

REQ08678 Postdoctoral Fellow Oceanographic/Environmental Data Science (Open)

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**Position Summary:**

Florida Atlantic University is seeking a Postdoctoral Fellow Oceanographic/Environmental Data at the Harbor Branch Oceanographic Institute campus in Fort Pierce, FL. This position will be based in the Geochemical Sensing Lab and the candidate will work closely with Dr. Jordon Beckler, other members of the Geochemical Sensing Lab, and members of other labs involved in related research projects.

The candidate will be involved in a collaborative harmful algal bloom study at Lake Okeechobee and will be responsible for the organization, development, and implementation of a database, associated data visualization products, and processed data products (e.g. statistics and model results).

**Summary of responsibilities:**

Serve as primary project contact for data-related matters between project partners and agencies. Ensure all data generated through the project is appropriately archived and disseminated via a designated public data portal.

Coordinate cooperative field trips to collect water, sediment, and soil samples, and to deploy/service autonomous instrumentation, with the opportunity to participate occasionally. Routinely assist lab members with sample processing following field sample collection, which will involve after-hours work.

Transform data using community standards and best practices.

Develop Data QA/QC Plans, maintain accurate data records, ensure data are compliant with QA standards, and regularly update database.

Process data to construct visualizations and perform statistical analyses. The postdoctoral scientist is expected to report findings in scientific journals and be an active collaborator, essentially leading the data synthesis (modeling will be conducted by other staff members, so this position primarily regards statistical analyses).

Assist with budgeting, literature research, and writing proposals, manuscripts, and reports.

Establish friendly relationship with members of the media to increase project awareness.

**Minimum Qualifications:**

Ph.D. from an accredited institution in Oceanography, Geochemistry, Chemical Oceanography, Biological Oceanography, Data Science, Library and Information Science, or related area of specialization by time of application required.

Past experience working in oceanographic or environmental research labs on grant-funded projects.

Experience in manipulation of large sets of disparate data. Experience with Matlab, Python, Machine Learning, and/or software development is preferred.

Some lab experience preferred, particularly with water and sediment sample processing.

Excellent project management skills and capable of meeting project deadlines.

Individual must be motivated, organized, and be able to work independently and as part of a team.

Occasional flexible hours are expected, including potential evening and weekend schedules as required for project needs.

A valid Florida driver's license is required or the ability to obtain a Florida driver's license within 30 days.

Ability to lift up to 50 pounds.

**Salary:**  
\$52,000

**College or Department:**  
Harbor Branch Oceanographic Institute

**Location:**  
Harbor Branch (HBOI)

**Work Days and Hours:**  
N/A

**Application Deadline:**  
2020-06-01-07:00

**Special Instructions to Applicant:**  
This position is open until filled and may close without prior notice.

All applicants must apply electronically to the currently posted position on the Office of Human Resources' job website (<https://fau.edu/jobs>) by completing the required employment application for this recruitment and submitting the related documents.

The site permits the attachment of required/requested documentation. In addition to completing the online application, please upload the following: a cover letter, curriculum vitae, and copies of official transcripts scanned into an electronic format.

PLEASE NOTE: A maximum of five (5) documents may be attached to your application. If more than five (5) documents are required for submission, please combine additional documents into one attachment to not exceed the maximum permitted.

Degrees from outside the United States must be validated by an organization belonging to the National Association of Credential Evaluation Service (NACES), with an indication of the documents the evaluation was prepared from (official transcripts, diplomas, dissertation abstracts). The evaluation should be scanned and electronically attached to one's application as with other US-based transcripts.

Prior to appointment, the candidate must submit official, sealed transcripts from all institutions where graduate coursework was attempted, whether or not a degree was obtained, as well as an original NACES evaluation, if applicable. Transcripts must be issued to Florida Atlantic University not to you as the student.

A background check will be required for the candidate selected for this position. This position is

subject to funding.

Individuals requiring accommodation, please call 561-297-3057. 711

This position is funded with recurring grant funds with an expiration date on November 30, 2021.  
Renewal of funding is anticipated; however, not guaranteed