



# Ocean Dynamics and Prediction Branch

## Marginal Sea Upwelling and Tides

The Naval Research Laboratory at Stennis Space Center, MS (NRL-SSC) is seeking applications for postdoctoral candidates in physical oceanography to expand our understanding of ocean dynamics important for increasing the forecast capabilities of the Navy's state-of-the-art ocean prediction system. The focus will be on investigating the dynamical processes that control the upwelling in the East China Sea and Yellow Sea (ECSYS).

In particular, this research is to determine the dynamics of upwelling related to tides and how it affects the water mass distribution in the ECSYS among other topics related to the upwelling. This position requires a broad understanding of physical oceanography and numerical ocean modeling. Regional versions of the HYbrid Coordinate Ocean Model (HYCOM) will be utilized extensively, so experience with HYCOM would be preferred.

The Naval Research Laboratory provides an opportunity to work with a large group of highly skilled and internationally recognized physical oceanographic researchers. We have access to excellent supercomputing and general computational resources in addition to extensive historical and real-time regional and global data sources.

For a quick overview of some of the research publications within the NRL Ocean Dynamics and Prediction Branch at Stennis Space Center and systems transitioned to operations, visit the web site: <https://scholar.google.com/citations?user=atCgUG8AAAAJ>

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:

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## **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.

**NRL is an Equal Opportunity Employer**

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