

Post-doctoral research associate addressing forest carbon monitoring and modeling at the national scale

The University of Minnesota, Department of Forest Resources and the USFS Northern Research Station are seeking to fill up to two postdoctoral scientist positions to conduct research in support of the US National Greenhouse Gas Inventory of forests (i.e., LULUCF chapter).

The postdoctoral scientist(s) will work on a multi-disciplinary team to achieve two main objectives: 1) refine models of forest carbon pools (e.g., belowground biomass) and associated dynamics (e.g., effect of disturbances on forest carbon flux), and/or 2) explore alternative post-stratification schemes using LANDSAT change products for informing forest carbon baselines.

Preferred start date is Summer 2014. Position is funded by USDA Forest Service and NASA's Carbon Monitoring Systems for up to two years and is located in St. Paul MN.

Qualifications: Ph.D. in biometrics, applied ecology, forestry, silviculture, biology or a closely related field. Given the emphasis on modeling exercises using large datasets, candidates should have demonstrated data management and statistical skills. 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.

Application Instructions: Applications and required documents must be submitted online at the University of Minnesota Employment website:
<https://employment.umn.edu/applicants/jsp/shared/Welcome_css.jsp>https://employment.umn.edu/applicants/jsp/shared/Welcome_css.jsp, requisition189812. Attach a cover letter, statement of interest and goals, resume/CV, three relevant reprints or pre-prints, and names and contact information for three references.

Specific questions about the position should be directed to Dr. Anthony D'Amato (<<mailto:damato@umn.edu>>damato@umn.edu), Dr. Chris Woodall (<<mailto:cwoodall@fs.fed.us>>cwoodall@fs.fed.us), and/or Dr. Grant Domke (<<mailto:gmdomke@fs.fed.us>>gmdomke@fs.fed.us).

Deadline for receiving applications is April 15, 2014.