

Sustainable Fisheries Goal Implementation Team

Winter 2019 - 2020 Biannual Meeting

January 7 - 8, 2020

Virginia Institute of Marine Science
1370 Greate Road, Gloucester Point, VA 23062

Conference Line: +1 (929) 205-6099

Conference Code: 499-025-166

Webinar: <https://zoom.us/j/499025166>

Meeting Materials:

https://www.chesapeakebay.net/what/event/winter_2019_2020_sustainable_fisheries_git_bia_nual_meeting



Chesapeake Bay Program
Science. Restoration. Partnership.

The Sustainable Fisheries Goal Implementation Team (Fisheries GIT) continues to provide a forum for connecting science and policy across jurisdictions and the Chesapeake Bay ecosystem. The team meets biannually with full membership to discuss progress towards Chesapeake Watershed Agreement outcomes.

Tuesday, January 7, 2020

9:00 am Coffee available

9:30 am Welcome and Introductions – *Sean Corson, Fisheries GIT Chair (NOAA)*

9:45 am Welcome to the Virginia Institute of Marine Science – *TBD*

Restoration Progress for Oysters

10:00 am Oyster Restoration Status in the Chesapeake Bay – *Stephanie Westby (NOAA) and Kimberly Koelsch (US Army Corps of Engineers)*

11:15 am How does your oyster glow? Developing a novel oyster marking tool and results from a related direct setting experiment – *Jason Spires (NOAA) and Stephanie Westby (NOAA)*

11:45 am Eastern Branch Elizabeth River restoration – *Andrew Button (VMRC)*

12:00 pm LUNCH

Oyster Reef Ecosystem Services (ORES) Research

12:50 pm Introduction to ORES – *David Bruce (NOAA)*

1:00 pm	NCBO fish utilization in Harris Creek and Little Choptank – <i>David Bruce (NOAA)</i>
1:15 pm	Pathways to Production: An Assessment of Fishery Responses to Oyster Reef Restoration and the Trophic Pathways that Link the Resource to the Reef – <i>Stephen McIninch (VCU)</i>
1:30 pm	Macrofauna Utilization of Restored Oyster Reefs – <i>Lisa Kellogg (VIMS)</i>
1:45 pm	Fish and Crustacean Utilization, Secondary Production, and Trophic Linkages – <i>Lisa Kellogg (VIMS)</i>
2:00 pm	Natural Engineers in Ecosystem Restoration: Modeling Oyster Reef Impacts on Particle Removal and Nutrient Cycling – <i>Lora Harris (UMCES) and Jeremy Testa (UMCES)</i>
2:15 pm	Ecosystem Services of Restored Oyster Reefs in the Lower Chesapeake Bay: Macrofauna enhancement and fish foraging – <i>Rochelle Seitz (VIMS)</i>
2:30 pm	Application of Dual-frequency Imaging Sonar and Underwater Video to the Study of Oyster Reef Ecosystem Services – <i>Matt Ogburn (SERC)</i>
2:45 pm	Wrap Up ORES
2:50 pm	BREAK
3:00 pm	Member Updates
4:30 pm	Adjourn Day 1
5:00 pm	DINNER at Riverwalk Restaurant in Yorktown, VA

Wednesday, January 8, 2020

9:00 am	Coffee available
9:20 am	Day 2 Introductions

Oysters and Water Quality

- 9:30 am Microplastics in the Chesapeake Bay: Implications for Oysters – *Bob Murphy (Tetra Tech)*
- 9:50 am Using Satellite Data to Evaluate the Impacts of Oyster Restoration – *Jay Lazar (NOAA)*
- 10:10 am Oyster Restoration Best Management Practices (BMP) Expert Panel Recommendations – *Ward Slacum (ORP) and Jeff Cornwell (UMCES)*
- 11:00 am BREAK

Oysters Role in Nearshore Habitats

- 11:10 am Nearshore Habitat Restoration in the Middle Peninsula, Virginia – *Andrew Larkin (NOAA)*
- 11:30 am Living Shoreline Design Project at Penniman Spit – *Rom Lipcius (VIMS)*
- 12:00 pm LUNCH

Ecosystem Change in the Chesapeake: Implications for Oysters

- 12:50 pm Climate Projections for the Chesapeake Bay – *Julie Reichert-Nguyen (NOAA)*
- 1:00 pm Disease and environmental influences on oyster health and production, and their relevance for oyster fisheries, aquaculture and restoration – *Ryan Carnegie (VIMS)*
- 1:30 pm Impacts of 2018-2019 Low Salinity for Oysters – *Andrew Button (VMRC), Lynn Fegley (MD DNR), and Stephanie Tobash Alexander (UMCES)*
- 2:30 pm Can seagrass meadows mitigate ocean acidification thresholds for Eastern oysters in the Chesapeake Bay? – *Mark Brush (VIMS), Emily Rivest (VIMS), Richard Zimmerman (ODU), Victoria Hill (ODU)*
- 3:00 pm Conclusions and Review Meeting Actions
- 3:30 pm Adjourn Day 2