
Forest Health Monitoring Program
April Monthly Update
April 13, 2007

Recent Happenings

Evaluation Monitoring Synthesis - One of the recommendations of the National Forest Health Monitoring (FHM) Review was to conduct a synthesis of Evaluation Monitoring (EM) Projects. Michael Bohne, FHM Coordinator for the Pacific Southwest Region, has been detailed to the Washington Office for the months of April and May to help with the EM Synthesis. The purpose of this effort is to summarize EM results by key issues and compile a searchable database of EM products. The synthesis will be an important tool in determining the future direction of this critical component of the FHM Program. We are looking for any information on EM projects from principal investigators, including progress reports, papers, posters and other supporting documentation, especially products that are not currently listed in the FHM bibliography (http://fhm.fs.fed.us/pubs/misc/biblio_90_06.pdf). We are specifically interested in examples of technology transfer from EM projects. To contribute information for the EM Synthesis or for more information, please contact Michael at mbohne@fs.fed.us or 703-605-5348.

Upcoming Events (items beginning with * indicate a new listing or new information added)

June 5-8, 2007. Austin, TX. The 2nd National Oak Wilt Symposium. Presented by the Texas Chapter, International Society of Arboriculture, in cooperation with the Texas Forest Service, Texas Agricultural Experiment Station, Texas Cooperative Extension, Lady Bird Johnson Wildflower Center, Texas Nature Conservancy, and USDA Forest Service, Forest Health Protection. Oak wilt researchers and management specialists from across the United States will come together to present the latest findings about the biology and management of this devastating tree disease. Topics will include: the genus *Quercus* and the genus *Ceratocystis*; oak wilt biology and host-pathogen relationships; oak wilt impacts in different regions of the U.S.; oak wilt vector relationships; modeling oak wilt on a landscape scale; managing inoculum sources on a landscape scale; impact on the endangered golden-cheeked warbler; wounds as infection courts for oak wilt; hypovirulence as a potential biocontrol; suppression tactics, including trenches and trench inserts; microinjection of fungicides and movement in trees; chemical control from both arborist and industry perspectives; longevity of propiconazole injections for preventing oak wilt; USDA Forest Service perspectives on oak wilt research and suppression; and other threats to oaks, including sudden oak death and bacterial leaf scorch. For the latest information and to register for the meeting, visit the Texas oak wilt web page at <http://www.texasoakwilt.org>.

November 5-7, 2007. Montpellier, in southern France. The ForestSat'07 conference. This conference is intended to bring together remote sensing and geographic information specialists with foresters and other forest stakeholders to foster exchanges towards an operational and fruitful use of remote sensing techniques and products for forest applications. Previous conferences were ForestSat'03 held in Edinburgh, Scotland, and ForestSat'05 held in Boras, Sweden. Papers are expected on topics related to the development of remote sensing methods (mapping, assessment of biophysical parameters, change detection), and applications of remote sensing to forest resources assessment and indicators of sustainable management; forest functioning and carbon cycle; monitoring of the impacts of global change; landscape ecology; biodiversity. For more information including important dates, visit the ForestSat'07 conference home page at <http://forestsat07.teleDetection.fr>.

Publications of Interest

Logan, J.A.; Régnière, J.; Gray, D.R.; Munson, S.A. 2007. Risk assessments in the face of a changing environment gypsy moth and climate change in Utah. *Ecological Applications*. 17(1): 101-117.

Tkacz, B.; Moody, B.; Villa Castillo, J. 2007. Forest health status in North America. *TheScientificWorldJOURNAL*. 7(S1): 28-36. DOI 10.1100/tsw.2007.85.

Job Announcements

The Forest Service, U.S. Department of Agriculture, Research & Development will soon be advertising an Inventory & Monitoring Specialist position (GS-401-14/15 or GS 1301-14/15) with a duty station located in Arlington, VA. This position will help provide national leadership for the Forest Inventory and Analysis (FIA) program. The ideal candidate will have demonstrated skill in helping to plan, conduct, or review regional or national forest inventories and/or analyses of forest inventory information. Recent experience with geospatial analysis programs and satellite-based or aircraft-based remote sensing technologies will help an applicant rise above others who lack that experience. A strong academic background in forestry that included coursework in forest biometrics and remote sensing, or related quantitative sciences, is required. An advanced degree is a plus. So is evidence of recent training to keep analytical skills fresh. Work experience that demonstrates a progression of responsibilities from local to regional or national levels, with evidence of effective participation in and leadership of teams, provides the necessary foundation for success in this position. Persons interested in this position are encouraged to contact Dr. Richard Guldin, Director of Quantitative Sciences, Forest Service Research & Development, Washington, DC by email (rguldin@fs.fed.us) or telephone (703-605-4177 land; 703-201-7829 cell) or Dr. Gregory Reams, FIA National Program Leader (greams@fs.fed.us; 703-605-4189). They will be glad to answer any questions you may have and will make sure you get a copy of the web link to USA JOBS when the job is advertised. The United States Government does not discriminate in employment on the basis of race, color, religion, sex, national origin, political affiliation, sexual orientation, marital status, disability, age, membership in an employee organization, or other non-merit factor.

The University of Kentucky Department of Entomology (<http://www.uky.edu/Ag/Entomology>) is currently advertising for an Assistant Professor of Entomology, Insect Ecology, twelve month, tenure track appointment, research (80%), extension (20%). The successful candidate will develop a nationally recognized research program in an area related to the ecology and management of arthropod species in agricultural, forest, or urban environments. Areas of research emphasis could include: landscape ecology, spatial dynamics, arthropod dispersal, population, behavioral, evolutionary or molecular ecology, or the influence of invasive species on biodiversity. The individual will be expected to compete successfully for extramural research funding and mentor graduate students. The successful candidate will be expected to complement existing expertise in the Department of Entomology and collaborate with other faculty with similar research interests; e.g., the Kentucky Forest Health Task Force, the University of Kentucky Invasive Species Initiative, and the Tracy Farmer Center for the Environment. This position includes a 20% extension responsibility. The individual will coordinate the Cooperative Agricultural Pest Survey (CAPS) program for Kentucky, which is administered within the Department of Entomology. Responsibilities include the detection, documentation, dissemination, and integration of information on exotic invasive plant pests and weeds in Kentucky. The successful applicant must have a PhD in Entomology, Ecology, or a closely related field, with experience and/or training in applied entomology and ecology. Post-doctoral experience is desired. Demonstrated potential as both an independent researcher and as a member of a multidisciplinary team is desirable. Interest in outreach and extension is essential, and demonstrated experience interacting with clientele, stakeholders, and/or the general public is expected. Excellent organizational and communications skills, ability to use diverse analytical, molecular, and/or statistical tools to further research goals, and grant writing skills are expected. The application deadline is May 1, 2007 or until a suitable candidate is identified. For a complete description including instructions for applying, visit <http://www.uky.edu/Ag/Entomology/enthp.htm> . The University of Kentucky is an Equal Opportunity Employer and encourages applications from minorities and females.

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