

About SECOORA

The Southeast Coastal Ocean Observing Regional Association (SECOORA) is a regional non-profit organization based in Charleston, South Carolina. SECOORA works with stakeholders within the four southeastern states – North Carolina, South Carolina, Georgia, and Florida – to monitor our coasts and ocean. SECOORA provides coastal and oceanographic data and products to communities, state and Federal agencies, and industries within the region. SECOORA is one of 11 Regional Associations working in partnership with the [Integrated Ocean Observing System \(IOOS\) Program Office](#), other federal agencies, and interested stakeholders in the public and private sectors to build and operate our Nation’s coastal and ocean observing capabilities.

About the Position

Over the past five years, SECOORA and partners have successfully piloted and transitioned to operations a coastal webcam network for the Southeast US. The network, known as [WebCOOS](#), streamlines the collection, storage, and access to real-time and historic webcam imagery and enables image analysis and development of derived products that can be used for decision-making. The WebCOOS infrastructure is being leveraged to scale up to a national webcam network and provide a transformational, cost-effective, multi-use observing network with all of the other [IOOS Regional Associations](#) (RAs) as partners.

SECOORA is seeking to hire a WebCOOS Project Manager to lead this multi-year project to expand and operate a national webcam observing network. This position will serve as the primary logistics and operations coordinator for the expansion to a national network. This will involve working with RAs across the country to identify existing cameras for ingestion, scoping out locations for new cameras and assisting with installation, working with SECOORA’s data manager to ingest and QA the data streams, and performing project management tasks such as reporting and contract reviews.

Primary Responsibilities

Technical components:

- Assist IOOS Regional Associations (RAs) with installation and operation of up to 30 web cameras across the US (travel will be required).
- Develop location and video metadata and assist with integrating webcams into the WebCOOS data management system.

- Perform regular QA/QC on streaming data troubleshoot operations and maintenance and video data transmission issues.
- Develop, with SECOORA's data manager, community-reviewed standard operating procedures for webcam installation, data pipeline and management protocols, FAQs, and Getting Started guides.
- Travel to individual RAs to test technical documentation, document example uses, and train RAs on the entire process, from location identification through product delivery.
- Serve as a liaison between the Principal Investigators (PIs) and the data managers to get machine learning algorithms and products applied to video streams and displayed via webcoos.org.

Project Management Components:

- Manage contracts to assure implementation of overall project goals and objectives, and compliance with subawards and contracts.
- Notify the project PIs of any needed changes in tasks, timelines, or budgets.
- Schedule, plan, and facilitate monthly team meetings.
- Plan and support technical workshops (SECOORA staff will provide logistical support for hotels, food, etc.).
- Develop progress reports and a transition plan for funding agency.
- Support proposal development for additional funding as opportunities arise.
- Work with SECOORA's communications director to develop outreach products and website content.

Minimum Qualifications and Required Expertise

- B.S. or advanced degree in a relevant field of marine science or engineering. We will also consider candidates with an Associate's Degree and unique or extensive relevant experience.
- Technical and practical knowledge of web cameras, particularly with data streams and experience installing web cameras.
- Interest and experience in organizing project teams.
- Able to work within the framework of a diverse, region-wide network.
- Ability to perform work remotely.
- Motivated self-starter with ability to work independently and as part of a team.
- Detail-oriented with strong analytical, organizational, documentation, and planning skills.
- Capable of working and communicating with both technical and nontechnical colleagues.
- Have a willingness and ability to travel to support RA camera installations and to attend and support workshops and meetings.

Position Type

This is a full-time (40 hours/week) position. Funding is committed for three years with potential to extend based on additional funding. This position can be hired as an employee or a contractor. Applicants should identify their preference in their cover letter. If the applicant prefers a contractor role, please list the hourly rate in the cover letter. Compensation will be



commensurate with experience, estimated in the \$65,000 to \$80,000 annual salary range for employees; full benefits including medical, paid vacation, and contribution to an individual retirement account.

Work Location and Hours

This position is fully remote. Ideally the successful candidate will be located in the Southeast U.S. Standard business hours are Monday through Friday 9:00 am to 5:00 pm although the position will require regular travel up to 30% of the time. Job duties may require periodic work on weekends and evenings as fieldwork, workshops, and other engagement opportunities dictate.

Application Instructions

Submit resume (3 pages maximum) and 1-page cover letter (all as PDF) to Debra Hernandez (debra@secoora.org). Contact information for three professional references will be requested after interviews with the top candidates. **The search committee will review applications beginning August 21, 2023, and will continue until the position is filled.**

Equal Employment Opportunity Employer

SECOORA provides equal employment and contractor opportunities. SECOORA prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws.

