

# SCIENCE & TECHNICAL ADVISORY COMMITTEE



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

DATE & TIME: September 8, 2017 -- 9:00 a.m. to noon.

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

*Meeting called by: Scott Andres, Chair*

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## MEETING AGENDA

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

CIB announcements ..... *Marianne Walch*

Application of Biochar to Soils and Bioretention Media to Reduce  
Stormwater Volume and Nutrient Concentrations..... *Paul Imhoff, Univ. of DE*

Over the past five years we have applied biochar to soils and bioretention media, employing both laboratory and field experiments. Results from these tests will be summarized, along with important lessons learned and potential cost savings from biochar amendment.

The Effects of Irrigation on Nitrate Transport to  
Groundwater, Delmarva Peninsula ..... *Judy Denver, USGS*

The results of two studies comparing the effects of irrigated versus dryland farming on nitrate transport to shallow groundwater in different Coastal Plain settings will be presented.

BREAK

Long-term Saltmarsh Monitoring in the Inland Bays ..... *Andrew McGowan, CIB*

Results from first report on results of the CIB's elevation and water level monitoring at Angola Neck, Piney Point, and Slough's Gut.

Remarks from Vice Chair Robin Tyler, retiring from DNREC

New Business

Adjourn

*Next Meeting: December 1, 2017*