

SCIENTIFIC & TECHNICAL ADVISORY COMMITTEE

Meeting Agenda

DRAFT



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

DATE & TIME: November 1, 2019 -- 9:00 a.m. to 12:00 p.m.

LOCATION: DNREC Lewes Field Facility, end of Pilottown Road, Lewes

Meeting called by: Jennifer Volk, Interim Chair

AGENDA ITEMS

Call to order, Welcome, Introductions

Announcements

BioMonitoring 2.0 - The power and promise of environmental DNA (eDNA) sampling for fish conservation..... *Louis Plough, UMCES*

Dr. Plough will discuss use of genetic and genomic tools, such as eDNA, to sample aquatic environments, including recent methodological progress and ongoing technical challenges, and describe two projects where he has used eDNA successfully to monitor fishes in the Chesapeake Bay.

DelRAP and the Coastal Observer App..... *Tina Callahan, Univ. of DE*

Delaware Sea Grant, the Sustainable Coastal Communities Initiative (SCCI), and others at the University of Delaware have created the Delaware Resilience Awareness Program (DelRAP) to engage the public in documenting and helping others learn about the ways intensifying storms and flooding affect Delawareans. Goals include raising awareness of statewide problems with sea-level rise and intensifying storms through digital storytelling, and creating a platform and process for concerned citizens to provide geo-tagged photographic evidence of sea-level rise and intensifying storm impacts within their communities.

Progress Report on CCMP Update*Michelle Schmidt, CIB*

Update on Inland Bays Modeling Effort*Scott Andres & Jenn Volk*

Planning for 2021 State of the Bays Report*Marianne Walch, CIB*

Adjourn

Upcoming 2019 STAC MEETING DATES: November 1