

# 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 Ted Davis (New Hanover) 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*

Thanks to Our Program Agenda Sponsor:



# 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

## SESSION 3: Coastal Resiliency

Moderator: Justin Whiteside, Town of Ocean Isle Beach

- |      |  |
|------|--|
| 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>      |

Thanks to Our Program Agenda Sponsor:



# 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 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

**Sponsors:** *Carteret County and the Towns of Emerald Isle, Indian Beach, Pine Knoll Shores, Atlantic Beach and Beaufort*

Thanks to Our Program Agenda Sponsor:



# 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

## 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

**Thanks to Our Program Agenda Sponsor:**

