

Day 1 — February 6, 2024

8:15	Registration (Lobby) and Refreshments (Governor's Hall)		
9:15	Opening Remarks and Welcome—DNREC Secretary Shawn M. Garvin — Riverfront Ballroom		
9:45	Plenary Talk: Michael Trumbauer, Biohabitats, Inc. — Riverfront Ballroom		
Room:	Dravo Auditorium	Christina Ballroom	Pusey and Jones Room
Title:	Wildlife	CBR4	Implementation Tools and BMP's
10:20	Restoration Impacts on Flora and Fauna Abundance and Diversity <i>Andrew MacKenzie, West Virginia University</i>	CBR4 Sediment Remediation FFS Program Update <i>Travis Merritts, Anchor QEA</i>	Wetland Reserve Easement Program <i>Elena Stewart; USDA – Natural Resources Conservation Service</i>
10:45	Beach Habitat Management for Vegetation Control to Benefit Breeding Piping Plovers and Least Terns <i>Erin Betancourt, USFWS Coastal Delaware NWR Complex</i>	The CBR4 Strategy for Riparian Habitat Restoration <i>Matt Sarver, Sarver Ecological, LLC</i>	Coastal Restoration from an Ecosystem Perspective – Joint Agency Guidance <i>Bartholomew Wilson, USFWS Northeast Region</i>
11:10	Monitoring Secretive Marsh Bird Occupancy and Demography in Priority Salt Marshes in Delaware <i>Erin Rogers, DNREC Division of Fish and Wildlife</i>	The CBR4 Strategy for Urban Freshwater Tidal Habitat Restoration <i>Ella Rothermel, Partnership for the Delaware Estuary</i>	Integrating Pollinator Habitat into Wetlands, Floodplains, SWM Ponds, and Demonstration Gardens: Test Cases and the Future of Habitat Projects <i>Emily Dolbin, McCormick Taylor Angela Schreffler, McCormick Taylor</i>
11:35	Population Characteristics Assessment on Blue Crabs (<i>Callinectes sapidus</i>) and Virus Identification of <i>Callinectes sapidus</i> Reovirus 1 (CsRV1) using PCR Analysis on Delaware Inland Bays <i>Juan Ramos, Delaware State University</i>	Resiliency Considerations for the Christina River <i>Jordana Cutajar, DNREC Division of Climate, Coastal, and Energy</i>	Advancements Toward the Chesapeake Bay Program Wetlands Outcome <i>Pamela Mason, Virginia Institute of Marine Science</i>
12:00	Lunch (Riverfront Ballroom), Poster Viewing (Lobby), and Networking (Governors' Hall)		
12:30	American Shore and Beach Preservation Association, Mid-Atlantic Chapter Meeting (ASBPA) — Christina Ballroom		
Title:	Coastal Resiliency	Non-Tidal Restoration	Soils
1:30	Development of an Acoustic Monitoring Framework for Salt Marsh Restoration Decision-Making <i>Kelly Faller, Partnership for the Delaware Estuary</i>	Hydric in a Haystack: Restoring Wetland Hydrology to a Historical Seasonal Pond Complex <i>Brigham Whitman, Delaware Wild Lands Matt Sarver, Sarver Ecological, LLC</i>	Impacts of Biochar on Phosphorus Distributions in Salt Marsh Surface Soils <i>Pamela Edris, University of Delaware</i>
1:55	Programmatic Approach to Assessing Salt Marsh for “Low-Tech” Restoration in Delaware and New Jersey <i>Brian Marsh, USFWS</i>		Impact of Milldams on the Partitioning Between Denitrification and DNRA in Persistently Anoxic Riparian Soils <i>Md Moklesur Rahman, University of Delaware</i>
2:20	Vanishing Act: The Disappearance of Delaware's Rare Sea Level Fen Due to Sea Level Rise <i>Melanie Cucunato, DNREC Division of Parks and Recreation</i>	Restoration of Lizardhill Sandmine Using Sand Seepage Wetlands <i>Joe Berg, Biohabitats, Inc.</i>	Memories of a Salt Marsh: Assessment of Floodplain Restorations and Nitrogen Removal Effectiveness <i>Joseph George Galella, University of Delaware</i>
2:45	Break and Refreshments — Governors' Hall		
3:00	Understanding the Fate of Jug Bay Tidal Freshwater Wetlands Under Current Relative Sea Level Rise Conditions <i>Patricia Delgado, Jug Bay Wetlands Sanctuary</i>	Back From the Past? Biogeochemical Recovery of Precolonial Wetland Soils in Modern Floodplain Restorations <i>Shreeram Inamdar, University of Delaware</i>	Catching Rain Where it Falls — Climate Resiliency and Adaptation by Rebuilding Degraded Urban Soils <i>Chuck Hegberg, RES, LLC</i>
3:25	Developing a Tidal Wetlands Strategic Plan for the Chesapeake Bay Watershed <i>Sarah Koser, The Chesapeake Bay Trust</i>	Converting a Pond into a Wetland Mosaic Within Public Park <i>Emily Bjorhus, Princeton Hydro, LLC</i>	Blue Carbon and the NRCS Coastal Zone Soil Survey <i>David Steinmann, USDA – Natural Resources Conservation Service</i>
4:15	Eat, Drink, and Connect in Governors' Hall: 4:15 — 6:00PM		

