

North Carolina Beach, Inlet & Waterway Association's 2021 Spring Meeting

Monday and Tuesday April 26-27, 2021

Technical Sessions Qualify for Engineering, Land Surveying and Geology PDH credits

DAY 1 - Monday, April 26

Breakfast

7:45 **Sponsor:** *Dare County and the Towns of Duck and Southern Shores*

Meeting Coffee and Water

Sponsor: *Brunswick County*

8:30 **Opening Remarks**-Eddie Barber, Mayor, Emerald Isle, Randell Woodruff, Chairman, NCBIWA, Kathleen Riely, Executive Director

SESSION 1: Legislative and Policy Updates

Introduction: Jim Normile

8:45 **N.C General Assembly Update-Invited** N.C. Senators Norm Sanderson (Carteret), Michael Lee (New Hanover County), Michael Lazzara (Jones/Onslow), Representatives Bobby Hanig (Currituck, Dare, Hyde), Frank Iler (Brunswick), Pat McElraft (Carteret), Carson Smith (Pender)

9:30 **North Carolina Division of Water Resources Budget/Policy Updates**-Kevin Hart, N.C. Division of Water Resources

10:00 **North Carolina Division of Coastal Management (DCM) Program Updates**- Braxton Davis, Director, N.C. Division of Coastal Management

Morning Break

10:15 **Sponsor:** *Town of Holden Beach*

SESSION 2: Coastal Updates

Introduction: Dawn York

10:30 **U.S. Army Corps of Engineers Update: SACS Study and PAS Funding**-Brennan Dooley, Project Manager, Wilmington District USACE and Jason Glazener, Community Planner, Wilmington District USACE

11:30 **Effects on Tourism from Natural Disasters**-Wit Tuttell, Vice President, Tourism Economic Development Partnership NC

LUNCH WITH KEYNOTE SPEAKER: Congressman Greg Murphy

12:00 **Sponsors:** *Carteret County and the Towns of Emerald Isle, Indian Beach, Pine Knoll Shores, Atlantic Beach and Beaufort*

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SESSION 3: Panel Discussion Derelict Vessels

Introduction: Dawn York

1:30 Paula Gillikin, Central Sites Manager (Rachel Carson & Permuda Island Reserves) N.C. Coastal Reserve and National Estuarine Research Reserve, N.C. Department of Environmental Quality, Ben Solomon, Environmental Specialist, North Carolina Wildlife Resources Commission, Division of Engineering and Lands Management, Everette (Rett) Newton, Mayor, Town of Beaufort, Sarah S. Bodin Coastal Restoration Specialist, N.C. Coastal Federation

SESSION 4: Mitigation Solutions

Introduction: Ken Willson

2:30 **Local Adaptive Management of Coastlines Through Application of Engineered Principles, Monitoring Baseline Assumptions with local Buoy Technology and Understanding the Mechanisms of Sand**-Joseph Little, P.E., Managing Director, Little Environments, PLLC

2:55 **City of New Bern Resiliency and Hazard Mitigation Plan**-Mike J. Robinson, CFM, Technical Director, Resiliency and Mitigation Planning, Moffatt & Nichol, Amanda Ohlensehlen, Community & Economic Development Manager, City of New Bern

3:20 **Afternoon Break**
Sponsor: Village of Bald Head Island

3:35 **NuShore Beach Mitigation Solution**-Stephen Harrington NuShore, LLC

4:00 **Using Molecular Approaches for Coastal Municipal Stormwater and Wastewater Infrastructure Based Decision Making**-Rachel Noble, Ph.D., Professor, Marine Sciences, U.N.C. Chapel Hill Institute of Marine Science

4:25 **A New Partnership to Protect and Restore Coastal Habitats in North Carolina**-Leda Cunningham, Officer, Conserving Marine Life in the US, The Pew Charitable Trusts and Todd Miller, Executive Director, N.C. Coastal Federation

4:50 **North Carolina Office of Recovery and Resiliency (NCORR) Update**-Marlena Gutiérrez Byrne, Deputy Chief Resilience Officer, North Carolina Office of Recovery and Resiliency/NC Emergency Management

5:15 **Happy Hour!** *Sponsored by Great Lakes Dredge and Dock and Atlantic ReefMaker*

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DAY 2 - Tuesday, April 27

Breakfast

8:00

Sponsor: *Towns of Kure Beach and Carolina Beach*

Meeting Coffee and Water

Sponsor: *Brunswick County*

SESSION 5: Coastal Partners

Introduction: Ken Willson

9:00

Atlantic Intracoastal Waterway Association (AIWA) Update-Brad Pickel, Executive Director, AIWA, **American Shore and Beach Preservation Association (ASBPA) Update**-Nicole Elko Ph.D., Science Director, ASBPA

9:25

Coastal States Organization Update-Derek Brockbank, Executive Director, Coastal States Organization

9:50

The Coastal Observing System for the Southeast U.S.-Debra Hernandez, Executive Director, Southeast Coastal Ocean Observing Regional Association (SECOORA)

10:15

Grant Funding for Low-Cost Tide Gauges-Nicole Elko Ph.D., Science Director, ASBPA

10:40

Networking Break

Sponsor: *Coastal Science & Engineering*

SESSION 6: Navigation

Introduction: Carin Faulkner

11:00

Dare County Dredge Material Management Program-Ken Willson, Senior Project/Program Manager, Coastal Protection Engineering

11:25

Carolina Beach Inlet Inshore Dredge Material Management- Layton Bedsole, Shore Protection Coordinator, New Hanover County

11:50

Circumnavigating Carteret County by Means of Waterway Dredging-Greg "Rudi" Rudolph, Carteret County Shore Protection Office

12:15

WORKING LUNCH-North Carolina Coastal Habitat Protection Plan Presentation-Jimmy Johnson, Coastal Habitats Coordinator, Albemarle-Pamlico National Estuary Partnership (APNEP)

Sponsors: *North Carolina Coastal Federation*

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SESSION 7: Energy and the Environment

Introduction: Carin Faulkner

1:30	Coastal Environment Education Programs for Middle and High School Liz DeMattia, Research Scientist Duke University Marine Lab
1:55	The Offshore Wind Opportunity for North Carolina -Jaime Simmons, Program Manager, Southeastern Wind Coalition
2:20	Update on the North Carolina Renewable Ocean Energy Program: Department of Energy Investments in NC Projects -Dr. Mike Muglia, Assistant Director for Science and Research: NC Renewable Ocean Energy Program
2:45	Closing Remarks -Kathleen Riely, NCBIWA Executive Director NCBIWA Board of Directors Meeting