A network of coastal wetland stations has been established in the Mid-Atlantic region for long-term monitoring. Sites occur along gradients from tidal freshwater to saline and in diverse geomorphic settings, from estuarine fringe to barrier island marshes. The purpose was to establish a baseline understanding of spatial and temporal variation of wetland structure and function using a multi-parameter, integrated approach. Measurements include marsh elevation and vegetation surveys, plant biomass, elevation change and surface accretion rates, water quality, and soil quality. This approach will allow us to evaluate the trajectory and sustainability of these wetland systems under changing conditions of climate, relative sea level, and nutrient and sediment loads. These data are beginning to provide insights on physical, chemical, and biological components that can affect wetland survival. There is potential for utilizing wetland sites within this network as reference sites for comparison with restoration projects.

**INTENSIVE LONG-TERM MONITORING IN TIDAL WETLANDS OF DELAWARE AND BARNEGAT BAYS**

Kirk Raper¹, Tracy Elsey-Quirk¹,⁴, David Velinsky¹, Danielle Kreeger², Angela Padeletti², and Martha Maxwell-Doyle³

¹Patrick Center for Environmental Research, The Academy of Natural Sciences of Drexel University, 1900 Benjamin Franklin Parkway, Philadelphia, PA 19103
²Partnership for the Delaware Estuary, 110 South Poplar Street, Suite 202, Wilmington, DE 19801
³Barnegat Bay Partnership, Ocean County College, College Drive, Toms River, NJ 08754
⁴Current: Ocean and Coastal Sci, Louisiana State University, Baton Rouge, LA

**Symbols with an (*) have a significant rate of elevation change or accretion. Rates of accretion and elevation change are averaged over a few years. Rates of Sea Level Rise are averaged over ~100 years (NOAA).**

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