

Track 1				Track 2				Track 3				
Tuesday Feb 11th, 2025 - Day 1												
9:00	Opening remarks											
9:30	Keynote 1: Tony MacDonald, J.D. Director of the Urban Coast Institute: Change Climate and Environments - A Policy Perspective and Actions We Can Take - Riverfront Ballroom											
10:15	Break											
10:45	Session I Clean Waters - Water Quality #1	WQ1	Improving Dissolved Oxygen in the Delaware River Estuary: Moving from a Pathway to Implementation	Amidon	Session II Monitoring and Assessment #1	MA2	Breakwater Enhancement, Sediment Placement, and Monitoring at Supawna Meadows National Wildlife Refuge	Hanlon	Session III Healthy Habitats - Living Shorelines	MA9	Investigating The Use of Diatoms as Inundation Indicators on Living Shorelines	O'Brien
11:00		WQ2	Understanding Sediment Oxygen Demand in the Delaware River Estuary: Impacts, Insights and Uncertainties	Amato		MA3	Runnel Creation and Monitoring in Low Marsh at Cape May National Wildlife Refuge	Hanlon		LR2	Bringing a Cemetery to Life: Living Shoreline Design for Riverside Memorial Cemetery	Davis
11:15		WQ3	Use of Change Factor Methodology to Estimate Dissolved Oxygen Under Various Loading Conditions	Bransky		MA4	Progress on a Programmatic Approach to Assessing Salt Marsh in Delaware and New Jersey for Utilizing Low-cost Low-disturbance Restoration Methods	Ripple		LR3	Delaware's Living Shoreline Cost Share Program	Clauson
11:30		WQ10	Philadelphia's Tidal Delaware River Receiving Water Models	Althouse						LR5	Thompson Island Living Shoreline Planning and Phase 1 Implementation	Collins
11:45		WQ5	The Role of Nitrification in the Tidal Fresh Delaware Estuary	Kulis		Q&A				MA13	Living Shoreline Feasibility in Delaware County, Pennsylvania	Nemec
12:00	Lunch											
13:30	Session IV Clean Waters - Water Quality #2	WQ4	Delaware Valley Early Warning System: Real-time Decision Support During Major Spill Response	Kulis	Session V Monitoring and Assessment #2	MA11	The Final Piece of the Delaware Wetland Health Assessment Puzzle: Condition of Wetlands in the Pocomoke Watershed	Stouffer	Session VI Healthy Habitats - Sediment Materials Management	SM1	More Mud, More Marshes: Quantifying the Restoration Potential of Using Dredged Material from State-managed Navigation Channels to Benefit Salt Marshes Within New Jersev Back Bays	Zito-Livingston
13:45		WQ6	Enhancing Spill Response through Modeling and Automation	Fogarty		MA6	Surface Current Eddies in Delaware Bay	Roarty		SM2	Maurice River Channel Dredging and Beneficial Use Placement within the State of New Jersey's Heislerville Wildlife Management Area	Harris
14:00		WQ7	Sensitivity of Delaware River Salinity Intrusion to Changes in Freshwater Flow	Hesson		MA7	Water Monitoring and Research in the Delaware River Basin: The Next Generation of USGS Water Science	Pajerowski		SM3	A Comparative Analysis of the Delaware River Bottom Sediments Pre- and Post-Army Corps Main Channel Deepening Project (2013-2020)	Hughes
14:15		WQ8	A Sensitivity Analysis for a 3-Dimensional Model of Salinity Intrusion in the Delaware River Estuary	Artita		MA8	Delaware Bay Habitat Restoration Project Monitoring	Tablante		SM5	Scotch Bonnet Island Marsh Elevation Enhancement Project: Beneficially Using Dredged Sediments to Stabilize Drowning Marshes in New Jersey	Tedesco
14:30		WQ9	Stream Restoration and Pollutant Removal in McIntire Park: Integrating Environmental and Community Goals	Smith		Q&A				SM6	Advancing Beneficial Use of Fine-Grained Dredged Sediment: Marsh Edge Berms Constructed in Seven Mile Island Innovation Laboratory (SMILL), New Jersey	Perkey
14:45	Break											
15:15	Session VII Clean Waters - Toxics & Emerging Contaminants	TC1	PFAS 101 and the impacts to the Delaware Estuary	Colletti	Session VIII Special Session: Monitoring & Assessment - NJTWMN				Session IX Fisheries Management & Living Resources	FM1	Celebrating 75 years of Sport Fish Restoration in the Delaware estuary	Newhard
15:30		TC2	Monitoring PFAS in the Delaware River and Tributaries to Reduce Loading and Protect Water Quality for End Users	Conkle						FM2	Life History, Population Status, and Restoration of American Shad and River Herring in the Delaware River Basin	Rothermel
15:45		TC3	Microplastics Upstream of the Delaware River: Assessing the Antibiotic-Resistant Bacterial Hitchhikers of Microplastic Pollution in Blue Marsh Lake	Felker		HH7	The New Jersey Tidal Wetland Monitoring Network: Background, Trends, Management Implications, & Data Availability	Raper		FM3	An Adaptive Resource Management Framework for the Harvest of Horseshoe Crabs in the Delaware Bay Region	Conroy
16:00		TC4	PFAS in Delaware Surface Waters	Cargill, IV						LR1	Developing Management and Restoration Strategies for American Oystercatcher Breeding along the Delaware Bav (New Jersey)	Casper
16:15		Q&A					Q&A			Q&A		
16:30	Poster Session / Happy Hour											
18:00	Dinner											

Track 4					Track 5					Track 6				
