

Modeling the air-sea feedback system of Madeira Island

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Dr. Pullen is an Associate Professor in Civil, Environmental, and Ocean Engineering at Stevens Institute of Technology. She holds a joint appointment with Brookhaven National Laboratory and is an adjunct research scientist at Columbia's Lamont-Doherty Earth Observatory. She studies complex coastal air/sea interactions, those surrounding cities and mountains, utilizing high-resolution (<5 km) coupled ocean/atmosphere/hydrology models and observations from targeted field campaigns around the globe. Dr. Pullen has served on the steering team for field studies in urban air contaminant dispersion (Department of Homeland Security/Defense Threat Reduction Agency NYC Urban Dispersion Program) and tropical meteorology and oceanography (Office of Naval Research, PhilEx and PISTON programs).