

Track 1				Track 2				Track 3				
Tuesday Feb 11th, 2025 - Day 1												
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											
10:15	Break											
10:45	Session I Clean Waters - Water Quality #1	WQ1	Improving Dissolved Oxygen in the Delaware River Estuaries	Amidon	Session II Monitoring and Assessment #1	MA2	Breakwater Enhancement, Sediment Placement, and Monitoring	Hanton	Session III Healthy Habitats - Living Shorelines	MA9	Investigating The Use of Diatoms as Inundation Indicators	O'Brien
11:00		WQ2	Understanding Sediment Oxygen Demand in the Delaware River	Amato		MA3	Runnel Creation and Monitoring in Low Marsh at Cape Henlopen	Hanton		LR2	Bringing a Cemetery to Life: Living Shoreline Design for Flood Resilience	Davis
11:15		WQ3	Use of Change Factor Methodology to Estimate Dissolved Oxygen Deficits	Bransky		MA4	Progress on a Programmatic Approach to Assessing Salt Marsh Health	Ripple		LR3	Delaware's Living Shoreline Cost Share Program	Clauson
11:30		WQ10	Philadelphia's Tidal Delaware River Receiving Water Monitoring	Althouse		MA5	Diatom-based applications for assessment and monitoring	Enache		LR5	Thompson Island Living Shoreline Planning and Phase 1 Implementation	Collins
11:45		WQ5	The Role of Nitrification in the Tidal Fresh Delaware Estuary	Kutis		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	Kutis	Session V Monitoring and Assessment #2	MA11	The Final Piece of the Delaware Wetland Health Assessment	Stouffer	Session VI Healthy Habitats - Sediment Materials Management	SM1	More Mud, More Marshes: Quantifying the Restoration Potential of Fine-Grained Sediment	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 Planning	Harris
14:00		WQ7	Sensitivity of Delaware River Salinity Intrusion to Climate Change	Hesson		MA7	Water Monitoring and Research in the Delaware River Basin	Pajerowski		SM3	A Comparative Analysis of the Delaware River Bottom Sediment	Hughes
14:15		WQ8	A Sensitivity Analysis for a 3-Dimensional Model of Salinity Intrusion	Aritta		MA8	Delaware Bay Habitat Restoration Project Monitoring	Tablante		SM5	Scotch Bonnet Island Marsh Elevation Enhancement Project	Tedesco
14:30		WQ9	Stream Restoration and Pollutant Removal in McIntire Park	Smith		Q&A				SM6	Advancing Beneficial Use of Fine-Grained Dredged Sediment	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	HH7	The New Jersey Tidal Wetland Monitoring Network: Background, Trends, Management Implications, & Data Availability	Raper	Session IX Fisheries Management & Living Resources	FM1	Celebrating 75 years of Sport Fish Restoration in the Delaware River	Newhard
15:30		TC2	Monitoring PFAS in the Delaware River and Tributaries to the Chesapeake Bay	Conkle						FM2	Life History, Population Status, and Restoration of American Shad	Eyler
15:45		TC3	Microplastics Upstream of the Delaware River: Assessment and Mitigation	Felker						FM3	An Adaptive Resource Management Framework for the Delaware River	Conroy
16:00		TC4	PFAS in Delaware Surface Waters	Cargill, IV						LR1	Developing Management and Restoration Strategies for the Delaware River	Casper
16:15		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												
9:00	Keynote 2: Rachel Hogan, The Nature Nurture Center: Connecting Science to Communities											
10:15	Break											
10:45	Session X Climate Change # 1	CC1	Development of a Multidimensional Coastal Wetland Monitoring System	McKenna	Session XI Healthy Habitats - Wetlands & Other Habitats #1	HH1	Coastal Marsh Restoration: An Ecosystem Approach for the Delaware River	Wilson	Session XII Strong Communities #1	SC2	Community Engagement and Nature Based Solutions in the Delaware River	Lacour
11:00		CC2	Integrated Modeling to Assess Delaware River Basin Watershed Health	Dugger		HH5	CHARRM: Finding Efficiencies Among Mid-Atlantic Resilience Programs	McCulloch		SC3	Community-Driven Modeling for Flood Risk Resilience in the Delaware River	Ricks
11:15		CC3	Risk & Resilience: Sea Level Rise Scenario Visualization	Feinman		HH6	Organizing a Collaborative Statewide Submerged Aquatic Vegetation Monitoring and Restoration Program	Clauson		SC7	Hurricane Ida: An Interstate Flood Resilience Plan for the Delaware River	Narvaez
11:30		CC4	City of Wilmington GHG Reduction Program: Working to Reduce Emissions	Quimby		LR4	Submerged Aquatic Vegetation Monitoring and Restoration in the Delaware River	Hoffman		MA12	Monitoring and Modeling of Urban Creeks in Philadelphia	Mahat
11:45		CC5	Salt-water Intrusion Along the Mid-Atlantic Coastal Plain	Irizarry Brugman		SC9	Creating Resilient Marsh and Beach Habitat in Delaware	Modjeski		Q&A		
12:00	Lunch											
13:30	Session XIII Climate Change #2	CC6	Foundational Support for Evaluating Flood Risk Management Options	Garigliano	Session XIV Healthy Habitats - Wetlands & Other Habitats #2	SC8	Oh, the places you'll go...Delaware Marsh Migration Monitoring	Smith	Session XV Strong Communities #2	SC1	Community Science Data Informs Restoration in an Urban Watershed	Sarver
13:45		CC7	Climate Change Projections for NYC Watershed and Upstream Watersheds	Mead		HH4	Making a Splash in Southern New Castle County: Restoration of Salt Marshes	Whitman		HH3	Creation of an Outdoor Exploration Space	Quimby
14:00		CC8	Future climate to intensify extreme floods and shift flood risk	Sun		HH2	Salt Marsh Vegetation Composition and Habitat Change	Blum		SC5	ASAP: The Apprenticeship In Shellfish Aquaculture Program	Shinn
14:15		CC9	Using a Hydro-Terrestrial Modeling Framework to Invest in Resilient Watersheds	Cook		SC6	The Importance of Patch Shape at Threshold Occupancy	Keller		SC10	Overview of The New Jersey Nature-Based Solutions (NBS) Program	Barr
14:30		MA14	Enhancement of Methodology for Calculating Net Carbon Sequestration	Wiley		Q&A				SC11	Ecological uplift potential of green bulkheads	Beck
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 and Environmental Justice	UW1	Upstream Opportunities - A listening approach to early flood risk reduction	Bowman Kavanagh
15:30		SM4	A New Conceptual Sediment Budget for Delaware's Salt Marshes	Shawler						UW2	Northeast Rising: Implementing Climate Resilience through Urban Waters	Igou
15:45		MA10	USDA - NRCS Coastal Zone Soil Survey: A Tool for Quantifying Soil Health	Steinmann						UW3	City of Wilmington Urban Pollinator Corridor and Food Forest	Wilson
16:00		HH8*	Aquatic Connectivity	Wilson						SC12	Breaking Down Barriers: Making the Outdoors More Accessible	Barakat
16:15		Q&A								Q&A		
16:30	CLOSING											