

NOAA-funded postdoc position at Oregon State University to use decades of environmental survey data to understand the influence of oceanographic processes on marine ecosystems and fisheries in the northern California Current

The College of Earth, Ocean, and Atmospheric Sciences at Oregon State University (OSU), in collaboration with the Fishery Resource Analysis and Monitoring (FRAM) Division at NOAA's Northwest Fisheries Science Center, is seeking a postdoctoral scholar to work with OSU and NOAA scientists to utilize extensive fisheries survey data to understand the influence of oceanographic processes on marine ecosystems and fisheries in the northern California Current Large Marine Ecosystem (CCLME). The postdoctoral scholar will be mentored by Professor Jack Barth and collaborate with NOAA scientists in the FRAM Division to identify and implement methodologies to process environmental datasets collected on existing NOAA surveys in the CCLME. The postdoc will also develop an end-to-end workflow for processing oceanographic data sets for future and other surveys. The postdoc will work collaboratively with OSU and NOAA scientists to apply best practices and standard methodologies to process these data and make them readily available for research and management within the CCLME. The postdoc will also collaborate with OSU and NOAA scientists to use these data sets to investigate oceanographic processes influencing marine ecosystems and fisheries in the CCLME. This position is part of the joint OSU-NOAA Cooperative Institute for Marine Ecosystem and Resources Studies.

Location: Oregon State University's Hatfield Marine Science Center, Newport, Oregon

Minimum qualifications:

- PhD in oceanography, fisheries or related field
- Strong quantitative skills
- Ability to process, organize and analyze environmental data
- Proficiency in a structured programming language such as python, Matlab, etc.
- Willingness for collaboration with students, other postdocs, and scientists
- Strong written and oral communication skills

Preferred qualifications:

- Research experience in marine ecosystem dynamics
- Experience processing, organizing and analyzing oceanographic data
- Research experience in the California Current or other oceanic eastern boundary current region
- A demonstrable commitment to promoting and enhancing diversity

The initial appointment will be for 1 year, with the possibility of renewal for a second year subject to satisfactory performance. Salary will be commensurate with experience.

The start date is negotiable but will ideally be before October 31, 2022.

Applications received by September 23, 2022, will be given full consideration.

Applicants please send, in a single PDF:

- (1) a cover letter describing academic experience, qualifications, and interest in the position;
- (2) a CV;
- (3) a list of relevant undergraduate and graduate classes; and
- (4) names, addresses, phone numbers, and email addresses of three professional references.

Applicants from underrepresented groups (including people of color, women, people with disabilities, and LGBTQ+ candidates) are strongly encouraged to apply.

Questions about the position and all application materials should be sent to Dr. Jack Barth at jack.barth@oregonstate.edu .