

**North Carolina Beach, Inlet & Waterway Association's 27th Annual Conference
November 18th & 19th 2024**

Earn Engineering, Surveying and Geology PDHs and CECs for Floodplain Managers

DAY 1 - Monday, November 18

Breakfast

7:30 **Sponsor: *Currituck and Dare Counties and the Towns of Duck and Southern Shores***
Meeting Coffee and Water
Sponsor: *Brunswick County*

8:30 **Opening Remarks**-Bobby Outten, NCBIWA Chairman and Kathleen Riely, NCBIWA Executive Director

SESSION 1: Regulatory & Policy Updates

Moderator: COL Steve Baker, Former Commander, Wilmington District, USACE

8:45 **U.S. Army Corps of Engineers Update**-TBD

9:15 **N.C. Division of Coastal Management (DCM) Program Updates**- Tancred Miller, Director, Division of Coastal Management

9:35 **N.C. Division of Water Resources Budget/Policy Updates**-Kevin Hart, N.C. Division of Water Resources

9:55 **How North Carolina's Office of Recovery and Resiliency (NCORR) Program Benefits North Carolina Communities**-NCORR Staff TBD

Morning Break

10:25 **Sponsor: *New Hanover County***

SESSION 2: Legislative and Policy Updates

Moderator: Justin Whiteside, Ocean Isle Beach Town Administrator

10:45 **National Flood Insurance Program Update**-Lisa Sharrard, ANFI, CFM, Owner, Choice Flood Insurance, LLC

11:10 **History of Buxton, North Carolina**- Buxton Civic Association

11:35 **N.C. General Assembly Update**-Senators Norman Sanderson (Carteret, Chowan, Dare, Hyde, Pamlico, Pasquotank, Perquimans, Washington) and Bobby Hanig (Bertie, Camden, Currituck, Gates, Halifax, Hertford, Martin, Northampton, Tyrrell, Warren), Representatives Ted Davis (New Hanover), Carson Smith (Onslow, Pender) and Frank Iler (Brunswick)

12:00 **NETWORKING LUNCH - 2024 AWARDS PRESENTATION**

Sponsors: *Town of Wrightsville Beach*

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SESSION 3: Offshore Wind in North Carolina
Moderator: Kathleen Riely, Executive Director, NCBIWA

1:30 **Offshore Wind Energy Panel Discussion**-Jennifer Mundt, Assistant Secretary of Clean Energy Economic Development, NC Department of Commerce, Seth Theuerkauf, PH.D., Renewable Energy Program Specialist, Bureau of Ocean Energy Management (BOEM), Trish Murphey, NC Division of Marine Fisheries, Jen Banks, Permitting & Development Director for TotalEnergies' Carolina Long Bay Project

3:00 **Federal Legislative Update on Offshore Energy**-Neal McMillin, Louisiana Department of Energy & Natural Resources Director of Federal Affairs

3:25 **Afternoon Break**
Sponsor: [Town of Holden Beach](#)

SESSION 4: New Technologies
Moderator: Ken Willson

3:45 **Nearshore Wave Energy Converters for Coastal Resiliency**- Michael Muglia, PhD and George Bonner, P.E., Coastal Studies Institute

4:05 **Terrestrial Scanning of Inlet Shorelines Utilizing Kinematic Workflows with a Scanner Mounted on a Survey Vessel**-Matt LaLuzerne, MBA, PSM National Director of Business Development and Geospatial Services McKim & Creed

4:25 **The Application of Drone Technology to Monitor and Assess Coastal Environments and Projects**-Adam Priest and Frank Marshall, Coastal Protection Engineering

4:45 **USACE-ERDC Uncrewed Survey System Development**- Ian Conery, PhD and Spicer Bak, PhD, US Army Engineer Research and Development Center, Coastal and Hydraulics Laboratory, Field Research Facility, Duck NC

5:05 **What In The World Is A Water Injection Dredge?**- William Fuller, Coastal Engineer, HDR

5:25 **NCBIWA Annual Meeting - NCBIWA Election of New Board Members and Officers**

5:35 **NCBIWA Board of Directors Meeting-Welcoming New Board Members and Officers**

5:45 **EVENING RECEPTION: COMPLIMENARY DRINKS:**

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DAY 2 - Tuesday, November 19

Breakfast
Sponsor:
7:15 **Meeting Coffee and Water**
Sponsor: *Brunswick County*

SESSION 5: Coastal
Moderator: Dawn York

8:00 **Maximizing Regional Sand Management in North Carolina Panel Discussion-BOEM, DCM, USACE, Local government reps from 1 – 3 coastal regions**

9:15 **American Flood Coalition-Tony McEwen, Carolinas Director, American Flood Coalition**

9:35 **University of North Carolina Wilmington (UNCW) Center for Marine Science-Lynn Leonard, Ph. D., Director, Coastal Ocean Research and Monitoring Program**
Director, Coastal Hydrology and Sedimentology Lab

10:00 **A Turnkey Approach to Comprehensive Nature-Based Tidal Wetland Conservation and Enhancement: Guinea Marsh Shoreline Protection and Oyster Restoration Plan-Tad Schwendler, COO, Natrx, Matthew Campbell, PhD, PE, President, Natrx**

10:25 **Networking Break**
Sponsor: *Village of Bald Head Island*

SESSION 6: Waterways and Inlet Management
Moderator: Dan Dawson

10:45 **Navigating Navigation Maintenance: Dare County's Program to Maintain Navigable Waters Throughout the County-Ken Willson and Brad Rosov, Coastal Protection Engineering**

11:10 **Lockwood Folly Inlet (LWF) Emergency Dredging using the "Miss Katie" from the Outer Banks-Fran Way, PE, ATM of NC**

11:35 **Abandoned and Derelict Vessel Program in North Carolina- Ted Wilgis Coastal Scientist/ Marine Debris Program Manager and Kerri Allen, Coastal Advocate/Coastal Management Program Director, North Carolina Coastal Federation**

12:00 **LUNCH WITH KEYNOTE SPEAKER:**
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SESSION 7: Coastal Projects
Moderator: Merrie Jo Alcoke

1:45 **Innovative Solutions for Oak Island's Flooding Challenges**-Marc Horstman, PE, BC,
WRE, WK Dickson

2:10 **High Water in the Holy City – The Charleston Water Plan**-Jared Bramblett, PE, Moffatt
& Nichol

2:35 **Implementing Coastal Resiliency Plans**-Sandy Cross, Town of Duck

3:00 **Closing Remarks**-Kathleen Riely, NCBIWA Executive Director

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