products to address essential ocean variables regionally
- Open access to data
- Measurable benefits
- Widely available marine products
- Best Practices
- Multidisciplinary partnerships

 Field training and access to technology

 Training in use of data networks

 Training for Ocean Observations for decision making

 Support of approvals for data collection in EEZs

 Engagement sessions for policy-makers

Links to Decade Outcomes & Challenges

Outcome 3: A Predicted Ocean

Challenge 5: Unlock ocean-based solutions to climate change

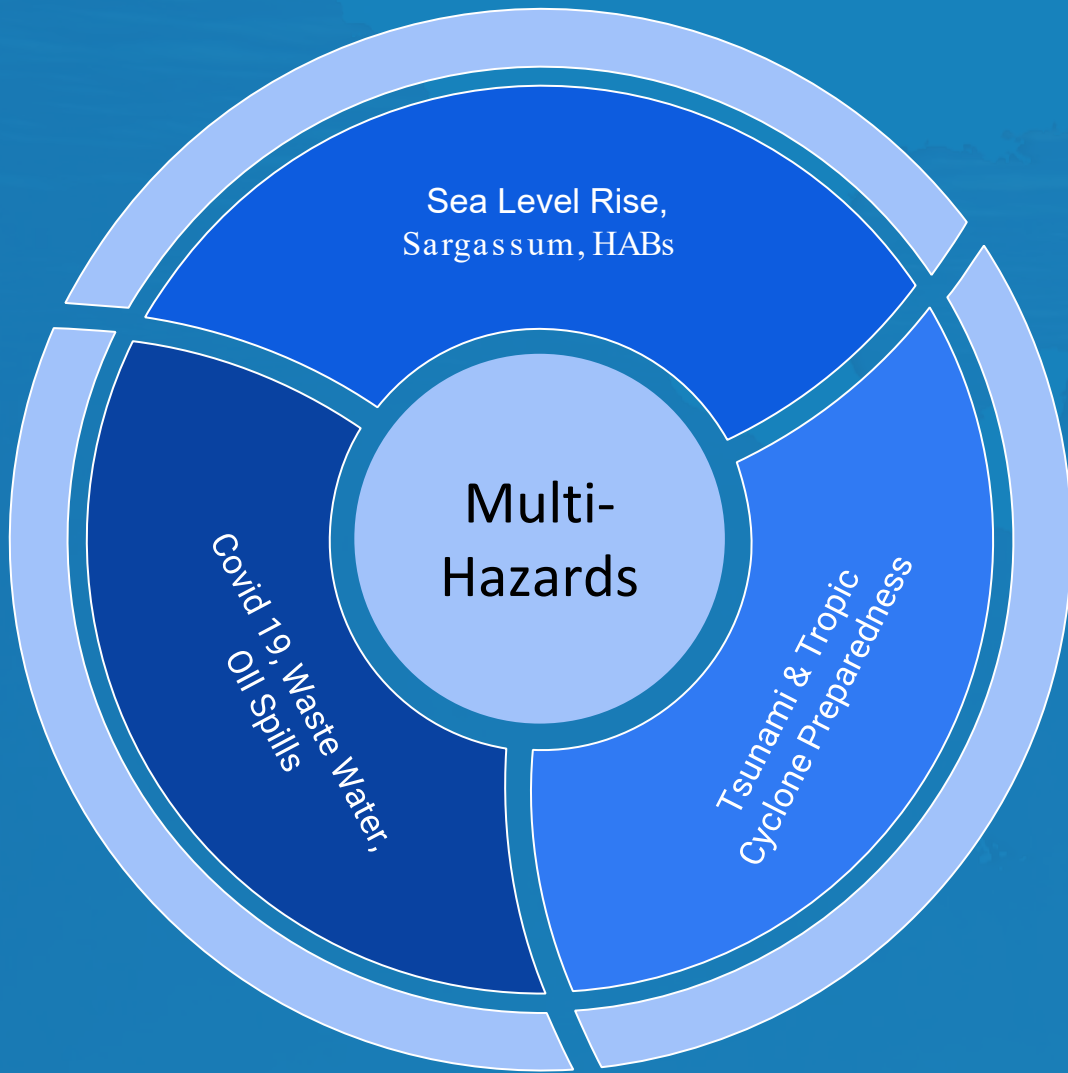
Outcome 4: A Safe Ocean

Challenge 6: Increase community resilience to ocean hazards

Outcome 6: A Transparent Ocean

Challenge 7: Expand the Global Ocean Observing System: Ensure a sustainable ocean observing system that delivers timely data and information accessible to all users on the state of the ocean across all ocean basins.

3. Impact-based Multi-Hazard Early Warning Systems and Services (MHEWS)



Links to Decade Outcomes & Challenges

Outcome 3:
A Predicted
Ocean

Outcome 4:
A Safe Ocean

Outcome 6:
A Transparent
Ocean

Challenge 6: Increase community resilience to ocean hazards: Develop a sustainable and equitable ocean economy: Expand multi-hazard warning systems for all biological, geophysical, and weather and climate related ocean hazards, and mainstream community preparedness and resilience.

Challenge 7: Expand the Global Ocean Observing System: Ensure a sustainable ocean observing system that delivers timely data and information accessible to all users on the state of the ocean across all ocean basins.

Sargassum, HABs & Sustainable Ocean Planning (MSP)

- Established Activities and Projects
- Increasing observing, remote sensing, modeling technology advancement

5. Data Information Management and Co-Design

- Best practices of ocean data collection and management, ensuring regional databases interoperability
- Overcoming impediments to ocean data sharing
- Ensure development of ocean data and information **management plans**
- Facilitate partnerships between multi-sector stakeholders
- Address the gaps
- Make high-quality ocean data available for all in the TAC Region

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MUCHAS GRACIAS
THANK YOU
MERCI BEAUCOUP