

SCIENTIFIC & TECHNICAL ADVISORY COMMITTEE

Meeting Agenda



DATE & TIME: October 12, 2022 -- 9:00 a.m. to 12:00 p.m.

HYBRID MEETING: In-person: DNREC Lewes Field Office, 901 Pilottown Rd, Lewes, DE 19958

OR

Zoom: <https://udel.zoom.us/j/99463569403>; Passcode = science

Phone: 1-646-876-9923; Meeting ID: 99463569403

AGENDA ITEMS

Call to order, Welcome, Introductions - *Jenn Volk, Chair*

Announcements - Meghan Noe Fellows, CIB

Center Staffing Updates

Old Business

New Business

Developing Oyster Nutrient Trading in Maryland: Will it ever payoff?, *Dr. Matt Parker, University of Maryland Extension*

This presentation will show the process used to develop a BMP for oyster aquaculture ecosystem services and give an update to what is currently happening with payments to farmers.

Water Quality Trends on the Eastern Shore, *Alex Soroka, USGS*

Alex will share analyses and results of monitoring efforts in the Chesapeake Bay portion of the Delmarva at USGS load and trend stations.

Results and Discussion of the Continuous Water Quality Monitoring Network in the Delaware Inland Bays, *Andrew McGowan, CIB, and Scott Andres, UD Project WiCCED*

The Center for the Inland Bays, in partnership with Project WiCCED, has been continuously monitoring water quality at numerous tributary and open bay water sites. Dissolved Oxygen results from 2021 and the summer of 2022 will be presented. Additionally, the Center hopes to expand the network in FY23, and seeks input on future locations that are beneficial to the STAC.

Water Quality Modeling: Lessons, Success, and New Development - *Dr. Yun Li, UD*

In this talk, Li (Assistant Professor, UD, School of Marine Science and Policy) will review the water quality modeling in the Chesapeake Bay and other river tributaries, showcase the model applications for the assessment of water quality and ecosystem, and discuss the recent developments in modeling tool by her lab at UD.

Open

Adjourn

Next Meeting: TBA, quick day of week poll