

## **POSITION ANNOUNCEMENT**

Marine Soundscape Scientist

### **About the Position**

The Northeastern Regional Association of Coastal Ocean Observing Systems (NERACOOS) is hiring a Marine Soundscape Scientist to establish and grow a portfolio of work related to acoustic data collection, analysis, visualization, and engagement in the Northeastern U.S.

### **Responsibilities**

#### Data Analysis

- Conduct multivariate analyses of existing Gulf of Maine acoustic data and produce regional baseline metrics. Identify opportunities to integrate these baselines with other environmental information generated through the regional observing system, data products, and models as informed by end-user needs.

#### Integration and development

- Pilot new analysis tools to integrate sound data with other Gulf of Maine observation variables, including region-wide measurement and model output, prioritizing those focused on establishing baselines or detecting change in ecological parameters affected by the region's changing climate.
- Facilitate, manage, and support efforts aimed at integration and visualization of soundscape information across the Gulf of Maine with other physical and biological ocean observing data.
- Identify collaborative opportunities to integrate acoustic monitoring into the ocean observing system for long-term monitoring of the Gulf of Maine.

#### Community outreach and engagement

- Engage with the ocean science community to develop a baseline understanding of the Gulf of Maine informed by soundscape information.
- Educate stakeholders and the public on the informatics of ocean sound.
- Compile and understand user needs for accessing, visualizing, and applying acoustic data, information, and metrics.

- Other duties and responsibilities as needed.

### **Qualifications**

- Doctoral degree in a relevant field of science, with a preference for ecological modeling, data integration, data science and/or acoustics. We will also consider candidates with a master's degree plus especially unique or extensive relevant experience.
- Excellent communication skills including technical report writing, popular communications, and grant proposal development.
- Experience in stakeholder outreach and engagement, or strong willingness and potential to develop engagement skills.
- Demonstrated strategic thinker and leader.
- Some knowledge and experience with deploying passive acoustic monitoring.

### **Thinking about applying?**

If you're reading this and you have some of the qualifications listed, we encourage you to apply! Let us know how your experience and passion make you the right person for this job.

### **About NERACOOS**

NERACOOS is an independent non-profit 501 (c)(3) organization that is one of eleven regional associations comprising the U.S. Integrated Ocean Observing System, working from Long Island Sound to the Gulf of Maine. We believe that everybody should have the information they need to advance resilient communities, economies & marine ecosystems. To that end, we serve people by creating, organizing, and sharing information about the ocean. We work in ways that are science-based, policy-neutral, and collaborative as we strive to meet the needs of ocean-reliant communities.

### **Position Type**

This is envisioned as a full-time (40 hours/week), FLSA Exempt position at NERACOOS, although we will consider a contractor or PI located at another institution. Funding is committed for three years with potential to extend based on performance, demonstrated need, and additional fundraising success.

### **Salary Range**

\$100,000 - \$115,000 annual salary, dependent on experience, plus benefits including

paid time off and health insurance.

### **Work Location and Hours**

The NERACOOS office is located in Portsmouth, NH, along with coordinated and supported teleworking. A remote location in New England will be considered for the right candidate. Standard business hours are Monday through Friday 9:00 am to 5:00 pm, although the position will require regular travel throughout New England up to 15% of the time and periodic work on weekends and in the evening as conferences, workshops, and other engagement opportunities dictate.

### **How to Apply**

Submit CV, 1-page cover letter, and contact information for three professional references as a PDF to Rob Cardeiro (rob@neracoos.org). The search committee will review applications beginning November 30, 2023, and will continue until the position is filled.

*NERACOOS is an equal opportunity employer. We encourage applications from people of all backgrounds. For more information visit [www.neracoos.org](http://www.neracoos.org)*