



SCIENTIFIC & TECHNICAL ADVISORY COMMITTEE

Meeting Agenda

DATE & TIME: *January 15, 2021 -- 9:00 a.m. to 12:00 p.m.*

LOCATION: Zoom: <https://udel.zoom.us/j/96604761476> Passcode: science

Phone: 1-646-876-9923; Meeting ID: 966 0476 1476

AGENDA ITEMS

Call to order, Welcome, New Members, Introductions - Jenn Volk, Chair

Announcements

Old Business

Funding Strategy Update - Jenn Volk, Chair

Review Updates to the Environmental Monitoring Plan – Dr. Marianne Walch, CIB

Initiative Outline for the Evaluation of the Effects of Dredging Activities on Water Quality within the Delaware Inland Bays - Doug Janiec, Vice-Chair

New Business

Resilience of coastal ecosystems, a tale of organisms and sediment – Dr. Christian Schwarz, UD

Christian Schwarz is an Assistant Professor at the University of Delaware's School of Marine Science and Policy with expertise in coastal ecology and geomorphology. He will present a brief overview of the work being performed in the Schwarz Coastal Ecology and Bio-morphodynamics Group (CEBG) including: 1) results from a recent projects examining "Coastal development in response the changes in environmental and biotic factors", and 2) ongoing work, "Evaluating the mechanisms causing interior wetland loss in coastal Delaware."

Forage fish analyses - Andrew McGowan

Andrew will present findings from a long-term shorezone fish survey conducted in the bays since 2011. The talk will focus on the population dynamics of four common but understudied forage fish species; Atlantic Silversides, Mummichog, Sheepshead Minnow, and Striped Killifish.

State of the Bays Indicator Review - Dr. Marianne Walch, CIB

Open

Adjourn

Next Meeting: April 23, 2021; 9:00 a.m. to 12:00 p.m.