



## OUTREACH NOTICE

National Forest System  
Forest and Rangelands Management and Vegetation Ecology  
**Forester / Mathematical Statistician**  
**GS-0460/1529-11/12**  
Permanent Full Time Positions  
Duty Station: Fort Collins, CO

The Forest Service Washington Office (WO) Forest and Rangelands Management and Vegetation Ecology Staff is seeking candidates for up to two permanent forester or mathematical statistician positions; one with the Forest Measurements staff and one with the Forest Vegetation Simulator (FVS) Staff. This notification is being circulated to inform prospective applicants of the upcoming opportunity and to determine interest in the positions. These positions are being advertised merit government-wide.

### The Positions

These positions are within the Forest Management Service Center (FMSC), which is staffed with biometric and mensuration specialists possessing skills not available at most regional and forest level offices. The FMSC is considered an extension of each region's technical staff and manages highly complex growth and yield, timber cruising, and scaling software. Users include field technicians, district silviculturists, forest planners, regional measurement specialists, field cruisers, researchers, and people from many other disciplines. Support of these programs includes training, user support, project assistance, software testing, and documentation.

The Forest Measurements staff supports the timber sale program by providing subject matter experts in the areas of cruising, scaling, volume estimation, and area determination. See the website [Forest Products Measurements](#) for more information. This position is for the timber cruising subject matter expert. Duties include support of the National Cruise Programs, assisting regions with training and other projects related to timber cruising, and technology transfer. This involves interaction with employees of the Forest Service as well as other federal agencies, state agencies, private landowners, and others. Well-developed interpersonal and communication skills, strong mathematical abilities, and knowledge of forest products timber program, especially in sale preparation, are essential. Familiarity with National Cruise Programs are helpful.

The Forest Vegetation Simulator (FVS) is the USDA Forest Service's nationally supported framework ensuring national consistency in the modeling of vegetation growth and yield. See the web site [Forest Vegetation Simulator \(FVS\)](#) for more information. This position supports the FVS model and its users. Duties include model development, training, and user support. This involves interaction with employees of the Forest Service as well as other federal agencies, state agencies, universities, and others. Well-developed interpersonal and communication skills, strong mathematical and statistical abilities, and knowledge of forest management concepts are essential. Familiarity with forest dynamics modeling, ability to understand computer code, and proficiency with the R statistical package are helpful.

### The Duty Location

The FMSC is a sub-staff of the Forest Service National Forest System, Forest and Rangelands Management and Vegetation Ecology Staff in the WO but the duty location is Fort Collins, CO. However, your input will be valuable to help shape how and where this position will be advertised. Depending upon the extent and type of responses, other potential duty station locations are presently under consideration, including Washington, DC; Salt Lake City, Utah; Missoula, MT; and Denver, CO. **Please note your duty location preference in your response.**



### **The Ideal Candidate**

- Knowledge of forestry concepts and management practices.
- Good mathematical and statistical skills.
- Excellent problem-solving abilities.
- Desire to work remotely with software users, including people outside the Forest Service.
- Well-developed communication and team skills.
- Proficiency and desire to teach others.
- Willingness to help test software modifications prior to release to the public.
- Ability to be flexible and open to change.

### **Additional Desired Knowledge or Interest in Learning for Measurements Position:**

- Experience using the National Cruise Programs, including Cruise Manager, Cruise Processing, Cruise Design, and FScrusier. Knowledge of the Version 3 software is a plus.
- Experience as an Advanced Cruiser. Check cruiser experience a plus.

### **Additional Desired Knowledge or Interest in Learning for FVS Position:**

- Experience using the Forest Vegetation Simulator software, including the ability to help identify the cause of problems in simulations.
- Familiarity with SQLite databases
- Experience with the R statistical package
- Familiarity with forest inventory concepts and procedures.

### **How to Apply for the Outreach**

If you are interested in this position, please respond in the outreach database by **July 10, 2023**. Please note that all responses must be submitted by clicking one of the following links:

Internal Forest Service Candidates:

<https://apps.fs.usda.gov/hrm/outreach/Outreach?id=BC7E33EE1C84492C82F7D6F255232399>

External Candidates: <https://fsoutreach.gdcii.com?id=BC7E33EE1C84492C82F7D6F255232399>

If you are having technical issues responding to this notice, please reach out to Scott Kincaid at [sm.fs.nfsrecontrch@usda.gov](mailto:sm.fs.nfsrecontrch@usda.gov).

For questions regarding the duties of the Measurements position, please contact Ken Cormier at [kenneth.cormier@usda.gov](mailto:kenneth.cormier@usda.gov).

For questions regarding the duties of the FV position, please contact Michael Vandyck at [michael.vandyck@usda.gov](mailto:michael.vandyck@usda.gov).

### **Important Reminder**

As a courtesy, we make every effort to notify respondents via email when a vacancy announcement opens. However, the best way to get notifications of job openings is setting up alerts in USAJobs. We recommend having alerts sent to an email address that you can always access, such as a personal email, so notifications aren't missed when you are out of the office.



*If you would like to sign-up to receive notifications of future NFS opportunities, please click [here](#).*

*By completing the request form, we will use the email you provide to send you notifications of all outreach notices for NFS. You can unsubscribe at any time by emailing: [sm.fs.nfsrecoutrch@usda.gov](mailto:sm.fs.nfsrecoutrch@usda.gov).*