Position available: Postdoctoral Associate
Forest and Fire modeling
[Forest Futures Lab](#)
Starting salary: $70,000 - $85,000
Location: Millbrook, NY, hybrid or remote work will be considered.

Postdoctoral Position: Modeling 21st-century boreal forests and fire. As part of a multi institution NSF project, The Forest Futures Lab at Cary Institute of Ecosystem Studies seeks a postdoctoral associate to project future fire and ecosystem dynamics in the boreal forest of western North America with a state-of-the-art simulation model. Specifically, the postdoctoral associate will use simulations to assess the fire, forest, and topographic characteristics that render boreal ecosystems vulnerable to state shift after fire and project 21st-century carbon storage and forest landscape change. The successful candidate will be mentored by Dr. Winslow Hansen and will work with a vibrant team to conduct ensemble simulations in a cluster environment; analyze and interpret model output; and communicate research orally and through peer-reviewed journal articles. Successful candidates will be provided opportunity to pursue their own interests and ideas in a nurturing and supportive lab environment. Cary Institute of Ecosystem Studies is the world's premier think tank on ecosystem science. It is a uniquely collaborative and welcoming institution. The successful candidate will be provided resources for travel related to the project and will have many opportunities for professional development beyond the project. For additional information on the Forest Futures Lab, visit http://forestfutureslab.org/. For additional information about Cary Institute of Ecosystem Studies, visit https://www.caryinstitute.org/.

Duration: This is a full time, exempt, fully benefitted position for one year and is renewable for an additional year contingent upon successful performance. Salary starts at $70,000- to $85,000 per year depending on experience based on a fixed scale. It also includes a highly competitive benefits package. Start date is October 15, 2024 at the latest.

Location: Millbrook, NY but hybrid or remote work will be considered for the right candidate.

Qualifications: Did you know most successful candidates do not meet all qualifications? If you have some of these skills, please consider applying. Applicants must have completed a Ph.D. in forest ecology, disturbance ecology, biogeochemistry, ecosystem modeling, or a related field prior to appointment. The ideal candidate will have experience or familiarity with ecosystem or landscape dynamics; fire ecology, carbon cycle science, analyzing big ecological datasets in R or python; and/or will have experience with working in a cluster computing environment. Excellent written and oral communication skills are preferred.

To Apply: Please complete [an online application](#) at http://www.caryinstitute.org/whoweare/jobs. As a single PDF, please also upload a cover letter that describes your current and future research interests, your CV, and the names and contact information of three references using the upload resume link on the application website. We will begin to review applications immediately as they are submitted, but the position will remain open until filled. All candidates must be authorized to work in the U.S. Finalist candidates must successfully complete a post-offer, pre-employment background check.

The Cary Institute is an Equal Employment Opportunity (EEO) and Affirmative Action (AA) employer. It is our policy to provide equal employment opportunities to all qualified applicants without regard to race, color, religion, sex, sexual orientation, gender identity or expression, national origin, age, familial status, protected veteran or disabled status, or genetic information.