

Research Description:

The Naval Research Laboratory (NRL) Ocean Sciences Division is seeking applicants for a postdoc opportunity in physical oceanography and ocean acoustic prediction beginning in 2021.

The focus of this project is to develop and apply a predictive artificial intelligence (AI) model that provides extended range ocean forecasts.

Postdocs working on this project will have the ability to focus on a number of areas:

- (1) Developing an AI prediction system that utilizes deep learning.
- (2) Applying novel AI interpretation and visualization techniques to geophysical data.
- (3) Investigating the local and remote impacts of physical modes of ocean variability (subseasonal, annual, interannual, and decadal) relevant to various forecast horizons of the ocean environment.

Lab Location:

Naval Research Laboratory, Ocean Sciences Division
Stennis Space Center, MS

Advisor:

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