



2019 Poster Presenters

“Morphological and Sedimentological Impacts of Hurricane Michael along the North-West Florida Coast” by Jacob Adam, University of South Florida

“Tools for Sedimentological Restoration” by Jeff Andrews, APTIM

“Break On Through (To The Other Side): sound-side overwash along the NC Outer Banks” by Patrick Barrineau, Coastal Science & Engineering, Inc.

“Elucidating Factors of Variable Marsh Accretion Rates in South Slough Estuary, OR” by Madison Bowe, South Slough National Estuary Research Reserve

“The Spatiotemporal Evolution of the Mid to Lower Shoreface, Grand Strand region, SC.” by Christina Boyce, Coastal Carolina University

“Tools and Technology of the USACE National Regional Sediment Management Program” by Brandon Boyd, US Army Engineer Research and Development Center

“Drivers of nutrient and sediment loading vary in coastal sub-watersheds” by Andrew Brainard, Ramboll

“Post-Hurricane Michael Damage Assessment Using ADCIRC Storm Surge Hindcast, Image Classification, and LiDAR” by Ty Briggs, Florida Atlantic University

“Spatial Variability of Sediment on a Nourished and Non-Nourished Beach in Southeast Florida” by Nicholas Brown, Florida Atlantic University

“A collaborative effort with a diverse group of stakeholders to cooperatively address coastal storm risks.” by Pamela Castens, US Army Corps of Engineers

“Reconstructing a Centennial-scale History of Extreme Floods using Oxbow Lake Sediments of the Pee Dee River, SC” by Nicholas Conway, Coastal Carolina University

“Influences of flooding and sediment on Loggerhead sea turtle reproduction success” by Ali Courtemanche, Florida Atlantic University

“The impact of physical and mineralogical properties of intertidal sands and resultant microbial ecology on the use and modification of land derived substances” by Kaitlin Dick, Coastal Carolina University

“Numerical Modeling and Field Study to Determine Capacity of Vegetated Coasts for Flood Prevention and Erosion Protection” by Yan Ding, U.S. Army Corps of Engineer Research & Development Center, Coastal & Hydraulics Lab

“Estuarine shoreline erosion driven by flood channel proximity at Pea Island, NC” by Michael Dunn, North Carolina State University

“Arctic Coastal Erosion: Coupled Modeling System for Coastal Hazards Evaluation” by Chris Flanary, Integral Consulting Inc.

“Combining beach nourishment with habitat creation: An under-explored opportunity.” by Robert Grover, Greenman-Pedersen, Inc.

“Engineering Application of the Beach-fx Model for Carolina Beach in New Hanover County, North Carolina” by Alison Grzegorzewski, US Army Corps of Engineers

“Morphology Change Modeling for Crab Bank, South Carolina Using the Coastal Modeling System (CMS)” by Alison Grzegorzewski, US Army Corps of Engineers

“Smith Island, Maryland: Shore Protection Using Headland Control: Design, Construction and Early Performance” by Caswell Hardaway, Virginia Institute of Marine Science

“Revisiting the Delaware Beach Regulatory Building Line” by Jesse Hayden, Delaware Department of Natural Resources and Environmental Control

“A Decision Maker’s Guide to Valuating Coastal Resiliency” by Mariah McBride, Coastal Systems International

“Web tools for visualizing and analyzing coastal inundation impacts” by John McCombs, Lynker at NOAA Office for Coastal Management

“Comparing spatial variability of post-nourishment sediment characteristics with loggerhead sea turtle nesting and hatching success” by Andrew Medhurst, Florida Atlantic University

“Coastal tourism and its influence on wastewater inputs: anthropogenic transport of nitrogen to a barrier island” by Michael O’Driscoll, East Carolina University

“Temperature and Sediment Variability Following Beach Placement using Different Borrow Sources” by Jyothirmayi Palaparthy, Florida Atlantic University

“Mosaic 3D Mapping of Coral Reefs and Hardbottom Ecosystems: Visualization, Characterization, and Quantification with Permanent, Virtual Data Sets” by William Precht, Dial Cordy and Associates, Inc.

“Intra-storm Erosion Processes on Steep Beaches and Dunes” by Jack Puleo, University of Delaware

“Real-Time Downscaling of ADCIRC Storm Surge Predictions” by Carter Rucker, NC State University

“Hurricane-induced extreme flood unprecedented over the past 4000 years in the Waccamaw River basin, South Carolina” by Zhixiong Shen, Coastal Carolina University

“Correlating synthetic storm characteristics with morphological changes on a developed barrier island” by Scott Spurgeon, University of South Alabama

“Coastal Communities Coping with Climate Change: the Deal Island Community Shoreline Restoration and Enhancement Project” by Rebecca Swerida, Maryland Department of Natural Resources- CBNERR

“Integration of FILSIM Probabilistic Planning Tool with Physical Depth Damage Functions” by Tori Tomiczek, United States Naval Academy

“Creating Community Conversation to Encourage Resilient Communities” by Michelle Vieira, Taylor Engineering

“FILSIM: A Probabilistic Planning Tool for the Management of Beach Nourishments” by Anna Wargula, US Naval Academy

“Alongshore Spatial Scales of Hypoxia in Long Bay, SC: 2012-2017” by Sarah Wessinger, Coastal Carolina University

“Improving Predictions of Coastal Flooding via Sub-Mesh Corrections” by Johnathan Woodruff, North Carolina State University