



#AtlantOS

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**An International Program for Basin-Scale
Observing of the Atlantic Ocean**

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Steering Committee: M. Visbeck (Germany) | S. Speich, P.Y. Le Traon (France)
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Basin-scale Implementation & Use Case Approach

Carbon Uptake –
Identifying sources
and sinks of carbon

Mitigating Impacts of
Sargassum on Coastal
Communities in the
Tropical Atlantic

Networks to predict
and explain marine
animal movements in a
changing environment



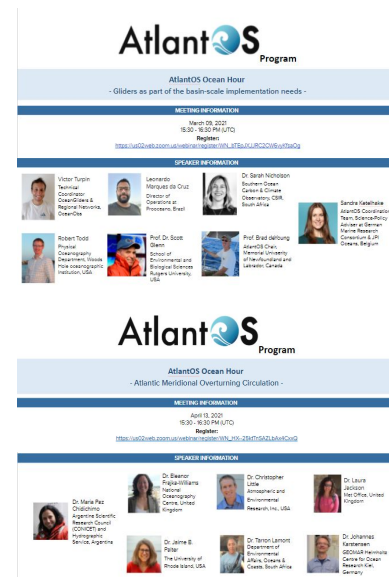
Providing Basin-Scale
Climate Services –
Atlantic Meridional
Ocean Circulation

Supporting Ecosystems
Based Management
for Fisheries in Atlantic
Upwelling Regions

- Improving **international collaboration** in the design, implementation and benefit sharing of ocean observing,
- Promoting **engagement and innovation** in all aspects of ocean observing,
- Facilitating **free and open access** to ocean data and information => **Digital-Twin Ocean**
- Enabling and disseminating methods of achieving **quality and authority** of ocean information,
- Strengthening the Global Ocean Observing System (**GOOS**) and contribute to **GEO Blue Planet Initiative**, **WMO** and other UN actors
- Contributing to the **Galway** and **Belém** Statements on Atlantic Ocean Cooperation

An international programme leading to a comprehensive All-Atlantic Ocean Observing System that benefits all of us living, working and relying on the ocean

- Increased engagement and connection with **national & regional initiatives** e.g. GOOS networks, CIOOS, IOOS, IOC-UNESCO, PIRATA, TAOS, South Atlantic Networks
- New Governance and implementation** by December 2021
 - Turnover plan for Steering Committee, Open call for new membership, Regular reporting requirements*
 - Creation of Engagement Board (May 2022)*
- Roadmap/Work development – 2022**
- Communications:** AtlantOS Ocean Hour, Quarterly Newsletter
- Events:** All-Atlantic 2021 Side Event, DOOS Scoping Workshop, Townhall OSM 2022, All-Atlantic 2022
- Working Groups: Redefining in collaboration with GOOS (2022)



- **How can GOOS support AtlantOS?**
 - Enhance communication and coordination
 - Connections to Global Networks – Argo, Ocean Sites, GO-SHIP, Ocean Gliders et al.
 - Support communication with regional networks
 - Support development of guidelines for best practices around working together
 - Clear guidelines on how regional projects and GRA's should collaborate
- **What is missing in the current structure?**
 - Observing side – need to optimise observing system design with regional focus
 - Limited coordination with programs outside the GOOS umbrella
 - Limited integration of data and information services
 - Connections to user communities need strengthening, best achieved through regional and thematic approaches