Cary Institute
of Ecosystem Studies

Positions available: Postdoctoral Associate
Forest carbon modeling,
Forest Futures Lab

Postdoctoral Position: We seek two postdoctoral research associates to develop realistic estimates of current and future carbon storage in forests of the Northeastern United States and western North America. Specifically, the postdoctoral associates will use USDA Forest Inventory and Analysis permanent plot data and forest simulations to 1) quantify carbon stocks and rates of sequestration in forests and harvested wood products over the last two decades, 2) identify the social and biophysical drivers of spatial and temporal variation in forest carbon storage, and 3) develop projections of potential future carbon storage in forests under scenarios of climate change. The postdoctoral associates will join a vibrant and growing team at the Forest Futures Lab based at Cary Institute of Ecosystem Studies. 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 candidates 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. The position includes salary plus benefits. Salary is commensurate with education and experience. Start date of June 2022 is preferred.

Location: Millbrook, NY. Remote work is a possibility for exceptional candidates but not preferred.

Qualifications: Applicants must have completed a Ph.D. in forest ecology, forestry, disturbance ecology, ecosystem modeling, or a related field prior to appointment. The successful candidates will have demonstrated expertise in complex geospatial analyses in R or Python, experience working with USDA Forest Inventory and Analysis plot data, and past experience working in a cluster computing environment. Excellent written and oral communication skills will be essential. Exceptional candidates will also have experience with forest economics or ecosystem modeling and knowledge of carbon offset programs, forests as natural climate solutions, or forest carbon policy.

To Apply: Please complete an online application at http://www.caryinstitute.org/who-we-are/jobs or (link). As a single PDF, please also upload a cover letter, CV, one-page statement of research interests, and the names and contact information of three references using the upload resume link on the application website. We will begin to review applications February 11th but will consider all applications submitted through February 18th. All candidates must be authorized to work in the U.S. as Cary does not sponsor visas. Finalist candidates must successfully complete a post-offer, pre-employment background check. There is also a mandatory vaccination policy for Cary employees. Position reports to: Dr. Winslow Hansen and Dr. Charles Canham.

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.