Post-doctoral research associate examining forest adaptation opportunities and benefits across Northern Forest region

The University of Vermont, Rubenstein School of Environment and Natural Resources and USDA Forest Service Northern Research Station are seeking a post-doctoral scientist to conduct research examining the potential for forest adaptation and restoration plantings to sustain and enhance forest habitats and associated carbon benefits across the Northern Forest region, including the upper Great Lakes and northeastern US. The postdoctoral scientist will join a multidisciplinary team of collaborators from the University of Vermont, U.S. Forest Service Northern Research Station, and University of Minnesota to integrate regional and national inventories and remotely sensed data to determine potential for forest restoration following disturbance, climate change, and invasive species impacts. The position will also work with project collaborators and partners to develop outreach materials that identify best practices for adaptation plantings and areas with greatest potential for enhancing carbon and biodiversity benefits. The position is available for Fall 2021 and includes two years of guaranteed funding with the potential for extension.

The ideal candidate will have a Ph.D. in forest science, forest ecology, forestry, quantitative ecology or a related natural science field. Given the emphasis on large, multi-temporal and spatial datasets, candidates should have demonstrated data management, statistical, and programming skills. Experience with general aspects of forest ecology, carbon science, biodiversity conservation, and silviculture is also preferred. Applicants should be able to work independently, but also cooperatively with other researchers. Experience with USDA Forest Inventory and Analysis Data and other large datasets is preferred.

Interested applicants should send a statement of research interest and goals, resume/CV, three relevant reprints or pre-prints, and names and contact information for three references to Dr. Anthony D’Amato (awdamato@uvm.edu). Review of applications will begin July 16, 2021.

Questions can be directed to Dr. Anthony D’Amato (awdamato@uvm.edu, 802-656-8030)