

Laboratory and Field Manager, Virginia Institute of Marine Science

<https://jobs.wm.edu/postings/63872>

The Laboratory and Field Manager manages the day-to-day activities of [Dr. Matt Kirwan's wetlands program](#), including coordination of field and lab efforts and independent research at the [Virginia Institute of Marine Science](#) in Gloucester Point, VA. Potential responsibilities include:

- Lead our long-term monitoring of coastal ecosystems across the mid-Atlantic (e.g., elevation and soil surveys, forest and marsh vegetation surveys, water quality measurements, basic data analysis).
- Guide students and other members of the lab in basic field and laboratory skills, and assist in project design and presentation (e.g. sediment core analyses, undergraduate student mentoring).
- Work on multiple projects and participate in cross-organization collaborations.
- Logistics and administrative support (e.g. purchasing, travel, data management, preparation of materials for publications, presentations, and stakeholders/partners)
- Independent research in response to fast-moving strategic opportunities that leverages applicant's expertise.

Required Qualifications

- B.S. degree in Geology, Biology, or an interdisciplinary field such as Environmental Science
- Experience collecting biophysical measurements in challenging field environments.
- Experience conducting basic laboratory procedures (e.g. analyzing sediment cores, drying and weighing plants).
- General knowledge of coastal systems, including a mix of biological and geological processes.
- Strong interpersonal skills and demonstrated ability to guide students or other groups of people.

Preferred Qualifications

- Advanced Degree (MS or above) in a related field or 2 years of equivalent experience.
- Experience in coastal environments that may include stratigraphic methods, plant identification, hydrology, agriculture and forestry methods, project design, sensor deployment, or isotope analyses.
- Experience leading multi-day trips in strenuous conditions.
- Experience working with multiple stakeholders (e.g. citizens, land managers, policy makers, project partners).
- Operation of boats, unmanned aircraft (i.e. drones), RTK GPS equipment.
- Analytical skills that include statistics, numerical modeling, or GIS/remote sensing.
- Strong oral and written communication skills, as evidenced by scientific presentations and publications.
- Strong organizational skills that may include data management.

William & Mary values diversity and invites applications from underrepresented groups who will enrich the research, teaching and service missions of the university. The university is an Equal Opportunity/Affirmative Action employer and encourages applications from women, minorities, protected veterans, and individuals with disabilities.

For more details see job posting link above or contact Matt Kirwan kirwan@vims.edu. Applications will be reviewed starting on March 3, 2025.