

## Biography of Daniel Johnson PE CFM

Tidewater Environmental is a natural resources consulting firm specializing in providing innovative solutions to complex environmental issues. Services include wetland delineations and 404/401 permitting, coastal zone management, planning, and permitting; stream and wetland restoration and enhancement; wetland and stream mitigation banking; NEPA documentation; stormwater design and management; hydrologic modeling; multi-dimensional numerical hydraulic and sediment transport modeling; and floodplain management, mapping, and permitting. Tidewater works with a broad range of clients including the Department of Defense and other Federal agencies, various state agencies, local municipalities, and private landowners.

Daniel Johnson is a registered Professional Engineer with approximately 5 years of experience in the preliminary assessment, design, construction, and monitoring of stream and wetland restoration projects; urban stormwater management; field data collection; sediment transport analysis; hydrologic modeling; floodplain management; and multi-dimensional hydraulic modeling. Daniel is a graduate of Clemson University (BSCE) and earned a Master of Environmental Engineering and Science (Water Resources Concentration) at the University of Tennessee. His thesis research evaluated the performance of CCHE2D, a two-dimensional sediment transport model, in a Cumberland Plateau mountainous stream reach with complex morphology and coarse substrate. He has experience with a range of USACE, USDA and EPA approved models including: HEC-RAS, HEC-HMS, EPA SWMM, WinTR55, RUSLE2, CONCEPTS, AnnaGNPS, SMS RMA2, and SMS RMA4. Mr. Johnson's responsibilities at Tidewater Environmental include hydrologic and hydraulic numerical modeling, environmental permitting, and the design of stream and wetland restoration projects.

Mr. Johnson previously worked for Buck Engineering/Michael Baker Corporation (Charlotte NC) and Coastal Science & Engineering (Columbia, SC). While at Buck Daniel specialized in the design, construction, and monitoring of environmental restoration projects. He has designed, supervised the construction, and monitored the performance of several miles of restoration and stabilization projects in North Carolina and Tennessee. Mr. Johnson's responsibilities at Coastal Science & Engineering included numerical modeling of inlets and marina basins; collecting and post processing tide, bathymetric, and topographic data; and preparing annual beach monitoring reports.

Daniel Johnson PE CFM  
Project Engineer  
Tidewater Environmental Services  
PO Box 865  
Johns Island, SC 29457  
Office 843.762.3750  
Daniel@Tidewaterenvironmental.com  
<http://www.tidewaterenvironmental.com/>