

# North Carolina Beach, Inlet & Waterway Association's 26<sup>th</sup> Annual Conference

November 16<sup>th</sup> & 17<sup>th</sup> 2023

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

## DAY 1 - Thursday, November 16

### 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**- COL Brad A. Morgan, Commander and District Engineer, Wilmington District, USACE, Robert (Bob) W. Keistler, PE, Programs and Project Management, USACE

9:15

**NOAA's Office of Coast Survey (OCS) Update**-Kyle R. Ward, NOAA Office of Coast Survey - Navigation Manager

9:40

**U.S. Coast Guard Sector North Carolina Waterways Management Division Update**-LT Carl Hendrickson, P.E. PMP

10:05

**The National Flood Insurance Program Update**-Lisa Sharrard, ANFI, CFM Owner, Choice Flood Insurance, LLC

10:30

### Morning Break

**Sponsor:** *Town of Holden Beach*

### SESSION 2: Legislative and Policy Updates

**Moderator:** Dan Dawson, PE, PLS

10:50

**N.C. General Assembly Update**-Senator Bobby Hanig (Bertie, Camden, Currituck, Gates, Halifax, Hertford, Martin, Northampton, Tyrrell, Warren), Representatives Carson Smith (Onslow, Pender) and Frank Iler (Brunswick)

11:20

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

11:45

**N.C. Division of Coastal Management (DCM) Program Updates**- Braxton Davis, Director, Division of Coastal Management

### NETWORKING LUNCH - 2023 AWARDS PRESENTATION

**Sponsors:** *Town of Wrightsville Beach*

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## SESSION 3: Coastal Resiliency

Moderator: Justin Whiteside, Town of Ocean Isle Beach

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|------|--|
| 1:45 | <b>South Shore Drive Dune Infiltration System: Case Study of a Coastal Resiliency Partnership to Implement Innovative Flooding Solutions</b> -Kyle Breuer, Town of Surf City, Trevor Carroll, PE, NCDOT, Marc Horstman, PE, PhD., WK Dickson |
| 2:10 | <b>The Bureau of Ocean Energy Management's (BOEM) Coastal Resilience Mission</b> -Ashley Long and Doug Piatkowski, Bureau of Ocean Energy Management, Marine Minerals Program  |
| 2:35 | <b>Coastal Resiliency Opportunities: Ocean Outfall Maintenance Along the North Carolina Coast</b> - Marshall Gill, PE, N.C. Department of Transportation, Kyle Stoffer, EI and William Fuller, EI, HDR Engineering of the Carolinas, Inc.    |
| 3:00 | <b>From Resilience Planning to Implementation: Successes of the N.C. Resilient Coastal Communities Program</b> - Kasen Wally, Coastal Resilience Specialist, North Carolina Division of Coastal Management                                   |
| 3:25 | <b>Afternoon Break</b><br><i>Sponsor: Village of Bald Head Island</i>  |

## SESSION 4: New Technologies

Moderator: Ken Willson, Coastal Protection Engineering

- |      |  |
|------|--|
| 3:55 | <b>Adaptive Coastal Management with Geosynthetic Stub Groins, Druif Beach, Aruba</b> -Joseph Little PE, Little Environments PLLC   |
| 4:20 | <b>New Hanover County's Long-Term Tidal Creek Water Quality Monitoring Program: Using Data to Help Inform Management</b> -Brad Rosov, Coastal Protection Engineering of North Carolina, Inc. |
| 4:45 | <b>Advanced Technology for Planning, Design, and Monitoring of Coastal Resiliency Projects</b> -Matthew Campbell, PhD, PE, President, Natrx and Tad Schwendler, COO, Natrx                   |
| 5:10 | <b>NCBIWA Annual Meeting - NCBIWA Election of New Board Members and Officers</b>   |
| 5:20 | <b>NCBIWA Board of Directors Meeting-Welcoming New Board Members and Officers</b>  |
| 5:30 | <b>EVENING RECEPTION: <i>Sponsored by Great Lakes Dredge and Dock</i></b><br><b>COMPLIMENARY DRINKS: <i>Sponsored by Coastal Protection Engineering, HDR and New Hanover County</i></b>      |

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DAY 2 - Friday, November 17

## Breakfast

7:15 **Sponsor: *Thomas S. Keenan III Foundation***  
Meeting Coffee and Water  
**Sponsor: *Brunswick County***

## SESSION 5: Coastal Partners Moderator: Tammy Proctor, Pender County

8:15 **American Shore and Beach Preservation Association (ASBPA) Update-** Nicole Elko  
Ph.D., Executive Director, ASBPA

8:35 **Beach Management through the Blue Flag Framework -** Annie Mercer, Program  
Coordinator, ASBPA

9:00 **American Flood Coalition-**Tony McEwen, Carolinas Director, American Flood  
Coalition

9:30 **University of North Carolina Wilmington (UNCW) Center for Marine Science-**  
Kenneth M. Halanych, Ph. D., Executive Director of UNCW Center for Marine Science

9:55 **NC Division of Marine Fisheries Habitat and Enhancement Section Overview-**Jacob  
Boyd, N.C. Division of Marine Fisheries

10:20 **Networking Break**  
**Sponsor: *Figure 8 Island***

## SESSION 6: Coastal Management Moderator: Dawn York, Moffatt & Nichol

10:40 **The Collaboratory for Coastal Adaptation over Space and Time (C-CoAST): Enabling  
Co-produced, Coupled Human-Natural Dynamics Research in Support of Coastal  
Community Resilience Planning-**Laura J. Moore, Ph.D., Department of Earth, Marine  
and Environmental Sciences, University of North Carolina at Chapel Hill

11:05 **Estimating Sand Needs to Mitigate Shoreline Retreat at Rodanthe-**Patrick  
Barrineau, PhD PG, Coastal Science & Engineering, Inc.; Engineering, Inc.

11:30 **Getting Together to Get It Done: How Communities in Dare County are Working  
Together to Sustain Their Beaches-**Ken Willson, Coastal Protection Engineering, LLC

12:00 **LUNCH WITH KEYNOTE SPEAKER: Congressman Greg Murphy**

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## SESSION 7: Coastal Projects Moderator: Dan Dawson, PE, PLS

1:30      **North Topsail Beach Truck Haul Projects in 2021-2023-** Fran Way, PE, ATM of NC

1:55      **Mason Inlet Relocation Project-**Tyler Littlefield PE, Gahagan and Bryant Associates  
and Kim Williams, Davey Resource Group

2:25      **A Hybrid Living Shoreline Approach to Protect Carrot Island, a NC Estuarine  
Research Reserve-**Margaret Boshek, PE, Moffatt & Nichol

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

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