



# Massachusetts Bays

NATIONAL ESTUARY PARTNERSHIP

## Forum to Investigate and Respond to Hypoxia in Cape Cod Bay

October 29<sup>th</sup>, 2021  
2:00 pm - 5:00 pm

Register at <https://forms.gle/dEzhZJ1oLtkmtRk6> to receive a link to the webinar

---

### AGENDA

- 2:00 Welcome, Introductions**  
Pam DiBona, MassBays Director
- 2:10 Introduction and Context for the Forum**  
Judy Pederson, MIT Sea Grant; Chair, MWRA Outfall Monitoring Science Advisory Panel (
- 2:15 Observed Hypoxia Events in Cape Cod Bay**  
Tracy Pugh, MA Division of Marine Fisheries
- 2:30 Physical (Oceanographic) and Water Quality Conditions in Cape Cod Bay**  
Malcolm Scully, Woods Hole Oceanographic Institution (WHOI)  
W. Rockwell Geyer, WHOI  
Amy Costa, Center for Coastal Studies
- 3:00 Possible Contributing Factors**  
***MWRA Effluent/Nitrogen and Cape Cod Bay***  
Dan Codiga, Massachusetts Water Resources Authority
- Groundwater-Nearshore Nitrogen Transport***  
Jeffrey Barbaro, U.S. Geological Survey
- Karenia mikimotoi and Harmful Algal Blooms***  
David Borkman, Rhode Island Department of Environmental Management,  
University of Rhode Island
- 3:30 Break**
- 3:40 Case Study: Responding to Hypoxia in Long Island Sound**  
Mark Tedesco, EPA Region 2, Long Island Sound Study National Estuary Program

**3:55 Panel Discussion**

Considering the following questions:

- *Do we have the data and tools needed to identify the most likely cause(s) of the observed hypoxia events in Cape Cod Bay?*
- *What should be our next steps to address the issue, including monitoring, research, and management actions?*

**Panelists**

*The panel discussion will include the speakers, as well as:*

Beth Casoni, Massachusetts Lobstermen Fishermen's Association

Lealdon Langley, Massachusetts Department of Environmental Protection (MassDEP)

Ken Moraff, U.S. Environmental Protection Agency

Joyce Novak, Peconic Estuary Partnership

Cathy Vakalopoulos, MassDEP

Jos Van Gils, Deltares

Lauriane Vilmin, Deltares

**4:35 Attendee questions and comments**

**4:55 Wrap-up**

**5pm Adjourn**