

Forest Health Monitoring Program Monthly Update February 2011

NEWS ABOUT FHM PARTNERS

The Eastern Forest Environmental Threat Assessment Center (EFETAC) is pleased to announce recent upgrades to the Template for Assessing Climate Change Impacts and Management Options (TACCIMO), an interactive, web-based tool that provides users opportunity to integrate current climate change science into land management planning decisions. TACCIMO Version 2.0 features:

- *An enhanced Geographic Information Systems (GIS) feature* - TACCIMO links text with data maps, charts, and climate model projections in a GIS environment. Users can generate a standardized report highlighting trends in temperature and precipitation for any state, county, or National Forest in the contiguous United States and can easily examine these trends with the aid of an accompanying graphing tool.
- *An expanded Forest Service land and resource management plan database* - TACCIMO users can explore forest plans for all National Forests east of the Mississippi River. The forest plans can be directly linked to TACCIMO's database of climate change impacts or used as independent resources.
- *An expanded climate change science database* - TACCIMO users can generate customized reports based on an extensive database of direct climate change impacts and management options derived from peer reviewed literature. TACCIMO's climate change science database is constantly growing and is responsive to user requests and needs.

The TACCIMO development team offers demonstrations and customized training sessions for specific user groups and needs. Additionally, TACCIMO will be featured at two upcoming workshops: the Environmental Protection Agency's "Integrated Modeling to Characterize Climate Change Impacts and Support Decision Making" and the Society of American Foresters' "National Workshop on Climate and Forests: Planning Tools and Perspectives on Adaptation and Mitigation Options." More information about these events is available at <http://www.forestthreats.org/news-events>. Please visit <http://www.forestthreats.org/tools/taccimo> to learn more about TACCIMO. For additional information and to participate in demonstration and training sessions, please contact Steve McNulty at (919) 515-9489 or by email at steve_mcnulty@ncsu.edu and Emrys Treasure at (919) 515-9490 or by email at etresure@fs.fed.us.

UPCOMING
EVENTS

(Items beginning with * indicate a new listing or new information added)

March 22-23, 2011. Milford, PA. The 73rd annual meeting of the Northeastern Forest Pest Council (Covering forest insects, diseases, and weeds in the northeastern U.S. and eastern Canada since 1939) will take place from 22-23 March 2011 at the Hotel Fauchère (401 Broad Street Milford, Pike County, PA 18337 USA). Student Symposium submissions are due by February 25th. The registration deadline is March 1st. Highlights of the first day include a field trip to the Delaware Water Gap National Recreation Area and The Gerald N. Lanier Graduate Student Symposium. The day will wrap up with The Kodachrome Slide Parade, an evening social in honor of Kodachrome film—any attendee is invited to present one or two slides (film slides) related to forestry, forest health, entomology, pathology, or invasive weeds with brief comments. The second day will include a full day of presentations on topics that will include current forest pest situations in member states and provinces; deer impacts on forest health, pest monitoring and management; communication of forest health issues; and forest insect biological control. Registration details and further information are available on-line: <http://forest.umaine.edu/northeast-forest-pest-council-meeting/>.

May 3-5, 2011. Lexington, KY. Joint Meeting of the 2nd Kentucky Invasive Species Conference and the 13th Annual Southeast Exotic Pest Plant Council Conference. This meeting will encompass topics related to the research, management, outreach, education, and policy of invasive species in the eastern and central regions of the United States. Contributions in the following major areas are welcomed: (1) Ecology of invasive species and their impact on ecosystem functions and processes, (2) Invasive species management, and (3) Invasive species education and policy. Deadline for oral and poster presentation abstracts was February 7, 2011. Please submit your abstract electronically via <http://invasives2011.org>, including the following information (1) type of submission – Oral Presentation or Poster, (2) title of the submission, (3) the author(s) and their affiliations, (4) corresponding author's mailing address, telephone number, fax number, and email address, and (5) abstract (250 words or less). The conference will publish electronic proceedings. All presenters are encouraged to submit a full-length paper. All presentations will be published online unless a waiver form is signed. Questions may be directed to Songlin Fei at songlin.fe@uky.edu. Complete conference information is available at <http://invasives2011.org>.

