



Ocean Dynamics and Prediction Branch

Air-Sea Interactions and Machine Learning

The Naval Research Laboratory has openings for post-doctorate scientists to perform research on air-sea interactions, ocean dynamics, model diagnostics, model evaluation metrics, machine learning, and more! The overall goal of this postdoc opportunity is to advance Navy state-of-the-art ocean prediction systems and improve ocean forecast capabilities. High priority efforts presently include investigations of intraseasonal variability in the tropics, air-sea interactions across a variety of time scales, and machine learning applications for subseasonal to seasonal ocean forecasts.

Candidates with experience in oceanography, ocean modeling, wave modeling, ice modeling, coastal modeling, les modeling, machine learning, artificial intelligence, computational fluid dynamics, ensemble systems, HPC, MPI, applied mathematics, meteorology, physics, data analysis, numerical analysis, data assimilation, or satellite and in situ data processing are encouraged to apply.

This is an excellent opportunity to work with some of the best modelers and data analysts in the ocean community. The Naval Research Laboratory has access to major supercomputer sites in addition to excellent local computer resources. The laboratory at Stennis Space Center is collocated with the Naval Oceanographic Office and Fleet Numerical Meteorology and Oceanography Center, which is the largest national operational forecast center for oceanography.

For information on research publications within the NRL Nearshore and Coupled Model Systems Section of the Ocean Sciences Division, visit our google scholar page at:
<https://scholar.google.com/citations?user=YN0ZmsYAAAAJ>

Annual postdoctoral salary is \$79,363. Applicants must be a US citizen or US permanent residents at time of application. NRL is an equal opportunity employer. Send resume and references to:

Adam Rydbeck
NRL Code 7322
Stennis Space Center, MS 39529

e-mail: adam.rydbeck@nrlssc.navy.mil

NRL is an Equal Opportunity Employer



MINIMUM REQUIREMENTS

Security clearance is not required, but applicants must be eligible for a DoD Security Clearance.

JOB BENEFITS

The post doctorate programs at NRL offer benefits including health and life insurance.

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