



**Philip Orton**

Research Assistant Professor  
Davidson Laboratory  
Stevens Institute of Technology  
Castle Point on Hudson  
Hoboken, NJ, 07030  
201-216-8095 (work)  
212-844-9009 (mobile)  
philip.orton@stevens.edu

Dr. Orton received his bachelor's degree in 1994 from University of Michigan and his master's degree in marine science from University of South Carolina in 1996, before taking an internship in Florida with USGS and a research associate position for six years in Oregon at a private research institute where he conducted oceanographic research. Returning to school he studied under Wade McGillis and Chris Zappa at Lamont and received his PhD in physical oceanography in 2010 from Columbia. Philip has published twenty articles in peer-reviewed journals, op-eds in The New York Times and other media, and has a science blog at <http://SeaAndSkyNY.com>. He specializes in coastal physical oceanography and storm surges in the New York City metropolitan area, is a technical team member of the NYC Panel on Climate Change (NPCC), and recently worked on NYC's Special Initiative on Rebuilding and Resilience after Sandy. His other research interests include air-sea interaction, turbulent mixing, sediment transport, carbon dioxide and ocean acidification, and relationships between ecosystems, climate and ocean physics. He is currently a research assistant professor at the Stevens Institute of Technology in Hoboken, NJ.