JOB **OPPORTUNITIES**

The USDA Forest Service, Rocky Mountain Research Station is currently advertising a Research Ecologist/Forester GS-0460 or 0408 – 12/13 position. This a full-time permanent position located in Ogden, UT. The scientist serves as a Research Forester or Research Ecologist in the Rocky Mountain Research Station Research Work Unit FS-RMRS-4801, Inventory and Monitoring Program (Forest Inventory and Analysis). The duties include the following: identifies, monitors, and explains changes in the quantity, productivity, sustainability, and use of regional forest resources; develops new analytical approaches, concepts, and techniques for evaluating traditional and non-traditional inventory data, such as urban forestry data, invasive species data, fuels data, etc.; evaluates the relationship of changes in forest health to compositional, structural, and site characteristics (to include climatic and edaphic factors) of forest stands; conducts the full scope of research, including problem identification, development of hypotheses, study plan development, conducting the research, and reporting research results through a variety of outlets; develops strategic partnerships with other Forest Service programs, universities, and other agencies to advance the mission of the Forest Inventory and Analysis (FIA) program; provides consultation on the use and analysis of FIA and other data to users within and outside of the FIA program (e.g., academic, state, other federal, and Non-Government Organizations); serves on Station, regional and national committees, work groups, and task teams formed as needed to address technical issues within the FIA program. This position is open to the public (vacancy number TA11-22531638-0278DP) and to status candidates (vacancy number TA11-22531638-0278G). The open period for this position is Thursday, January 27, 2011 to **Wednesday, February 16, 2011**. See the full announcement including instructions for applying at www.usajobs.opm.gov. *USDA is an Equal Employment Opportunity Provider and Employer.*

The USDA Forest Service, Pacific Northwest Region, R-6, is currently advertising a Supervisory Biologist GS-0401012 position. This is a full-time permanent position located at the Dorena Genetic Resource Center in the Umpqua National Forest located in Cottage Grove, OR. The primary duties of the position are to: perform the administrative and human resource management functions relative to the staff supervised; plan, schedule, and assign work to subordinates; establish guidelines and performance expectations for staff members; provide feedback and periodic evaluations of employee performance; provide advice, counsel, and/or instruction to staff members; recommend or approve appointments, selections, or reassignments to positions appropriate to the selection authority delegated; effect disciplinary measures as appropriate to the authority delegated in this area; carry out Equal Employment Opportunity (EEO) policies and program activities; participate in, coordinate, and/or manage natural resources programs and projects; provide advice and assistance on

forestry resource management policies and practices in order to manage forestry resources so that they are utilized in the combination that will best meet the present and future needs of the public; participate in, coordinate, and/or manage agency programs and projects; provide information about agency policies, procedures, and guidelines regarding forest resource management; seek guidance from other professional scientists on work assignments as needed, provide guidance to lower-level staff members, or provide guidance for others working in the same field or areas of technical expertise. This position is open to status candidates (vacancy number 11-06150005-3551G-pk). The application deadline is **February 28, 2011**. See the full announcement including instructions for applying at www.usajobs.opm.gov. *USDA is an Equal Employment Opportunity Provider and Employer.*

The USDA Forest Service, Pacific Northwest Region, Forest Health

Protection Westside Service Center will soon be advertising a vacancy for a GS-13 Plant Pathologist, to be located in Sandy, OR. The specialist serves as an expert pathologist on a six-person Team providing technical advice, assistance, and guidance on forest health issues to federal and tribal land managers in NW Oregon and Western Washington. The Team includes specialists in plant pathology, hazard and danger tree management, entomology, and aerial survey coordination and oversight. The position is non-supervisory, and will closely coordinate pathology program activities with another GS-12 plant pathologist Team member. The incumbent provides leadership and an advanced level of plant pathology expertise; and coordinates and implements a complex program using an ecosystem-based approach for forest pathogen and disease detection, evaluation, prevention, and control. Primary responsibilities include the following: serves as an expert advisor on plant pathology and forest health protection covering a broad geographical area, across multiple federally administered lands; in conjunction with Team members, coordinates pathogen detection, technical assistance, funding resources, evaluation, prevention, and suppression programs within Service area; in conjunction with Team members and Regional staff, develops, strengthens, and implements the Service Center hazard and danger tree programs, including training of management and field personnel on awareness, evaluation, management, and monitoring of hazard and danger trees; provides expertise in invasive plant pathogens and associated issues affecting the Service area; serves as a vital link between research scientists and field personnel on emerging issues and approaches in the plant pathology arena, and incorporates “state-of-the-art” science appropriately into a resource management framework; interacts and coordinates with State, university, and Regional/National staff on significant plant pathology issues and programs transcending Service area boundaries. If you are interested in this position, please use the response form attached to this Update (Attachment 1) to express your interest by **March 4, 2010**. You can send your response to Beth Willhite by e-mail to bwillhite@fs.fed.us or mail it to: Beth Willhite, 16400 ChampionWay, Sandy, OR 97055. This is just a pre-announcement. Please do not send application materials including resumes and transcripts at this time.

