

Research Description:

The Atmospheric Properties and Effects section of the Naval Research Laboratory's Marine Meteorology Division (NRL-MMD) is searching for a Postdoctoral researcher, specializing in processing of scientific data, with a focus toward using modern machine learning techniques. The goal of this project is to combine weather satellite and model data in order to improve the short term forecasting of clouds and other weather conditions hazardous to U.S. Navy operations. The successful candidate will explore modern machine learning and statistical analysis techniques to provide the best possible environmental characterization using large, diverse datasets – including applying existing forecast skill metrics to novel prediction systems, and designing novel metrics to assist with forecast system development.

Lab Location:

Naval Research Lab Marine Meteorology Division, Monterey, CA

Advisor:

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