



**Research Assistant - Arctic Eddy Covariance Flux
Falmouth, Massachusetts
link to apply: <https://bit.ly/3sqKLEq>**

SUMMARY:

We seek a Research Assistant to contribute to the establishment of a new Arctic carbon monitoring network, which will include the establishment of new eddy covariance monitoring sites across the Arctic-boreal region and coordination and support for existing flux sites. The Research Assistant will work closely with collaborators and Woodwell scientists to develop the monitoring network, including establishing new flux sites, maintaining new and existing sites, and downloading quality checking and analyzing data. This position is part of a larger project to monitor and forecast Arctic-boreal carbon fluxes. The successful candidate will work within a highly collaborative environment and be supported by a strong project team including process modelers, remote sensing experts, field scientists, a project manager, and communications and policy experts.

Responsibilities:

- Work closely with Project Scientists and collaborators to establish new eddy covariance flux sites and provide support for existing sites as needed to ensure data continuity and coverage
- Travel internationally to establish and maintain eddy covariance flux sites for several 2-3 week-long trips per year
- Assist with collection, processing, quality checking, and archiving of eddy covariance flux data
- Assist with purchasing, construction, installation, and maintenance of eddy covariance and other micrometeorological instruments
- Troubleshoot, maintain, and calibrate instrumentation to maximize data quality and coverage
- Assist with data analysis
- Coordinate with research personnel, including PIs, station managers, technicians, and research assistants

Desired Qualifications and Experience:

- Bachelor's or master's degree in Biogeochemistry, Earth System Science, Environmental Science, Ecology, Atmospheric Science, or a related field, or equivalent experience
- Experience working with and troubleshooting scientific or technical equipment
- Competence with scientific computer software and basic data analysis, experience with R statistical language a plus
- Experience setting up and maintaining eddy covariance instrumentation, and collecting, processing, and synthesizing eddy-covariance flux data a plus
- Experience with remote power systems (solar, wind, etc.) a plus
- Knowledge of Arctic carbon cycling, Arctic ecology, and/or climate change research a plus, but not required
- Excellent interpersonal, teamwork, and communication skills
- Valid U.S. driver's license
- Excellent organization and documentation skills

Application review will be ongoing.

Desired Start Date: Start date is flexible, summer 2022.

Classification and Compensation: This is a fixed-term, salaried, exempt position. The salary range is \$46,000 - \$60,000 depending on experience. This is a one-year fixed-term appointment, from June 13, 2022, through September 15, 2023, with the possibility to extend based on funding and performance. Woodwell offers a generous benefits package and values a healthy work life balance.

Location: Based in Falmouth, Massachusetts with international field work.

Application Instructions: To apply, please send your cover letter addressing your experience and qualifications in relation to the responsibilities of this position, curriculum vitae, and contact information for three references as a **single PDF** to our careers portal. Incomplete applications will not be reviewed. Please type **Research Assistant - Arctic Eddy Covariance Flux** on all correspondence.

Located on a 10-acre campus near the village of Woods Hole, Woodwell Climate Research Center is a private, non-profit research center. Woodwell is a leading source of climate science that drives the urgent action needed to solve climate change. Woodwell has 80+ staff members and is excited to welcome new employees to this work.

Woodwell is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, mental, or physical disability, age, sexual orientation, gender identity, national origin, familial status, veteran status, or genetic information. Woodwell is committed to providing access, equal opportunity, and reasonable accommodation for all individuals in employment practices, services, programs, and activities.

Diversity, Equity and Inclusion at Woodwell
WE NEED ALL VOICES IN THE FIGHT AGAINST CLIMATE CHANGE

Climate change is the greatest challenge of our lifetimes. Woodwell Climate Research Center (Woodwell) understands that the climate crisis—from causes to consequences—is inextricably linked with persistent social injustice. Effectively addressing either requires addressing both. The climate crisis demands that we bring to bear all the knowledge, expertise, innovation, and creativity that we can collectively muster, and those who have been marginalized and disproportionately impacted must be heard.

The work Woodwell does—the questions we ask, the ways we seek answers, and the strategies we put forward—is stronger when shaped by a diversity of knowledge, perspectives, and experiences. We strive to welcome, respect, and amplify differing voices. We value individuals as they are, with all their differences in race, age, ethnicity, gender identity, sexual orientation, religious beliefs, language, and mental and physical abilities.

Woodwell acknowledges that our organization, and the scientific community more broadly, have a long way to go in living up to these ideals. We approach the work of improving our organization with the same ambition and commitment to systemic change that we bring to addressing climate change.

We will inevitably make mistakes, but we will continue to listen, learn, and do this critical work. We understand that this work requires an ongoing commitment from each and every one of us. We are actively engaged in building and sustaining an equitable and inclusive culture within our organization, and in fostering greater diversity in climate science.