



Dr. Katherine Brutsché is a Research Physical Scientist in the Coastal Engineering Branch, Coastal and Hydraulics Laboratory, U.S. Army Engineer Research and Development Center. Her main research topic is regional management and the strategic placement of sediment, specifically nearshore berms, where she seeks to create better predictive tools for nearshore berm evolution as well as better communication tools for Districts when dealing with stakeholders' perception on the placement of sediment into the coastal zone. Other research includes better constraining the environmental issues associated with dredging and placement within the nearshore zone such as turbidity plumes and fate of fine materials transported across the beach and nearshore. Katie received her Ph.D. and Masters from the University of South Florida in 2014 and 2011, respectively, with a focus on nearshore berm evolution and the geomorphology of nourished beaches.