



# EMPLOYMENT OUTREACH NOTICE

U.S. DEPARTMENT OF AGRICULTURE,  
FOREST SERVICE  
NORTHERN RESEARCH STATION

The Northern Research Station (NRS) Forest Inventory and Analysis (FIA) program is filling up to 2 postgraduate research associate positions through Oak Ridge Associate Universities, Inc. (ORAU) in support of research and reporting activities in the Carbon Science Group. These positions are to start as soon as possible.

## POSTGRADUATE RESEARCH ASSOCIATE

### About the Positions

These positions are postgraduate, temporary, not to exceed 5 years, full-time and must be a U.S. citizen. The positions may be negotiated for remote work outside of the NRS 20-state footprint. If hired in St. Paul, MN the positions are eligible for flexible telework arrangements. Government housing and moving expenses are **not** available.

The FIA program is responsible for compiling estimates of the land base along with estimates of greenhouse gas (GHG) emissions and removals for the forest land category, woodlands, and harvested wood products in the U.S. each year as part of the National Inventory Document submitted to the United Nations Framework Convention on Climate Change. The postgraduate research associate positions will serve within a team tasked with developing annual GHG inventories based on extensive forest inventories, models, and remotely-sensed information. The incumbents primary responsibilities will be to formulate and conduct research to estimate the land base and carbon stocks and stock changes – using national forest inventory and auxiliary information (e.g., remotely sensed products, climate data, trait data) – for forest ecosystems and harvested wood products in the U.S.

The incumbents should have a M.S. and/or Ph.D. in forest science or a closely related field (e.g., soil science, ecology, statistics) along with demonstrated research experience in forest inventory and sampling, forest carbon dynamics, land use and land use change assessments, and/or ecological modeling (e.g., soil organic carbon, dead wood, harvested wood products). Research assignments require a diversity of experience and technical skills (e.g., GIS, programming [R, SQL, Java, Python], statistics).

## **About the Northern Research Station**

The Northern Research Station serves a 20-state region composed of the Northeast and Midwest. Headquartered in Madison, Wisconsin, the Station improves people's lives and sustains natural resources through research and development. NRS has approximately 304 employees, including 107 scientists, at 23 field locations and 22 Experimental Forests. More information on the Northern Research Station is on our website: <http://www.nrs.fs.usda.gov>

## **About the Program**

The NRS-FIA work unit is one of four units that, combined, make up the national FIA program ([www.fia.fs.usda.gov](http://www.fia.fs.usda.gov)). The FIA program is charged with designing, implementing, and analyzing surveys of the nation's forest resources and it has been doing so since the 1930s. The NRS-FIA unit is tasked with these changes for 24 states – the area of the NRS plus the four Great Plains states.

### **OUTREACH NOTICE**

#### **Northern Research Station-Forest Inventory and Analysis**

Postgraduate Research Associate

Location: St. Paul, MN \*location may be negotiated

Respond By: 05/01/2024

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