

**SCIENTIFIC & TECHNICAL
ADVISORY COMMITTEE**

Meeting Agenda



DELAWARE CENTER FOR THE
INLAND BAYS
Research. Educate. Restore.

DATE & TIME: July 24, 2020 -- 9:00 a.m. to 12:00 p.m.

LOCATION: Zoom: <https://udel.zoom.us/j/98582802136>

Phone: 1-646-876-9923; Meeting ID: 985 8280 2136

Meeting called by: Jennifer Volk, Chair

AGENDA ITEMS

Call to order, Welcome, New Members, Introductions

Announcements

Happy Retirement Bill Ullman!

Old Business

Modeling Request for Information Responses *Jenn Volk, UD*

State of the Bays Update..... *Marianne Walch, CIB*

New Business

USACE ERDC Guidance on Thin Layer Placement of Dredged Materials to Restore Wetlands.....*Dr. Ram Mohan, Adjunct Professor of Coastal Engineering, Texas A&M University*

Dr. Mohan will discuss the pending national guidance document being developed collaboratively between the U.S. Army Engineer Research and Development Center and Texas A&M University, as part of the Corps "Engineering with Nature" (EWN) program. EWN seeks to promote uses of natural and nature-based features to provide coastal resiliency. The guidance document covers field investigations, planning tools, design considerations and implementation aspects, including lessons learned from past projects, as well as best management practices.

DNREC's Beneficial Use Wetland Improvement Projects..... *Alison Rogerson, DNREC*

Alison will review one past thin layer application project in the Inland Bays that DNREC led to successfully boost a tidal wetland for future resiliency. She will also review an upcoming thick layer restoration project to recreate a former tidal wetland in the Inland Bays.

Update of Long Term Salt Marsh Monitoring.....*Andrew McGowan, CIB*

Andrew will share findings on marsh elevation and accretion change rates in comparison to sea level rise rates at three representative Inland Bays marshes.

Environmental Monitoring Plan Update *Marianne Walch, CIB*

The STAC will revisit the EMP every two years, consistent with updating the State of Delaware Integrated 303d/305b report. We will review the inventory of current monitoring programs, new programs, and changes to programs and progress on the recommendations contained within the plan.

Open

Adjourn

NEXT MEETING – OCTOBER 16, 2020