

North Carolina Beach, Inlet & Waterway Association's 23rd Annual Conference

November 9 & 10, 2020

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

DAY 1 - Monday, November 9

7:30 **Breakfast**

Sponsor: *Dare County, Towns of Duck, Southern Shores and Carolina Beach*
Meeting Coffee and Water

8:15

Sponsor: *Brunswick County*

Opening Remarks-Randell Woodruff, Chair & Kathleen Riely, Executive Director

SESSION 1: Regulatory & Policy Updates

Introduction:

8:30

U.S. Army Corps of Engineers Update- COL Benjamin A. Bennett, Wilmington District Commander USACE, Christine Brayman, Deputy District Engineer, Programs and Project Management, Wilmington District USACE, Bob Keistler, Civil Works Branch Chief, Wilmington District USACE

9:15

N.C. Division of Coastal Management (DCM) Program Updates- Braxton Davis, Director, Division of Coastal Management and Heather Coats, Beach & Inlet Project Coordinator

9:45

N.C. Resilient Coastal Communities Program- Tancred Miller, Division of Coastal Management, Policy & Planning Section Chief, Samantha Burdick, Coastal Resilience Coordinator and Mackenzie Todd, Coastal Resilience Specialist

10:30

Morning Break

Sponsor: *Town of Holden Beach*

SESSION 2: Legislative and Policy Updates

Introduction:

10:45

N.C. Senators Harry Brown (Onslow), *Confirmed*, Harper Peterson (New Hanover), *Confirmed*, Norm Sanderson (Carteret) *Confirmed*, Bob Steinburg (Dare, Hyde, Currituck), *Invited*, Bill Rabon (New Hanover, Pender, Brunswick), *Invited*, N.C. Representatives Bobby Hanig (Currituck, Dare, Hyde), *Invited*, Frank Iler (Brunswick), *Confirmed*, Pat McElraft (Carteret) *Confirmed*, Carson Smith (Pender) *Invited*, Phil Shephard (Onslow) *Invited*

11:45

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

12:15

LUNCH WITH KEYNOTE SPEAKER: COL Jason Kelly, Commander, South Atlantic Division USACE

Sponsors: *Town of Wrightsville Beach*

SESSION 3: Coastal Topics

Introduction:

1:45

N.C. Office of Recovery and Resiliency Update-Jessica Whitehead, Chief Resilience Officer, N. C. Office of Recovery and Resiliency

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2:15 **Brunswick Town/ Fort Anderson, Continuing the Protection of Natural and Cultural Resources at Brunswick Town/ Fort Anderson**-Phillip Todd, Project Development Coordinator, Atlantic Reef Maker

2:45 **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

3:15 **Cape Hatteras National Seashore Sediment Management Framework**-David Hallac, Superintendent, National Parks of Eastern North Carolina

3:45 **Afternoon Break**
Sponsor: Village of Bald Head Island

SESSION 4: Disaster Recovery Introduction:

4:00 **N.C. Department of Public Safety-Emergency Management**- Joe Stanton, Assistant Director of Recovery, N.C. Department of Public Safety, Division of Emergency Management

4:30 **Buxton Beach Nourishment to Improve Coastal Resiliency and Disaster Recovery, Dare County, North Carolina** -Haiqing Kaczowski, Principal Engineer, Coastal Science & Engineering

5:00 **Technical Aspects of Applying for Cat G & Cat B FEMA Grants**-Chris Gibson P.E., TI Coastal

5:30 **NCBIWA Annual Membership Meeting**

5:45 **NCBIWA Board of Directors Meeting**

6:00 **Happy Hour!** *Sponsored by Great Lakes Dredge and Dock*

DAY 2 - Tuesday, November 10

Breakfast

Sponsors:

7:30 **Meeting Coffee and Water**

Sponsor: Brunswick County

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SESSION 5: Coastal Partners

Introduction:

8:30 **Atlantic Intracoastal Waterway Association (AIWA) Update**-Brad Pickel, Executive Director, AIWA

8:45 **American Shore and Beach Preservation Association (ASBPA) Update**-Derek Brockbank, Executive Director, ASBPA

9:00 **Grant Funding for Low Cost Tide Gauges**-Nicole Elko Ph.D., Science Director, ASBPA

9:15 **Local Funding for Projects**-Annie Mercer, ASBPA 2020 Fellow

9:45 **How Coastal Communities are Adapting their Stormwater Management Planning Efforts to Address Intensifying Storms and Sea Level Rise**-Hunter Freeman, WithersRavenel

10:15 **Networking Break**
Sponsor: Figure 8 Island

SESSION 6: Innovative Data Collection and Analysis

Introduction:

10:30 **Mysteries of the Deep: Modified Beach Monitoring of Offshore Bathymetric Anomalies, Dare County**-Ken Willson, Senior Project/Program Manager, Coastal Protection Engineering

11:00 **Swift: New Technology for Rapidly Mapping Large Regions of Shoreline and Nearshore Morphology**-Jesse E. McNinch, USACE Field Research Facility, Duck NC

11:30 **Applications of Unmanned Aerial Systems to Monitoring and Modeling Beach and Coastal Processes**-Dr. Narcisa Pricope, Associate Professor, University of North Carolina at Wilmington, Department of Earth and Ocean Sciences

12:00 **LUNCH WITH KEYNOTE SPEAKER: Middle Peninsula Fight the Flood Program: Leveraging Consumer Need, Access to Financial Products and Needed Professional Services**-Lewis L Lawrence, Executive Director, Middle Peninsula Planning District Commission, Saluda, Va
Sponsors: Carteret County and the Towns of Emerald Isle, Indian Beach, Pine Knoll Shores, Atlantic Beach and Beaufort

SESSION 7: Coastal Projects

Introduction:

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1:00 **Replacement of North Topsail Water Main by Horizon Directional Drill**-Carter Hubard, Program Manager, WK Dickson

1:30 **Holden Beach - Update on Recent Storm Responses and Impacts on Beach Management** -Fran Way, P.E., Senior Coastal Engineer, Applied Technology & Management

2:00 **State Funded Dredge in Dare County**-Bobby Outten, County Manager, Dare County

2:30 **Introduction to Lake Mattamuskeet Watershed Active Water Management Project**-Peter de Haven, P.E. (N.C.), Senior Principal, Geosyntec Consultants, Inc. Ken Willson, Senior Project/Program Manager, Coastal Protection Engineering

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