

Introduction to the IOOC

Deerin Babb-Brott, IOOC Co-Chair

January 6, 2025



The Interagency Ocean Observation Committee



Legislative Foundation: Established under ICOOS Act of 2009, reauthorized in 2020 (next 2025)

Chartered Authority: Operates under the National Science and Technology Council (NSTC)
& Subcommittee on Ocean Science and Technology (SOST)

Federal Coordination: Mobilizing federal ocean observation activities across agencies

Strategic Leadership: Drives strategic initiatives to address ocean observation challenges

Collaboration: Partners with multiple federal agencies, leveraging their expertise and resources

Mission Driven: Supports the ocean observing enterprise and the U.S. IOOS



Structure and Members



Co-Chairs

Lisa Clough (NSF)

Laura Lorenzoni
(NASA)

David Legler
(NOAA)

Deerin Babb-Brott
(OSTP)

Members, Agencies

- Jonathan Blythe, BOEM
- Carrie Schmaus, DOE
- Melissa Genazzio, DOE
- Brian Melzian, EPA
- Susan Yee, EPA
- Erin LaBrecque, MMC
- Jennifer Hailes, NAVY
- Mike Weise, NAVY
- Krisa Arzayus, NOAA
- Paul DiGiacomo, NOAA
- Carl Gouldman, NOAA
- Patrick Dickhudt, USACE
- Candace Nachman, USCG
- Hilary Stockdon, USGS
- Emily Himmelstoss, USGS



LEGISLATIVE MANDATES (IOOC)

The Interagency Ocean Observation Committee shall—

- (i) prepare annual and long-term plans for the System;
- (ii) develop an annual coordinated budget;
- (iii) establish required observation data variables;
- (iv) establish data protocols and standards;
- (v) develop contract certification standards;
- (vi) identify gaps in ocean observation data;
- (vii) establish a competitive matching grant program;
- (viii) ensure collaboration among Federal agencies;
- (ix) periodically—review the System Plan; and submit to the Council such recommendations for improvements to the System Plan;
- (x) perform duties delegated by the Council.

Key Activities



Task Teams

- Coastal Climate Signal Task Team
- Ocean Societal Indicators (OSI) Task Team
- **Biology - Integrating Core to Essential Variables (Bio-ICE) Task Team**
- Metrics for Ocean Observing Systems (MOOS) Task Team
- **Glider Task Team**
- **Animal Telemetry Network (ATN) Task Team**
- **Biological Integration and Observational (BIO) Task Team**
- IOOS Modeling Task Team

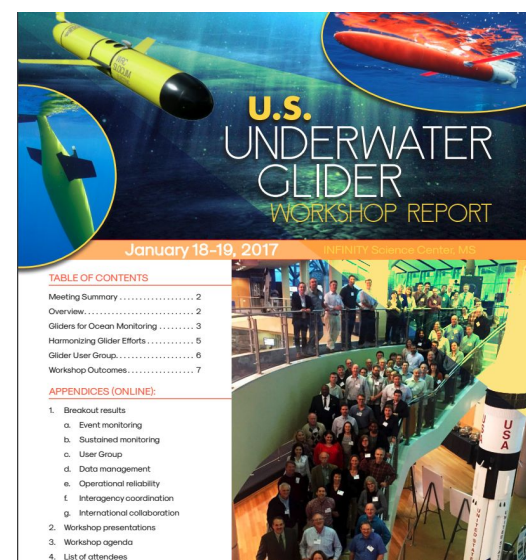
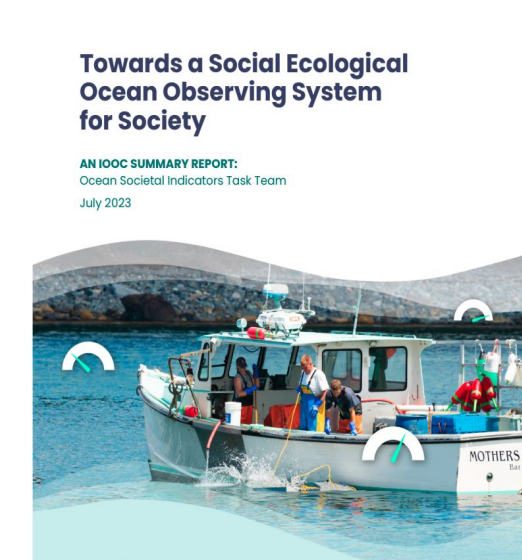
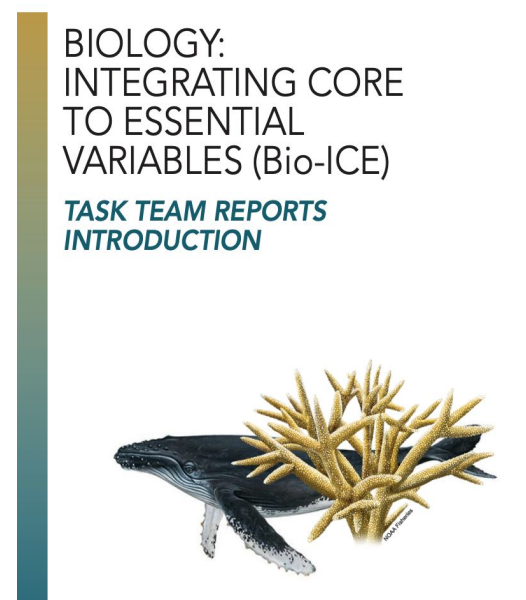
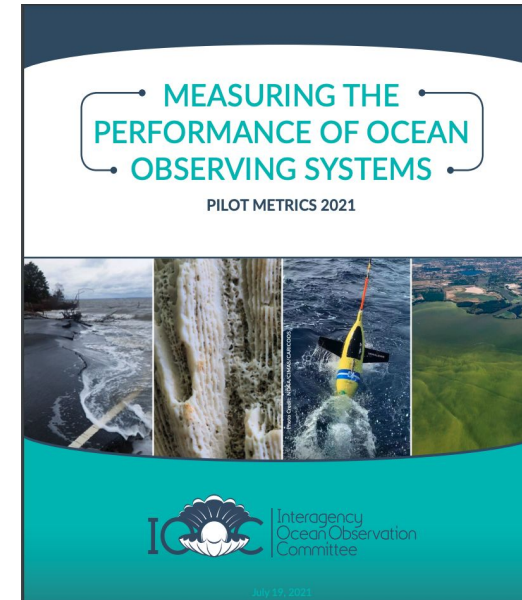


