

SCIENTIFIC & TECHNICAL ADVISORY COMMITTEE

Meeting Agenda



DATE & TIME: *April 23, 2021 -- 9:00 a.m. to 12:00 p.m.*

VIRTUAL MEETING: Zoom: <https://udel.zoom.us/j/92329988767> 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

State of the Bays Indicator Reviewers and Schedule – Dr. Marianne Walch

New Business

Investigating the Impacts of Global Environmental Changes on Legacy & Emerging Contaminants –*Mi-Ling Li, Univ. of DE*

Dr. Li studies global and local environmental issues related to ecosystem and public health, using a variety of tools including isotope geochemistry, quantitative modeling, and field observation. Her current research on per- and polyfluoroalkyl substances (PFAS) contamination in Delaware bays will be highlighted, as well as her investigations on the source, transport, and fate of legacy heavy metals (e.g., mercury and lead) in various ecosystems.

Wastewater Planning – *Michelle Schmidt and Marianne Walch, CIB*

STAC input and discussion will be sought on tracking of wastewater loads and development of a watershed nutrient budget for wastewater. Both are actions in the revised CCMP for which STAC is a lead.

Continuous Water Quality Monitoring Network for the Inland Bays –*Marianne Walch and Andrew McGowan, CIB*

Development of a continuous water quality monitoring network, with a focus on tributaries, is a high-priority recommendation of the Inland Bays Environmental Monitoring Plan. Progress has been made, with stations currently established in the Indian River and Pepper Creek. Additional stations will be installed in 2021. Analyses of high-frequency water quality data collected by the CIB from the upper Indian River will be discussed, and STAC input is sought on future directions and funding for an expanded network.

Open

Adjourn

Next Meeting: July 30, 2021; 9:00 a.m. to 12:00 p.m.