Wednesday Feb 12th, 2025 - Day 2														
Keynote 2: Rachel Hogan Carr, The Nature Nurture Center: Connecting Science to Communities														
Break														
10:45	Session X Climate Change #1	CC1	Development of a Multidimensional Coastal Wetland Migration and Maintenance Data Layer for NJ ResTORS	McKenna	Session XI Healthy Habitats - Wetlands & Other Habitats #1	HH1	Coastal Marsh Restoration: An Ecosystem Approach for the Mid-Atlantic - Joint Agency Guidance	Wilson	Session XII Strong Communities #1	SC2	Community Engagement and Nature Based Solutions in the Face of Historic Flooding in Eastwick	Lacour		
11:00		CC2	Integrated Modeling to Assess Delaware River Basin Water Resource Vulnerability to Drought	Dugger		HH5	CHARRM: Finding Efficiencies Among Mid-Atlantic Resource Managers, Restoration Practitioners and Research Scientists in the Mid-Atlantic Region	McCulloch		SC3	Community-Driven Modeling for Flood Risk Resilience in the Darby-Cobbs Watershed	Ricks		
11:15		CC3	Risk & Resilience : Sea Level Rise Scenario Visualization for Adaptation and Mitigation Practices	Feinman		HH6	Organizing a Collaborative Statewide Submerged Aquatic Vegetation (SAV) Network and Initiatives in Delaware	Clauson		SC7	Hurricane Ida: An Interstate Flood Resilience Plan for the Brandywine in Delaware and Pennsylvania	DeCosta		
11:30		CC4	City of Wilmington GHG Reduction Program: Working to Achieve 50% Reduction By 2030	Quimby		LR4	Submerged Aquatic Vegetation Monitoring and Restoration Efforts in Delaware's Inland Bays	Hoffman		MA12	Monitoring and Modeling of Urban Creeks in Philadelphia	Mahat		
11:45		CC5	Salt-water Intrusion Along the Mid-Atlantic Coastal Plain: How Relative Sea-level Rise Could Impact Soil Properties in Coastal Agricultural Lands	Irizarry Brugman		SC9	Delaware Bay: The Evolution of a Regional Restoration Strategy in the Face of Climate Change	Modjeski		SC1	Community Science Data Informs Restoration in an Urban Ecosystem	Sarver		
12:00	Lunch													
13:30	Session XIII Climate Change #2	CC6	Foundational Support for Evaluating Flood Risk Management and NYC Water Supply Reliability in the Catskill and Delaware Watersheds	Garigiano	Session XIV Healthy Habitats - Wetlands & Other Habitats #2	SC8	Oh, the places you'll go...Delaware Marsh Migration Model	Smith	Session XV	HH3	Creation of an Outdoor Exploration Space	Quimby		
13:45		CC7	Climate Change Projections for NYC Watershed and Upper Delaware Headwaters Region	Mead		HH4	Making a Splash in Southern New Castle County: Restoring a Historical Seasonal Pond Complex	Whitman		SC5	ASAP: The Apprenticeship In Shellfish Aquaculture Program	Shinn		
14:00		CC8	Future climate to intensify extreme floods and shift flood generating mechanisms in the Delaware River Basin	Sun		HH2	Salt Marsh Vegetation Composition and Habitat Change at Black-Crowned Night Heron Nesting Sites on Historic Dredge Mounds	Blum	Session XVI Strong Communities #2	SC10	Overview of The New Jersey Nature-Based Solutions (NBS) Reference Document: A Tool to Help Municipalities, Non-Profits, and Decision Makers in the Development, Implementation, and Monitoring of Effective NBS to Address Climate Hazards	Barr		
14:15		CC9	Using a Hydro-Terrestrial Modeling Framework to Investigate the Impacts of Climate, Land Use, and Sea Level Change on Hydrology and Salinity during Drought in the Delaware River Basin	Cook		SC6	The Importance of Patch Shape at Threshold Occupancy: Functional Patch Size Within Total Habitat Amount	Keller		SC11	Ecological uplift potential of green bulkheads	Beck		
14:30		MA14	Enhancement of Methodology for Calculating Net Carbon Emissions for Natural and Working Lands	Wiley		Q&A				Q&A				
14:45	Break													
15:15	Session XVI The Mixing Zone	MA1	Seaports on the East Coast are Victims of Their Success	Dennis	Session XVII Special Session: Ecosystem Rehabilitation through a Mosaic Approach	SC4	Improving Ecosystem Rehabilitation through a Mosaic Approach - Advancing a Regional Philosophy in New Jersey	Doss	Session XVIII Urban Waters	UW1	Upstream Opportunities - A listening approach to early public engagement in DRBC climate resilience planning	Bowman Kavanagh		
15:30		SM4	A New Conceptual Sediment Budget for Delaware's Sandy Estuarine Beaches	Shawler						UW2	Northeast Rising: Implementing Climate Resilience through Community Building on the Brandywine River in Downtown Wilmington, Delaware	Igou		
15:45		MA10	USDA - NRCS Coastal Zone Soil Survey: A Tool for Quantifying Blue Carbon Stocks	Steinmann						SC12	Breaking Down Barriers: Making the Outdoors More Accessible in the Delaware River Watershed	Barakat		
16:00		HH8	Aquatic Conductivity: Not Just for the Fish Anymore	Witson						UW3	City of Wilmington Urban Pollinator Corridor and Food Resilience Project: A Community Approach to Conservation and Sustainability at the Neighborhood Level	Wilson		
16:15		Q&A								Q&A				Q&A
16:30	CLOSING - Riverfront Ballroom													