



June 15, 2017

Jill Pietropaolo Earns PE

RACE Coastal Engineering is pleased to announce that Jill Pietropaolo has passed the Connecticut Professional Engineers exam. **RACE** now has 10 Professional Engineers on staff.

Jill earned her undergraduate degree at Villanova University in Civil Engineering. She holds a Masters in Coastal Engineering from the University of Delaware where she conducted research at the Center for Applied Coastal Research. She has worked for **RACE** for the past five years where she employs her advanced skills in coastal modeling, coastal engineering and related tasks.

Jill develops hydrodynamic load conditions, assesses coastal flooding conditions at sites, and evaluates impacts of flooding and potential erosion on the design. She utilizes various coastal circulation and wave modeling programs within the Surface-water Modeling System such as CMS Wave and CMS Flow to provide our geotechnical and structural engineers with wave load conditions applicable for design of the waterfront structures. She excels at and enjoys doing the wave modeling simulations necessary for coastal protection and construction in the coastal zone.

Jill also performs feasibility studies and has obtained numerous authorizations from a wide range of regulatory agencies including FEMA Flood Insurance Rate Map (FIRM) revisions, CT DEEP, NYSDEC and USACE permits.

It is a significant accomplishment to pass the professional engineering exam both personally and professionally and this is a testament to Jill's passion for and dedication to Coastal Engineering. We hope you will join **RACE** in congratulating Jill on this exciting news.

