



## Ocean Dynamics and Prediction Research Naval Research Laboratory

The Naval Research Laboratory has openings for Ph.D. researchers to advance capabilities in ocean data assimilation and probabilistic forecasting. This includes optimization of underwater, airborne and satellite observing systems, representation of ocean processes affecting temperature, salinity, and mixed-layer depth, uncertainty analysis in coupled systems, and ensemble and probabilistic ocean forecasting. High priority efforts presently include automated targeting for unmanned ocean observing systems, representing probability in ocean/acoustic systems, and forecast correction using satellite-observed surface heat fluxes. This long term work is developing cutting edge capabilities that transition to operational forecast centers.

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 the major supercomputer sites in addition to excellent local computer resources. The laboratory is colocated with the Naval Oceanographic Office, which is the largest national operational forecast center for oceanography.

An overview of some research projects and systems developed within the NRL oceanography division is available at [www7320.nrlssc.navy.mil/projects.php](http://www7320.nrlssc.navy.mil/projects.php).

We are seeking candidates for both post-doctoral and full-time positions. Annual salary ranges from \$61,000 to \$101,000 depending on experience. Applicants must be a US citizen at time of application. NRL is an equal opportunity employer. Send resume and references to:

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