

Supporting OA Action Planning and Implementation in the Mid-Atlantic

Mid Atlantic Coastal Acidification Network (MACAN) and OA Alliance
Virtual Workshop

Tuesday, October 26
1:00 PM - 4:30 PM EST
(3.5 hours in duration)

*The majority of the Mid-Atlantic coastal states are pursuing OA Action Planning either as stand-alone efforts or as part of broader coastal/ocean planning efforts. This workshop seeks to connect researchers, state agencies, and/or representatives from state legislatures from across the Mid-Atlantic region to help inform OA Action planning with an **emphasis on identifying associated data/ information needs for management and coordinating monitoring where appropriate.***

Objectives:

- Share OA Action Planning progress, lessons-learned and next steps regarding state OA Action Planning efforts.
- Deepen understanding about the science relevant for implementing OA Action Plans.
 - Where are the gaps?
 - Are there targeted research projects that would help fill those gaps?
- Identify opportunities for Mid-Atlantic states to coordinate on monitoring and/or data sharing at the regional (or water body) scale.
- Discuss pathways for setting up a regional OA observation network, beginning with a regional asset inventory.

Agenda:

1:00 p.m. **Welcome and agenda overview**
MACAN Co-Coordinator

1:05 p.m. **Opening Remarks**
Libby Jewett, NOAA Ocean Acidification Program

Part 1. Updates from Mid-Atlantic States' Ocean Acidification Action Planning Efforts

1:15 p.m. **Presentations: Updates from State OA Action Planning Efforts (40 minutes)**

- State of New Jersey
- State of New York
- State of Maryland

Each presenter will provide an overview of OA Action Planning in their state (impetus, framework, status, recommendations), with a focus on the following questions:

1. Are there knowledge gaps that have been identified/ prioritized as most important to fill?
2. Are there targeted research projects that would be most useful for OA Action Plan implementation (species response/ water body inputs/ regional level)?

Part 2. Ocean & Coastal Acidification Monitoring Methods & Regional Data Sharing

1:55 p.m. **Overview of Ocean and Coastal Acidification Monitoring**
Presenter: MACAN Science Work Group

This presentation will include a brief review of the parameters essential for effective acidification monitoring; data collection methods and utility of each; and a summary of monitoring status in the Mid-Atlantic.

2:10 p.m. **Regional Data Sharing and Mapping Tools in the Mid-Atlantic -**
Presenters: Representatives from the MARACOOS OceansMap and the MARCO Mid-Atlantic Ocean Data Portal

Representatives from the MARACOOS OceansMap and MARCO Mid-Atlantic Ocean Data Portal teams will discuss how these regional data sharing hubs could interact with ocean acidification data. This section of the agenda seeks to answer questions such as, “Where do the data live?” and “How do MARACOOS and MARCO tools complement one another?”

2:25 p.m. **10-minute Health Break**

Part 3. Case Study from the West Coast: Regional Monitoring Inventory

2:35 p.m. **Establishing a coast-wide OA monitoring inventory to support management decisions**

Presenter: Caren Braby, Oregon Department of Fish and Wildlife

2:50 p.m. **Lessons learned conducting OA monitoring gaps analysis with an emphasis on decision-maker relevant information and recommendations**

Presenter: Justine Kimball, California Ocean Protection Council or Steve Weisberg, California OAH Task Force

Part 4. Acidification Monitoring and Interface with Regional Data Hubs

3:05 p.m. **Facilitated Discussion with workshop attendees.**

Questions to consider are:

- ❖ What are the capacity and sensor needs for adding OA parameters to water quality monitoring efforts?
- ❖ How can OA monitoring data best interact with existing regional data hubs to be most useful and accessible to decision-makers?
 - What is needed to get real-time OA monitoring data to MARACOOS OceansMap?
 - What kinds of mapping products would be useful to decision-makers (MARCO Data Portal)?
- ❖ How do we determine information gaps and what research is needed to fill them?

Part 5: Breakout Sessions

Participants will select from four discussion topics. There will be two, 25-minute breakout sessions with the same topics available for each.

3:30 p.m. **Breakout Session 1**

- ❖ Room 1: Action planning, information needs and synthesis products for decision makers
- ❖ Room 2: Goal and application potential of regional vulnerability assessments for state priorities and resource management strategies
- ❖ Room 3: The importance of colocation of biological monitoring and research, and application for management strategies
- ❖ Room 4: Building a Mid-Atlantic Regional Monitoring Inventory

After 25 minutes - Option to switch rooms

4:00 p.m.

Breakout Session 2

- ❖ Room 1: Action planning, information needs and synthesis products for decision makers
- ❖ Room 2: Goal and application potential of regional vulnerability assessments for state priorities and resource management strategies
- ❖ Room 3: The importance of colocation of biological monitoring and research, and application for management strategies
- ❖ Room 4: Building a Mid-Atlantic Regional Monitoring Inventory

4:25 p.m.

Wrap-up

4:30 p.m.

Adjourn