When the position is advertised, the announcement will be posted on the Office of Personnel Management web site www.usajobs.opm.gov and will include instructions and a list of required application materials. The announcement will contain all of the information you need to apply for the position. *USDA is an Equal Employment Opportunity Provider and Employer.*

The USDA Forest Service, Northeastern Area State and Private Forestry, Office of the Morgantown Field Representative is seeking to fill one GS-0414-11/12 Entomologist position. This is a permanent position stationed at the Morgantown Field Office in Morgantown, WV and will be open to candidates internal and external to the Forest Service. GS-11 level employee salaries begin at \$57,408 and GS-12 level employee salaries begin at \$68,809. Grade and salary are dependent upon qualifications including education and experience. This employee will serve as part of a team providing technical advice, assistance and guidance on various forest health and forest entomology issues to state and federal cooperators throughout the Mid-Atlantic States. The position combines technology transfer and various field surveys and interactions with diverse stakeholders. The position will have an emphasis upon forest health, ecological impacts, and risk to pest outbreaks. The Morgantown Field Office is one of three field units of the Northeastern Area State and Private Forestry (www.na.fs.fed.us). The field office delivers both forest health and forest management programs (stewardship, urban/community forestry) to the Mid-Atlantic States. The Forest Health staff services 3 National Forests and other Federal sites within the mid-Atlantic region including the National Park Service, Department of Defense, and the US Fish and Wildlife. The Morgantown Field Office of State and Private Forestry is co-located with the Northern Research Station. The Northeastern Area of State and Private Forestry serves 20 states (Minnesota south to Missouri, over to New England, down to West Virginia and west again to Missouri) which includes 43% of the nation's population and 23% of the nation's forests, of which 93% are nonfederal. The huge land base is part of the challenge and the excitement of working in a productive and highly regarded State and Private Forestry unit. Non-native insect and disease invasive species early detection, cooperative pest detection surveys, urban forest health, and invasive plants are part of the workload in the Northeastern Area. The Morgantown Field Office encounters major complex forest pest issues including: beech bark disease, emerald ash borer, hemlock woolly adelgid and several major defoliators including gypsy moth. To express interest in this position or for additional information please contact via email Daniel Twardus, Forest Health Group Leader at dtwardus@fs.fed.us or 304-285-1545. When the position is advertised, the announcement will be posted on the Office of Personnel Management web site www.usajobs.opm.gov. *USDA is an Equal Employment Opportunity Provider and Employer.*

The Minnesota Department of Natural Resources Division of Forestry is currently advertising a Forest Health Specialist position. This is a full-time permanent position located in St. Paul, MN. This position exists to manage the

Forest Health Programs and the Urban and Community Forestry Programs in the Central Region and to lead the Hazard Tree Training programs statewide. The Natural Resource Regional Forestry Specialist will: collaborate with the State Forest Health Implementation Team to design, develop, and implement a comprehensive Minnesota Forest Health Program, which offers training, materials, and assistance to Department of Natural Resources staff; provide administrative and technical oversight of the Region Forest Health Program; develop and manage the Urban and Community Forestry Program; design, coordinate and implement forest health surveys and assessments; develop, analyze and interpret forest health information and management strategies to ensure management and the public is informed through public presentations, radio, television, news articles and scientific publications; develop and deliver educational/informational resources and publications to various audiences to integrate and implement ecosystem-based pest management practices and educate selective and proper use of pesticides; coordinate training activities with other divisions and agencies. Operational Support: monitor the work of Forestry Area Staff; develop and deliver educational programs/materials; train natural resource staff in the administration and implementation of forestry programs. Formal Training: Complete formal Division of Forestry classroom and field training sessions as assigned. Frequent travel is required to implement the Forest Health Program across the entire Central Region, and at times statewide. The closing date for this position is **February 18, 2011**. View this position at: https://statejobs.doer.state.mn.us/JobPosting/View?_posting=11DNR000022. You can view all job postings at <http://www.careers.state.mn.us/>

PUBLICATIONS OF INTEREST

1. **Duehl, A.J.; Koch, F.H.; Hain, F.P.** 2011. Southern pine beetle regional outbreaks modeled on landscape, climate and infestation history. *Forest Ecology and Management*. 261(2011): 473-479.

FOR MORE FHM INFORMATION

Visit the FHM homepage: www.fs.fed.us/foresthealth/fhm/
or access via the USDA Forest Service homepage at www.fs.fed.us

OUTREACH RESPONSE FORM
Mt. Hood National Forest

Send your response form by **March 4, 2011** to Beth Willhite - by email, fax, or mail
email : bwillhite@fs.fed.us
fax: 503-668-1423 (please also phone (503-668-1477) or email to notify of fax transmission)
address :Mt. Hood National Forest
Attn: Beth Willhite
16400 Champion Way
Sandy, OR 97055

It is anticipated that the vacancy announcement will be posted on OPM's USA Jobs website (www.usajobs.opm.gov).

PERSONAL INFORMATION

Name: _____

Internet Address: _____

Telephone Number: _____

Are you currently a Federal Employee? Yes ____ No ____

If yes, name of Agency _____

Current Duty Location: _____

Current Position (title/series/grade): _____

Current type of appointment: Permanent _____ Temporary _____

If no, Current Position: _____

Current Location: _____

Name of Current Employer _____

Eligible for Other Hiring Authority (check one), such as:

30% Disabled Vet _____ Reinstatement Eligible _____ Peace Corps _____

Handicap Authority _____ Other (describe) _____

Thank you for your interest in our vacancy!