

Postdoctoral Researcher—How marine species life history and habitat requirements impact responses to climate change

We are accepting applications for a postdoctoral researcher that will be examining the role that habitat and species life history plays in geographic shifts of marine fish and invertebrates. This project will involve the analysis of existing long-term fisheries survey and environmental data from both the northeast and west U.S. coastal-marine ecosystems. The postdoc will be integrating multiple data sources to model species distribution at different life stages to better understand how life-stage specific habitat requirements, and also connectivity between life stages, might affect the vulnerability of a species to climate change. The postdoc will be housed at the Coastal Studies Institute (<https://www.coastalstudiesinstitute.org/>), which is located on the Outer Banks of North Carolina. For more information contact Jim Morley (morleyj19@ecu.edu; morleylab.com).

Applicants should have some combination of the following skills: (1) strong data manipulation abilities in a programming environment such as R, (2) statistical modeling experience including species distribution modeling, (3) experience analyzing long-term biological survey data, (4) ability to extract environmental data from a variety of web-based sources (e.g., ocean climate databases, GIS), (5) knowledge of the diversity of life history strategies for marine species, and (6) specialized knowledge of one or more of these large marine ecosystems: Gulf of Maine and Georges Bank, Mid-Atlantic U.S., or the West coast U.S. region (i.e., CA, OR, WA).

All applicants must apply through PeopleAdmin using the link below. Applications require a CV, cover letter, and names and contact information of 3 references. Funding is for a 2-year position, with potential for a third year depending on progress and skill set.

Closing date: 09/25/2020

For the full job advertisement and to apply: <https://ecu.peopleadmin.com/postings/37375>