

Dr. Miller's bio –

Dr. Jon K. Miller is a Research Associate Professor of Coastal Engineering at the Davidson Laboratory of Stevens Institute of Technology. Dr. Miller also serves as the Assistant Director of the New Jersey Coastal Protection Technical Assistance Service and the New Jersey Sea Grant Consortium's Coastal Processes Specialist.

One of the primary foci of Dr. Miller's research is living shorelines projects and the application to shoreline stabilization and ecosystem restoration in the northeast. Dr. Miller developed the engineering guidelines for living shorelines projects within the state of New Jersey, and also coauthored the New Jersey Sea Grant Consortium's Dune Manual.

In New York, Dr. Miller has worked with the Hudson River Sustainable Shorelines Project as a member of the project, coordinating and advisory teams, and has authored or coauthored nearly a dozen reports on topics ranging from boat wakes to ice. Using this work as a guide, Dr. Miller created one of the first semester long engineering classes focused solely on the design of living shorelines projects.

Currently, Dr. Miller is working on two book chapters focused on the application of living shorelines projects in the northeast, with a focus on New York and New Jersey.