Resume

Lewis Randall Fleniken III
Technical Associate

Education

B.S. University of Alabama 2011
A.S. Wallace Junior College 2001

Experience Highlights

Lewis Fleniken is a Technical Associate specializing in bathymetric and topographic field data collection and data management for Coastal Science & Engineering (CSE) (2013-present). Mr. Fleniken holds a BS from the University of Alabama and an AS from Wallace Junior College. His field data collection experience includes topographic and bathymetric surveys using the newest methods of Real-Time-Kinematics positioning (RTK-GPS) utilizing Virtual Reference Station (VRS) and Real Time Networks (RTN) for achieving centimetric-level accuracy. He is a CSE dive operations team member with experience in low to zero visibility and tidal currents. He also has experience with sediment collection on-land and in deep water.

Technical Experience

Mr. Fleniken has experience operating research vessels engaged in bathymetric data collection as a coxswain and as a data technician for Coastal Science & Engineering (2013-present). Fleniken has experience with topographic data collection using RTK-GPS, specifically using Trimble™ Survey Controller and Trimble™ R8 GNSS GPS receivers. Using RTK-GPS, Fleniken has collected thousands of beach profiles. He has also been highly involved in dive operations at CSE including deployment and recovery of in-situ flow meters, tide gauges, and wave gauges. He has also assisted in the collection of hundreds of borings in offshore borrow sites for beach nourishment planning.

Bathymetric and Topographic Data Collection Experience

Arcadian Shores, SC
Bay Point, SC
Breach Inlet, SC
Cape Hatteras National Seashore, NC
Captain Sam's Inlet, SC
Dewees Inlet, SC
Edisto Beach, SC
Fire Island, NY
Folly Beach County Park, SC
Fripp Inlet, SC
Garden City, SC
Harbor Island, SC
Hog Inlet, SC
Hunting Island, SC
Isle of Palms, SC
Kiawah Island, SC
Kiawah River, SC
Moriches Inlet, NY
Litchfield Beach, SC
Murrells Inlet, SC
Myrtle Beach, SC
Nags Head, NC
North Myrtle Beach, SC
Oregon Inlet, NC
Pawley's Island, SC
Seabrook, SC
Smith Point, NY
Sullivans Island, SC

Professional Certifications

SSI-Certified Open Water Diver

Software Program Capabilities

HYPACK® 2014
Trimble® Business Center™
Microsoft Office