Day 2 — February 7, 2024

8:15	Registration (Lobby) and Refreshments (Governor's Hall)		
9:15	Opening Remarks and Student Poster Awards — Alison Rogerson, DNREC — Riverfront Ballroom		
9:30	Plenary Talk: Josh Murphy, NOAA's Office of Coastal Management — Riverfront Ballroom		
Room:	Dravo Auditorium	Christina Ballroom	Pusey and Jones Room
Title:	Nature-Based Solutions	Beneficial Use	Streams
10:20	Living Shorelines in the Region – A 5-year Review <i>Doug Janiec, Sovereign Consulting</i>	Scotch Bonnet Island Marsh Elevation Enhancement Project: Beneficially Using Dredged Sediments to Stabilize Drowning Marshes <i>Lenore Tedesco, The Wetlands Institute</i>	Cypress Branch Dam Removal <i>Duncan Simpson, Princeton Hydro, LLC</i>
10:45	Angola by the Bay Living Shoreline <i>Bob Collins, Delaware Center for the Inland Bays</i>	Delaware Regional Assessment of Dredging and Beneficial Use of Dredged Material <i>Mindy Strevig, Anchor QEA, LLC</i>	Bensalem Township High School Wetland/Stream Mitigation Project <i>Kristin Aiosa, JMT, Inc. Andrew Donaldson, JMT, Inc.</i>
11:10	Sediment-vegetation Interactions in the Created Marshes of Living Shorelines: Does Age Matter? <i>Cindy Palinkas, University of Maryland Center for Environmental Science Horn Point Lab</i>	Restoration of a Tidal Wetlands Using Dredge Material; Millsboro, Delaware <i>Ram Mohan, Anchor QEA, LLC</i>	Uncovering the History of DC's Buried Streams and Wetlands <i>Larry Trout, Jr. Straughan Environmental, Inc.</i>
11:35	Third River Urban Park and Habitat Creation Project – Brownfield Turned Wetland Sanctuary <i>Ivy Babson, Princeton Hydro, LLC</i>	Wetland Restoration Case Study: White Creek and Assawoman Canal Dredging and Beneficial Use Project <i>Jonathan Hart, Anchor QEA, LLC</i>	Where Does the Wetland End and the Stream Begin? <i>Jeremy Koser, JMT, Inc. Mike Galvin, JMT, Inc.</i>
12:00	Lunch (Riverfront Ballroom), Poster Viewing (Lobby), and Networking (Governors' Hall)		
12:30	Society of Wetland Scientists, Mid-Atlantic Chapter Meeting (SWS) — Christina Ballroom		
Title:	Monitoring and Assessment	Tidal Restoration	Technology and Education
1:30	Ethics in the Field: Research Impacts on Environmental Processes and Proposed Best Practices <i>Shelby Rinehart, Drexel University</i>	Southbridge Wilmington Park — The Good, The Bad, The Biodiversity <i>Natalie Byers, RK&K</i>	Educational Freshwater Wetland Pond: Transforming Public School Land Use <i>Todd Klawinski, Caesar Rodney School District</i>
1:55	Megapools: Vegetation Dieback and Restoration Potential of a Ditched Coastal Salt Marsh <i>Katherine Stahl, USFWS/University of Maryland</i>	Topgolf and Ridgeley's Cove: Tidal Wetland Creation in Baltimore City <i>Matt Jennette, Geo-Technology Associates, Inc.</i>	Reducing Vertical Bias in Delaware Coastal Wetland DEMs with Machine Learning <i>Daniel Warner, Delaware Geological Survey</i>
2:20	Revisiting Successful Wetland Mitigation Projects — Is Five Years of Monitoring Sufficient? <i>Michael Rehman, Princeton Hydro, LLC</i>	Coastal Restoration Toolkit — An Online Resource to Launch a Restoration Project in Your Community <i>Elsa Schwartz, Restore America's Estuaries</i>	Investigating the Use of Multispectral Drones for Identifying Salt Marsh Conditions <i>Joshua Moody, NJDEP</i>
2:45	Break and Refreshments — Governors' Hall		
3:00	Long-Term Monitoring of Peatlands in Pennsylvania <i>Mary Ann Furedi, Western Pennsylvania Conservancy/ Pennsylvania Natural Heritage Program</i>	Utilizing Nature-Based Solutions (NBS) to Restore Tidal Habitat and Reduce Flooding at John Heinz NWR <i>Bartholomew Wilson, USFWS Northeast Region</i>	Improving the Surface Water Quality of Coastal Basins with Resilient Land Cover Scenarios <i>Martha Ryan, University of Delaware</i>
3:25	Rapid Response of Understory Plants to Ash Canopy Loss From Emerald Ash Borer in Tidal Freshwater Forested Wetlands <i>Andy Baldwin, University of Maryland</i>	Innovative Approaches to Habitat Enhancement Within a Wetland Restoration Project <i>Kristen Coveleski, Inter-Fluve</i>	Submerged Aquatic Vegetation in Delaware's Inland Bays <i>Taylor Hoffman, Delaware Center for the Inland Bays</i>