



NExUS Ongoing Projects and Activities Thu Nov 23 09:50:04 EST 2017

Name	Delaware Sediment Elevation Tables
Description	<p>From the Delaware SLR Compendium 2011: Sediment elevation tables (SETs) provide a nondestructive method for making highly accurate and precise measurements of sediment elevation in intertidal and sub-tidal wetlands over long periods of time, relative to a fixed subsurface datum. Data collected using SETs can be used to determine both the influence of a single meteorological event on sediment surface elevation and a long-term trend in elevation change. This information will help increase our understanding of sedimentation rates in different marshes, sea level rise effects in these marshes, and potential management techniques. This study will result in a written report that includes a summary of results, discussion of data analysis and statistical procedures. Results can then be used to determine both the influence of a single meteorological event on sediment surface elevation and a long-term trend (i.e. decades) in elevation change, as well as make predictions for future elevation changes in our local marshes.</p>
Category	- Monitoring
Sector	- Natural Ecosystems
Focus Area	- Coasts and Climate Resilience (including sea-level rise)
Region	- Regional Or State -- Mid-Atlantic
Status	- Ongoing
Lead Agencies	DNREC Delaware Coastal Programs, DNREC Watershed Assessment, US Fish and Wildlife Service (Coastal Delaware Refuge Complex), Center for the Inland Bays