TABLE OF CONTENTS	
Meeting Summary	2
Overview	2
Glidens for Deep Monitoring	3
Harmonizing Glider Efforts	5
Glider User Group	6
Workshop Outcomes	7
APPENDICES (ONLINE):	
1. Breakout results	
a. Event monitoring	
b. Sustained monitoring	
c. User Group	
d. Data management	
e. Operational reliability	
f. Interagency coordination	
g. International collaboration	
2. Workshop presentations	
3. Workshop agenda	
4. List of attendees	



STRATEGIC PLAN

2024-2029



Goal 1: Ocean Observing System Development

- Facilitate the evolution of a state of the art integrated and interoperable ocean observation system responsive to societal needs, agency missions, and national and international priorities.

Goal 2: Partner Engagement

- Collaborate with diverse partners to expand awareness, grow contributions, and improve access to and usage of ocean data and information.

Goal 3: Ocean Observing System Sustainability

- Sustain the ocean observation system through shared leadership, joint planning, and results-driven implementation.

Implementation Planning



Goal: Identify 1-2 **Annual Focus Areas** to Frame Draft Deliverables for our Implementation Plan

We've collecting information to guide our decision-making process, involving insights from: IOOC, IOOS Association, IOOS Program Office, SOST/OSTP, GOOS, OPC...

Currently scoping: Ocean Co-Use

- Collaborative management and utilization of ocean space and resources by a diverse array of stakeholders. The goal of ocean co-use is to optimize the sustainable use of ocean areas by advancing regional understanding of spatial needs, improving data sharing, and enhancing decision-making tools.
- This approach relies on interagency coordination and shared data platforms to support comprehensive local, regional, and national ocean management strategies.

Engagement with IOOS Advisory Committee



LEGISLATIVE MANDATES Advisory Committee)

The Administrator shall establish or designate a System advisory committee, which shall provide advice as may be requested by the Administrator or the Council//

The purpose of the System advisory committee is to advise the Administrator and the Interagency Ocean Observing Committee on—

(A) System management – administration, operation, management, and maintenance of the System, including integration of Federal and non-Federal assets, data management, sharing, and communication, and fulfilling the purposes in section 3601 of this title.

(B) Technology upgrades – periodic modernization and expansion of System components.

(C) End-user focus – identifying end-user communities, their information needs, and assessing the System's effectiveness in disseminating information to users and the public.

(E) Other purposes identified by the Administrator or the Council.

Opportunities for Engagement

- IOOC ex officios
- IOOS Advisory Committee Recommendations
- Co-Chair Calls (weekly)
- Full Membership Meetings (bimonthly)
 - Interim Meetings (Alternate Months)
- Task Teams
- Strategic Planning Implementation (Co-Use)

Questions?



Organization

