



LEWIS RANDALL FLENIKEN III

TECHNICAL ASSOCIATE

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PROFILE

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 centimeter-level accuracy. He is a CSE dive operations team member with experience in low to zero visibility and tidal currents. He is also experienced 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® R10 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.

EDUCATION

BS. University of Alabama
AS. Wallace Junior College

PROFESSIONAL CERTIFICATIONS

SSI-Certified Open Water Diver

SOFTWARE PROGRAM CAPABILITIES

- HYPACK® 2018
- Trimble® Business Center
- Microsoft Office

BATHYMETRIC & TOPOGRAPHIC DATA COLLECTION EXPERIENCE

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