

OCN/MET665

Small-Scale Air-Sea Interaction

Example Term Paper Topics

The effects of Leads and Polynas on Surface Fluxes and Atmospheric Boundary Layer Processes

A Review of Dissipative Heating in Hurricanes

The Effects of Rain on Ocean Surface Structure: An Investigation Using Synthetic Aperture Radar

Simulation of Sensible and Latent Heat Fluxes Using SSM/I Winds

A Comparison of 1D Mixed Layer Models and Their Applicability to the Western Equatorial Pacific

An Ocean Mixed Layer Model and the Response to a Cold Air Outbreak

Upper Ocean Response to a Storm Front: The Simple View of One-Dimensional Mixed Layer Models

The Effect of Rain on Surface Gravity Waves

Wind and Wave Forcings Within the WAVEWATCH III Wave Modeling Forecast

On How Islands can Trigger Unusual Air-Sea Interactions in the Trade Wind Boundary Layer: the Hawaiian Example