

Professional Profile

Devin J. Santa, P.E., SECB
President



Qualifications

Education

M. Eng. Old Dominion University, Norfolk, VA
Civil (Coastal) Engineering

B.S. Northeastern University, Boston, MA
Civil (Structural) Engineering

Professional Registration and Licensure

Professional Engineer: CT, NY, NJ, MA, RI, IL, PA, FL
Certified Project Management Professional (PMP)®
Certified Hydrographer - American Congress of Surveying & Mapping
Board Certified Structural Engineer (SECB)
USCG 100-Ton Near Coastal Master License
PIANC Corporate Member

Professional Affiliations

American Society of Civil Engineers (ASCE)
Current Board Member CT Marine Trades Association (CMTA)
Former Member Stratford Harbor Management Commission
Former Director CT Harbor Mgmt. Association (CHMA)

Conference Speaking Engagements & Papers

"Re-thinking USACE Standards An Ecologically Balanced Approach to Structured Shorelines" Panel Member - Presented at Restore America's Estuaries Conference 2017

"Wading Through the Murky Waters of Risk and Design for Marinas" Panel Member – International Marina & Boatyard Conference 2017

"Planning a Successful Dredging Project" Presented at the International Marina & Boatyard Conference 2015 & 2017

"Understanding FEMA Coastal Flood Hazard Mapping & Modifications" Presented at the Connecticut Association of Land Surveyors Annual Meeting 2013

Mr. Santa has more than 20 years of coastal and structural engineering experience. His professional career includes the management of large design programs which have included: rehabilitation of waterfront structures; development and design of marina facilities; design of residential, commercial, and industrial marine facilities; beach nourishment; coastal structures and shoreline stabilization; dredging and dredged material disposal; regulatory permitting; and marine construction. He is a certified Project Management Professional (PMP)® for his demonstrated experience, performance and education in achieving project objectives.

As a Professional Engineer, he has performed feasibility studies, coastal structure condition inspections, hydrographic surveying, design and preparation of construction documents for steel, concrete and timber bulkheads, stone revetment and breakwater structures, and design of marina and mooring facilities. He is proficient with numerical design applications typically used for coastal and structural engineering and hydrographic surveying and dredging design programs including but not limited to: HYPACK, Land Development Desktop, software normally employed for FEMA coastal flood analyses (CHAMP), and industry standard pile and bulkhead design software.

Mr. Santa maintains comprehensive knowledge and expertise in beach and shoreline surveying, hydrographic surveying and mapping, inspection and design of coastal structures, design and improvement of marina and yacht club facilities, and related marine construction expertise. His academic and professional experience has been focused in structural and coastal engineering. This experience has successfully been applied in the design of timber, steel, and concrete bulkhead structures, foundation structures exposed to tidal and wave induced load conditions, vessel mooring systems, jib crane and travel-lift facilities, pile foundation and anchor pile systems, and related waterfront structures. He has obtained numerous permits in L.I.S.

Mr. Santa employed his extensive on-the-water experience gained as a licensed Captain to assist clients in the optimization of marine facility layout, including vessel hauling & launching facilities. His wide-ranging expertise in hydrographic surveying & mapping contributes significantly to the numerous dredging, channel design, and navigation and mooring facility design projects by RACE. Mr. Santa has provided expert testimony regarding marina facility design and mooring facility planning and function and is recognized as an expert in the design of those facilities. Mr. Santa has served on the Town of Stratford Harbor Management Commission and as a Director of the Connecticut Harbor Management Association. He is currently a board member of the Connecticut Marine Trades Association.

