DATE & TIME: December 1, 2017 -- 9:00 a.m. to noon.
LOCATION: DNREC Lewes Field Facility, end of Pilottown Road, Lewes

Meeting called by: Scott Andres, Chair

MEETING AGENDA

Call to order, STAC announcements .................................................................Scott Andres

CIB announcements .........................................................................................Marianne Walch

Developing Evidence-Based Educational Programs to Improve
Homeowner Behavior to Protect the Inland Bays .........................Kent Messer, Univ. of DE

Environmental problems are generally problems with human behavior. Therefore, solutions will
inevitably involve changes to human behavior. This presentation highlights recent research at UD that
illustrates how experimental design and behavioral economics can be used to develop an evidence-
base to guide effective educational programs to improve water quality in the Inland Bays.

Hydroacoustic Survey of Submerged Aquatic Vegetation in the
Delaware Estuary .........................................................Kristin Regan and Kelly Somers, U.S. EPA

Submerged aquatic vegetation (SAV) is an essential habitat for fish and other wildlife. It
provides spawning, nursery, and protective habitat to ecologically important species. SAV is
known to remove nutrients from the water column and increase dissolved oxygen
concentrations. It also provides sediment stability and wave attenuation, aiding in both
decreased erosion and turbidity. Despite these ecologically important attributes, the extent
of SAV in the Delaware Estuary has not been quantified. In the summer of 2017, researchers
from EPA began a multi-year survey to observe and quantify SAV in the Delaware Estuary.
Hydroacoustic monitoring was used to determine the presence and extent of SAV in the
system, species composition, density, and how these factors relate to water quality and
sediment characteristics. Preliminary results will be discussed as well as the next steps for
this survey.

New Business

STAC Leadership
STAC Membership Updates
CCMP/Monitoring Subcommittee Formation

Adjourn

Next Meeting: March 2018 (Date TBD)