Postgraduate Opportunity in Marine Fisheries

Climate vulnerability assessment for marine fishes in the Gulf of Alaska

This opportunity is for a faculty research assistant, PhD student, or postdoctoral scholar to assess the vulnerability of major groundfishes to climate change in the Gulf of Alaska. The successful candidate will join the Integrated Marine Fisheries Lab at Oregon State University and participate in NOAA's Gulf of Alaska Climate Integrated Modeling (GOACLIM) project.

Project scope: The Gulf of Alaska (GOA) is undergoing rapid changes as a result of warming water temperatures and shifting community compositions. Despite potentially devastating socioeconomic implications, this region lacks information about stock-specific vulnerability to climate change – a necessary precursor for adaptive management. The person in this position will work with scientists at OSU and NOAA to address this fundamental need for climate vulnerability assessments (CVAs). This will include a novel extension of methods that were developed for a CVA in the eastern Bering Sea (Spencer *et al.* 2019). There may also be opportunities to develop original research questions designed to inform marine resource management and support climate resilience in the GOA.

The project is ideal for someone interested in working closely with stakeholders and combining a variety of methods (quantitative and qualitative) to support fisheries sustainability in the face of climate change. The work will involve substantial collaborations with different user groups.

Qualifications: A master's degree (or non-US equivalent) in marine science, ecology, statistics, fisheries, or related field is required. The successful candidate will be proficient in technical writing, familiar with quantitative and/or qualitative analyses, comfortable working with fishery stakeholders, and have experience with coding in R. Must be authorized to work in the United States.

Start Date: September 2024

Location: Hatfield Marine Science Center in Newport, OR. Commuting part-time from the Corvallis campus is possible. The student may also choose to reside in Seattle, WA and work from NOAA's Alaska Fisheries Science Center following completion of coursework at OSU.

Salary/Benefits: This opportunity provides 2 yr of funding. This includes an hourly wage or annual stipend, tuition and university fees (PhD students), healthcare, work-related travel, and publication costs. Additional support may be secured through grants, scholarships, fellowships, and/or teaching assistantships.

To Apply: Email a single pdf to cheryl.barnes@oregonstate.edu (subject: CVA PhD) with:
1) a cover letter describing your academic interests, relevant experience, and suitability for the position; 2) curriculum vitae; 3) unofficial transcripts; and 4) contact information for three references.

Application review will begin on May 6, 2024. The position will remain open until filled.

We place considerable value on diversity, equity, and inclusion. Those with underrepresented and/or historically marginalized identities will be supported and are encouraged to apply.