



Ocean Modeling/Prediction

Postdoc Position

Naval Research Laboratory, Stennis Space Center, Mississippi

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 **understanding the physical processes that control the time-varying nearshore coastal currents in the South China Sea and their interaction with the offshore deep currents and transient eddies entering from the Pacific.**

In particular, this research involves using numerical ocean models as tools to unravel the dynamics that control the South China Sea Warm Current, Kuroshio penetration and mesoscale eddy impacts on the coastal circulation, and the South Vietnam Offshore Current. This challenging work requires a **broad understanding of physical oceanography and numerical ocean modeling.** Global and basin-scale versions of the HYbrid Coordinate Ocean Model will be utilized extensively, so **experience with HYCOM would be beneficial, but not essential.**

NRL-SSC provides an opportunity to work with a large group of highly skilled and internationally recognized physical oceanography researchers and access to supercomputing and general computational resources in addition to extensive historical and real-time regional and global data sources. To learn more about the Ocean Dynamics and Prediction branch's other research projects, visit <http://www7320.nrlssc.navy.mil/projects.php>.

A postdoc will be hired with stipends of **\$79,720.00/year** through the National Research Council Research Associateship Programs (<http://sites.nationalacademies.org/pga/rap>) or American Society for Engineering Education Naval Postdoctoral Programs (www.asee.org/nrl). Applicant must be a **U.S. citizen or permanent resident at the time of application.** NRL is an equal opportunity employer. Project start date is 1 October 2018.

Inquires about the position should be made directly to:

Mr. E. Joseph Metzger

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Naval Research Laboratory – Stennis Space Center, MS