

# Forest Health Monitoring Program Monthly Update - Supplement September 18, 2015

## Job Opportunities

**The U.S. Forest Service, Rocky Mountain Research Station, Inventory and Monitoring** is currently advertising a Statistician position (GS-1530-12) with the Inventory and Monitoring team. This is a full-time, permanent position with a duty station in one of the following locations: Falcon Heights, MN; Portland, OR; Newtown Square, PA; Knoxville, TN; or Ogden, UT. As a Statistician, this position serves as a coordinator for a quality assurance (QA) program within a large national program. Employee leads the program toward uniting separate QA systems into one consistent package for efficient national implementation. Duties: Facilitates consistent national implementation of the USDA Quality Assurance (QA) plan; Develops a comprehensive system of quality assurance that spans the planning of data collection and analysis, the repeatability and precision of field measurements, the models/equations used to estimate and summarize forest attributes, and the statistical techniques used to summarize and report on forest characteristics; Develops a consistent, standardized QA system that will be agreed upon and used in all units or sub-regions; Assures consistent and accurate reporting and presentation of data and to recognize disparities between comparable reports; Plans, coordinates, and executes statistical studies of marked complexity using metadata analysis; applies modeling techniques and procedures; develops mathematical algorithms; writes statistical computer programs; designs and performs computer simulations; analyzes data using probability statistics and trend analysis; designs sample surveys; and modifies established methods. This includes, but is not limited to, knowledge of: linear, nonlinear, and nonparametric models; computing efficiencies for application of statistical procedures over large remotely sensed datasets; statistical package applications; and state-of-the-art statistical graphical displays; Writes statistical computer programs, analyzes data, develops mathematical algorithms, and applies modeling techniques and procedures. Designs and performs computer simulations; Trains program staff and other interested stakeholders in QA concepts and various implementation strategies. Trains personnel in quality assurance/control concepts for data collection methods and statistical analysis techniques and provides assistance as necessary. Assists the different regions in the preparation and implementation of region-specific QA protocols. For additional information about the position, including how to apply, view the [full vacancy announcement](#) on the [U.S. Office of Personnel Management website](#). The job announcement number is 15-RES-154653DP-AL and the open period is **Wednesday, September 16, 2015 to Thursday, September 24, 2015**. *USDA is an Equal Opportunity Employer.*

**The Oregon Department of Forestry (ODF)** is seeking a permanent, full-time Forest Pathologist, at the Natural Resource Specialist (NRS) 4 level, to fill a critical vacancy in the Forest Health Section. This notification is being circulated to provide information on the position and to alert prospective applicants of the upcoming recruitment. **If you are interested in the position, please send your name and email address to [jim.cathcart@oregon.gov](mailto:jim.cathcart@oregon.gov).** The duty station is the ODF headquarters in Salem, Oregon where the prospective candidate will work with a team that includes a forest entomologist, forest health survey and monitoring specialist, invasive species specialist, and a forest management technician. The position is non-supervisory. The primary duties of the position are to provide statewide professional forest pathology expertise and leadership in the Forest Health Section of the Private Forest Division's Cooperative Forestry Unit, reporting to the Cooperative Forestry Manager. The Forest Pathologist is responsible for all forest pathology functions including: design and execution of detection, monitoring and evaluation surveys (including aerial survey); planning and managing forest disease management projects; evaluating hazard trees in developed recreation sites; providing technical assistance to clients (inside and outside of the agency) on identification of forest health problems and management solutions; preparation and distribution of reports on forest health data, and; conducting analyses and applied research relating to insects, diseases, and other agents affecting the health of Oregon's forests. Strong field sampling, statistical analysis of natural resource data, technical writing and proficiency with geographic information systems are highly preferred skills. Frequent overnight in-state travel is required as well as sustained physical exertion while working in a field environment during all types of weather. Out-of-state travel to regional, national, and international meetings is required. A Master's degree or higher in pathology and a minimum of 2 years of experience working in forestry or related field is preferred. The position requires the ability to work in rough, uneven terrain typical of western forest environments, and to differentiate normal forest colors so as to identify tree mortality indicators or other damage. This position is housed within the Forest Health Section of the Private Forests Division which implements programs supporting the Board of Forestry's and Oregon State Legislature's policies on: (1) the regulation of forest operations on non-federal forest lands, (2) technical and financial assistance in the management of private non-industrial forest lands, (3) promoting the development of urban forests and Tree City programs, and (4) monitoring and minimizing the incidence and severity of native and non-native forest insects and diseases on Oregon's forests. The Forest Health Section is an integral component of the Division and is focused on detection and monitoring of forest health conditions and the agents that affect them, participating in early detection and treatment programs for priority native and non-native insects, diseases, and plants affecting forest ecosystems, and providing technical assistance to professional forest managers, landowners, and the public. For more information about ODF, visit the [ODF website](http://www.oregon.gov/odf/Pages/index.aspx) (<http://www.oregon.gov/odf/Pages/index.aspx>) or for questions about this position contact Alan Kanaskie @ 503-945-7397 or [alan.kanaskie@oregon.gov](mailto:alan.kanaskie@oregon.gov). To receive notification when the recruitment is opened, please provide your name and email to Jim Cathcart ([jim.cathcart@oregon.gov](mailto:jim.cathcart@oregon.gov)); Mail: Attn: Jim Cathcart, Cooperative Forestry Manager, Oregon Department of Forestry, 2600

State Street, Building D, Salem, Oregon 97310; Phone: (503) 945-7493; Fax: (503) 945-7490. Responses will be accepted until which time the position is formally advertised; which is expected to be on or around **October 1, 2015**.

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**FHM**  
**INFORMATION**

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