



Chesapeake
OYSTER ALLIANCE
10 Billion for the Bay

2023 Chesapeake Oyster Science Symposium

Thursday, October 26, 2023 | 10:30 a.m. – 4:00 p.m. ET

Broadcast Live on Zoom from *Hyatt Regency Chesapeake*, Cambridge, MD

10:30 am **Join Zoom and Convene the Audience**

10:45am-11:00am **Welcome**

Tanner Council, Chesapeake Oyster Alliance/Chesapeake Bay Foundation

11:00am-12:00pm **Gaining Ground: Increasing Returns in Restoration and Aquaculture**

Moderator - Matt Pluta, ShoreRivers

Dispatches from an Independent Hatchery – Mike Congrove, Oyster Seed Holdings

Nutrient Credit Opportunities for Chesapeake Bay Oyster Production – Olivia Caretti, Oyster Recovery Partnership

Acoustic Signatures of Healthy Reefs – Allison Colden, Chesapeake Bay Foundation

12:00pm-12:30pm **Break/Lunch**

12:30pm-1:00pm **Lightning Round: Rapid-fire Presentations by Emerging Scientists**

Moderator - Alexis Stelfox, Chesapeake Oyster Alliance

Oyster Reef Development on Oyster Based Structures - Sierra Hildebrant, Old Dominion University

Enhancing Off-Bottom Oyster Aquaculture Efficiency through Farm Management and Inventory Practices - Matthew LaGanke, Virginia Institute of Marine Science

Subtidal Oyster Reef Monitoring Using New GoPro Rig Technology - Charlye Levine, Chesapeake Bay Foundation

Modeling Impacts of Habitat Change on Commercial Fisheries in Virginia's Middle Peninsula - Muhammad Sulymman, Morgan State University Patuxent Environmental and Aquatic Research Laboratory (PEARL)

Drone Imagery, Sonar and the Impact of Oyster Harvesting - Alan Williams, UMD Center For Environmental Science, Horn Point Lab

1:00pm-1:50pm

Understanding Our Impact: New Developments in Monitoring

Moderator - Ben Fertig, Severn River Association

Remote Water Quality Monitoring Buoys – Emma Green, St. Mary's Watershed Association

Assessing Oyster Restoration Opportunities with Remote Sensing – Leonard Nelson, Natrx

Assessment Of Hatchery Success and Crashes – Matt Gray, Horn Point Laboratory

2:00pm-2:50pm

Briny New World: Incredible Advances in Oyster Tech

Moderator - Scott Budden, Orchard Point Oysters

Solar Oysters: Harnessing the Sun for Aquaculture – Steve Pattison, Solar Oysters

Exploring Direct Setting of Oyster Larvae as a Tool to Seed Restoration and Harvest Reefs – Stephanie Westby, National Oceanic and Atmospheric Association (NOAA)

S3AM Robotic Technology Development – Don Webster, University of Maryland

3:00pm-4:00pm

Beyond the Horizon: Forecasts Across Our Oyster Sectors

Moderator – Tanner Council, Chesapeake Oyster Alliance/CBF

Perspective: Local Restoration – Ben Ford, ShoreRivers

Perspective: Regional Restoration – Chris Moore, Chesapeake Bay Foundation

Perspective: Independent Oyster Grower – James Tweed, Hollywood Oyster Company

Perspective: Private Sector – Jordan Shockley, Blue Oyster Environmental

Perspective: Regional Aquaculture – Bill Walton, Virginia Institute of Marine Science

4:00pm

Closing Remarks

Tanner Council, COA/CBF

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