

# Massachusetts River Herring Network Annual Meeting

Tuesday November 12, 2024 9:00AM-3:30PM  
Tufts Library 46 Broad St.  
Weymouth, MA 02188

9:00AM Coffee and Breakfast Snacks

9:30AM Welcome River Herring Network Members and Attendees

9:40AM **Orientation to Weymouth waterways and diadromous fish populations**  
*Phil Lofgren & George Loring, Weymouth Herring Wardens*

10:00AM **Assessing river herring habitat after aquatic herbicide application**,  
*Caroline Reusch, Graduate Student at Bridgewater State University*

**10:20AM** 15 minute Coffee & Stretch Break

10:35 AM Announcements

10:50AM **Updates from the MA Division of Marine Fisheries Diadromous Project**  
*Brad Chase, Senior Fisheries Biologist, Massachusetts Division of Marine Fisheries*

**11:45** Pizza Lunch Break 45 Minutes

12:30 **HydroAI: Innovasea's Real-time, AI-powered fish counting technology**  
*Peter MacLeod – Innovasea Fish Tracking*

12:50 PM **Counting River Herring using underwater videos and AI**  
*Zhongqi Chen, Research Scientist, Woodwell Climate Research Center*

1:10 **Update on Amendment 10 to the Atlantic Herring Fishery Management Plan**  
*Jamie Cournane, Fishery Analyst for Atlantic Herring New England Fishery Management Council*

1:40 Closing Remarks & Orientation to Field Trips

2:15 PM **Guided Field Trip to the Back River, or, Self Guided Field Trip to Smelt Brook**

Meeting sponsored by the MA Division of Marine Fisheries, Barnstable County Cape Cod Cooperative Extension, Woods Hole Oceanographic Institution Sea Grant, and the Town of Weymouth Herring Wardens



## Activities & Goals of the River Herring Network

1. Facilitate communication among herring wardens, herring count volunteers, watershed organizations, and state and federal agencies.
2. Provide forums to hear and discuss management issues, research updates, and local projects from relevant local, state, and federal agencies and organizations.
3. Gather useful information from academic institutions, state and federal agencies, and non-profit groups, and distribute it to wardens and volunteers

The ultimate goal is to do work that will increase the numbers of alewife and blueback herring in the waters of Massachusetts.

## River Herring Network Steering Committee Members

Tom Barron	Middleborough-Lakeville Herring Fishery Commission
Bill Boulter	Pembroke Herring Fisheries Superintendent
David Cavanaugh	Middleborough-Lakeville Herring Fishery Commission
Alison Field-Juma	OARS for the Assabet, Sudbury, & Concord Rivers
Jon Honea	Andover Conservation Commission
David Gould	Town of Plymouth, Department of Marine & Environmental Affairs
Alex Mansfield	North & South Rivers Watershed Association & Mass Bays Program
Eric Hutchins	NOAA Habitat Restoration Center
Phil Lofgren	Weymouth Herring Warden
Chris Nappi	Town of Barnstable
Judy Scanlon	Orleans Volunteer Herring Count Program, Technical Coordinator
John Sheppard	Division of Marine Fisheries