



**Spencer Rogers** Coastal Construction and Erosion Specialist—Spencer Rogers has helped private property owners, builders, designers, and governmental agencies to develop hurricane-resistant construction methods, understand shoreline erosion alternatives and implement marine construction techniques. He serves on the faculty at the University of North Carolina at Wilmington’s Center for Marine Science, and as adjunct faculty in the department of civil, construction, and environmental engineering at North Carolina State University.

Rogers co-authored *The Dune Book*, a guidebook on dune species, planning, and best management practices along developed shorelines. He also has contributed to the FEMA Coastal Construction Manual. In 2005, Rogers was part of a select group of engineers and scientists on the FEMA Hurricane Katrina Mitigation Assessment Team to conduct a coastal damage evaluation in Mississippi, Louisiana and Alabama.

Rogers joined Sea Grant in 1978, having worked as a coastal engineer for the Bureau of Beaches and Shores in the Florida Department of Natural Resources during his early career. He holds a master’s in coastal and oceanographic engineering from the University of Florida and a bachelor’s in engineering from the University of Virginia.



**Dr. Reide Corbett**, Ph.D.—Co-Program Head, Coastal Processes, UNC-CSI Professor, Department of Geological Sciences, Institute of Coastal Science and Policy, East Carolina University.

Reide Corbett is joint appointed between the Department of Geological Sciences and the newly formed Institute for Interdisciplinary Coastal Sciences and Policy at East Carolina University. He is a coastal oceanographer/geochemist with an overall scientific interest in the cycling of biologically active constituents (e.g., carbon, nitrogen, phosphorus) in coastal and open ocean environments. He is especially interested in evaluating and quantifying pathways of nutrient delivery to the coastal ocean that have been either under estimated or potentially ignored altogether, such as groundwater discharge and advective transport associated with sediment disturbances. These processes may play a critical role in understanding biogeochemical cycles and therefore must be described in order to fully constrain these cycles locally and globally. His recent hurricane-related research in the Gulf of Mexico demonstrates the importance of these meteorological events in coastal sediment dynamics. Ultimately, his hope is that information acquired through this research will lead to a clearer understanding of estuarine and coastal processes, providing better management and preservation of these critical environments.



**Dr. Timothy W. Kana**—Dr. Kana is founder and president of Coastal Science & Engineering (CSE) (1984–present) and Adjunct Professor of Geology at the University of South Carolina (1981–present). Prior to 1984, he was a founder and principal in the firm of Research Planning Institute Inc. Kana is an internationally recognized expert in coastal and estuarine processes, and has written over 250 publications and technical reports. His contributions to the coastal engineering literature include reports on estuarine sedimentation and harbor shoaling, flocculation and agglomeration of clays, nontidal circulation and turbidity maxima in estuaries, sediment partitioning among marshes, beaches and tidal channels, potential impacts of sea-level rise on coastal wetlands, preparation of sediment budgets, and beach nourishment design.

**Beach Nourishment** — Dr. Kana has served as project director or technical advisor on more than 30 beach restoration projects totaling nearly 22 million cubic yards. His work emphasizes soft engineering solutions to erosion along the oceanfront. Among the innovative projects Kana has directed was an inlet relocation at Seabrook Island (SC) which resulted in long-term restoration of two miles of eroded beach.



**Bob Oakes** graduated from the University of Virginia with a B.A. in English in 1984, and quickly moved to Nags Head. Bob entered the real estate property management field in 1986, and received a broker's license in 1988. He has completed the 300, 400 and 500 courses at the Institute of Real Estate Management, and has earned Certified Property Manager designation. Earning the CPM and meeting an extensive set of standards also enabled Village Realty to be awarded the prestigious Accredited Management Organization® accreditation, joining an elite group of only 537 real estate management firms nationwide to have earned the accreditation. Village Realty and Ocracoke Island Realty are the only two AMO firms in northeastern North Carolina.

Married with two children, Oakes is an Eagle Scout and former Scoutmaster. Bob recently served as Mayor of the town of Nags Head.



**Mr. Ken Willson** is a client program manager for CB&I (formerly CPE) based out of Wilmington, NC. He has assisted coastal clients in Virginia, North Carolina, Florida, and Louisiana for over 13 years. Mr. Willson earned a BS and MS in Geology from the University of North Carolina at Wilmington, and a Coastal Engineering Certification from Old Dominion University. Mr. Willson oversees comprehensive beach and inlet management programs for coastal clients. These projects include the design, permitting, construction, and long term monitoring of beach nourishment and inlet management programs. He lives in Wilmington with his wife Ali and three children.