POSITION SUMMARY: We seek a postdoctoral researcher to collaborate on a project focused on carbon cycling in arctic and boreal environments. The postdoctoral researcher will lead the field component of this project, which includes extensive field-based research in the Yukon Kuskokwim (YK) Delta, Alaska. The successful candidate will work closely with a team of scientists at the Woodwell Research Center and collaborators at other institutions to integrate the field observations with synthesis, remote sensing, and modeling data; contribute to the development of a web-based visualization platform; and engage the scientific community and other stakeholders at workshops and other venues.

Responsibilities:
Advance understanding of the processes driving tundra carbon fluxes in the context of permafrost thaw and wildfire.
Work closely with research team to design field campaigns to examine the drivers and magnitude of terrestrial and aquatic carbon fluxes in the YK Delta.
Conduct research in a remote field site.
Lead field measurements that include plant community composition, terrestrial ecosystem carbon and nutrient pools, aquatic chemistry, and CO2 and CH4 fluxes from aquatic and terrestrial ecosystems using chamber-based and eddy covariance methods.
Coordinate field- and lab-based research activities, including oversight of project research assistants.
Engage with scientists, policy makers, and other stakeholders at workshops and meetings.
Synthesize, present, and publish results.

Qualifications and Experience:
Ph.D. (granted or expected soon) in Earth System Science, Ecology, or a related discipline.
Experience leading a large field-based research campaign.
Knowledge of arctic tundra carbon cycling (CO2 and CH4).
Expertise with eddy covariance methodology is strongly desired; experience and willingness to learn new techniques and methodologies is required.
Excellent interpersonal, teamwork, written, and verbal communication skills.
Demonstrated record of publication in scientific journals.
Ability to lead a research project and independently develop new directions.
Experience or interest in interacting with stakeholders (e.g., policy makers, community members, natural resource managers) is strongly desired.

Application Deadline: July 9, 2021
Desired Start Date: July 2021

Classification and Compensation: This is a full-time, salaried, exempt position. The salary range is $60,000 to $65,000. This is a two-year fixed-term position with the potential to extend. Woodwell offers a very generous benefits package.

Location: Falmouth, Massachusetts.
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 careers@woodwellclimate.org. Incomplete applications will not be reviewed. Please type SNPD-21 in the subject line.

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 60+ staff members, and attracts some of today’s top experts on global climate change science.

Woodwell Climate Research Center 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’s 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 of 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.