

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 and the Towns of Duck and Southern Shores*

Meeting Coffee and Water

8:15

Sponsor: *Brunswick County*

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

SESSION 1: Regulatory & Policy Updates Introduction: Great Lakes Dredge & Dock

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, Pamela G. Castens, Senior Project Manager, 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: Steve Baker

10:45 N.C. Senators Harry Brown (Onslow), *Confirmed*, Harper Peterson (New Hanover), *Confirmed*, Norm Sanderson (Carteret) *Confirmed*, 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

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

Sponsors: *Town of Wrightsville Beach*

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

SESSION 3: Coastal Topics

Introduction: Bill Rich

1:45 **N.C. Office of Recovery and Resiliency Update**-Jessica Whitehead, Chief Resilience Officer, N. C. Office of Recovery and Resiliency

2:15 **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

2:45 **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

3:15 **Land Management Strategies for a Disappearing Seashore**-David E. Hallac, Superintendent, National Parks of Eastern North Carolina

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

SESSION 4: Disaster Recovery

Introduction: Ken Willson

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 Kaczkowski, Principal Engineer, Coastal Science & Engineering

5:00 **Technical Aspects of Applying for Cat G & Cat B FEMA Grants**-Jamie Pratt PG, Vice President, TI Coastal Services, Inc.

5:30 **NCBIWA Annual Membership Meeting**

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

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

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 2 - Tuesday, November 10

Breakfast

7:30 **Sponsor: *Land Management Group and the Town of Carolina Beach***
Meeting Coffee and Water
Sponsor: *Brunswick County*

SESSION 5: Coastal Partners Introduction: Cliff Ogburn

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

8:45 **American Shore and Beach Preservation Association (ASBPA) Update and Local Funding for Projects**-Annie Mercer, ASBPA 2020 Fellow

9:15 **Grant Funding for Low Cost Tide Gauges**-Nicole Elko Ph.D., Science Director, ASBPA

9:30 **How Coastal Communities are Adapting their Stormwater Management Planning Efforts to Address Intensifying Storms and Sea Level Rise**-Hunter Freeman, WithersRavenel

10:00 **Networking Break**
Sponsor: *Figure 8 Island*

SESSION 6: Innovative Data Collection and Analysis Introduction: Nicole Elko

10:15 **Mysteries of the Deep: Modified Beach Monitoring of Offshore Bathymetric Anomalies, Dare County**-Ken Willson, Senior Project/Program Manager, Coastal Protection Engineering

10:45 **Swift: New Technology for Rapidly Mapping Large Regions of Shoreline and Nearshore Morphology**-Jesse E. McNinch, USACE Field Research Facility, Duck NC

11:15 **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

11:45 **KEYNOTE SPEAKER CONGRESSMAN DAVID ROUZER**

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

12:15 **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: Brad Rosov

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**-Commissioner Jim Tobin, Dare County Commissioner and Jordan Hennessy,

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

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