
Forest Health Monitoring Program
August Monthly Update
August 21, 2007

Recent Happenings

The Forest Health Monitoring program is requesting proposals for Fiscal Year 2008 Evaluation Monitoring projects. Evaluation Monitoring is a component of the Forest Health Monitoring program designed to determine the extent, severity, and causes of undesirable changes in forest health. We are also requesting proposals for Fiscal Year 2008 Intensive Site Monitoring (ISM) Projects. Intensive Site Monitoring is a component of the Forest Health Monitoring program designed to conduct rigorous evaluations of cause and effect relationships by establishing thresholds for indicators of forest health, by investigating strategies for prevention and mitigation of forest health problems, and by linking to studies on the fundamental processes that shape ecosystems. Proposals for Evaluation Monitoring and Intensive Site Monitoring Projects should be submitted by **September 28, 2007** to the FHM Regional Managers or designated person in the region: Jim Steinman for North East FHM Region (jsteinman@fs.fed.us), Manfred Mielke for North Central FHM Region (mmielke@fs.fed.us), Dale Starkey for Southern FHM Region (dstarkey@fs.fed.us), Jeri Lyn Harris for Interior West FHM Region (jharris@fs.fed.us), or Alison Nelson for West Coast FHM Region (asnelson@fs.fed.us). Please see additional instructions posted on the FHM website at: <http://fhm.fs.fed.us>.

Jim Steinman (FHM Regional Coordinator - U.S. Forest Service, Northeastern Area) (jsteinman@fs.fed.us) is the acting FHM National Program Manager until September 17, 2007. Jim will have this assignment while Borys Tkacz is out of the office on extended travel. During August Borys is attending a session entitled Leadership for a Democratic Society at the Federal Executive Institute in Charlottesville, VA. In early September he will be in Warsaw, Poland attending the European Congress of the International Union of Forest Research Organizations followed by meetings with scientists from Poland and other central European countries regarding monitoring of forest health and climate change.

Following is an updated list of members of the National Forest Health Monitoring Management Team, which discusses and plans program activities on a regular basis:

Borys Tkacz	National Program Manager for FHM	btkacz@fs.fed.us
Jim Steinman	FHP Northeastern Area	jsteinman@fs.fed.us
Manfred Mielke	FHP Northeastern Area	mmielke@fs.fed.us
Jim Brown	FHP Southern Region	jdbrown@fs.fed.us
Jeri Lyn Harris	FHP Rocky Mountain Region	jharris@fs.fed.us
Alison Nelson	FHP Pacific Northwest Region	asnelson@fs.fed.us
Mike Bohne	FHP Pacific Southwest Region	mbohne@fs.fed.us
Bill Bechtold	FHM Research Team Leader	wabechtold@fs.fed.us
Frank Sapio	National Director of FHTET	fsapio@fs.fed.us
Greg Reams	National Program Leader for FIA	greams@fs.fed.us
Doug Powell	NFS Monitoring & Evaluation Coordinator	dougpowell@fs.fed.us
Ed Barnard	Florida Division of Forestry, DACS	barnare@doacs.state.fl.us
Roger Burnside	Alaska Department of Natural Resources	roger.burnside@alaska.gov
Gail Durham	Nevada Division of Forestry, DCNR	gdurham@forestry.nv.gov
Dave Heinzen	Minnesota Department of Natural Resources	david.heinzen@dnr.state.mn.us
Kyle Lombard	New Hampshire Division of Forests and Lands	klombard@dred.state.nh.us

[FHP =U.S. Forest Service Forest Health Protection; FHTET = U.S. Forest Service Forest Health Technology Enterprise Team; FIA = U.S. Forest Service Forest Inventory and Analysis; NFS = U.S. Forest Service National Forest System; DACS (FL) = Florida Department of Agriculture & Consumer Services; DCNR (NV) = Nevada Department of Conservation and Natural Resources]

Please contact any of these members for more information about FHM Program activities described on the FHM website at <http://fhm.fs.fed.us> .

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

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

McShea, W.J.; Healy, W.M.; Devers, P.; Fearer, T.; Koch, F.H.; Stauffer, D.; Waldon, J. 2007. Forestry matters: decline of oaks will impact wildlife in hardwood forests. *Journal of Wildlife Management* 71(5): 1717-1728. DOI: 10.2193/2006-169

Schomaker, M.E.; Zarnoch, S.J.; Bechtold, W.A.; Latelle, D.J.; Burkman, W.G.; Cox, S.M. 2007. Crown-condition classification: a guide to data collection and analysis. Gen. Tech. Rep. SRS-102. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station, 78p. Available online at: <http://www.srs.fs.usda.gov/pubs/27730>.

Available on the FHM web site www.fhm.fs.fed.us under "What's New":
Forest Health Monitoring Focus Group Resolutions Decisions and Status July 2007 factsheet
Forest Health Monitoring Program Review Action Plan Brief July 2007 factsheet

Job Announcements

The U.S. Forest Service State and Private Forestry, Forest Health Protection (FHP) Region 5 is currently advertising an Entomologist, GS-0414-11/12 position located in the San Bernadino National Forest, Supervisor's Office, San Bernadino, CA. The application deadline is **August 30, 2007**. This is a permanent full-time position. The listed duties are performing a variety of field and laboratory tasks in support of pest management and forest health protection; and providing forest land managers with professional advice and technical assistance that is useful in minimizing damage caused by forest insects. The full announcement is available at <http://www.usajobs.opm.gov>. The vacancy announcement is ADS07-R5-BDFSO-2394G (current federal employees) and ADS07-R5-BDFSO-2394DP (all other applicants). For more information about the duties and responsibilities of this position, please contact Andi Koonce, akoonce@fe.fed.us, or phone (909) 382-2673. 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.

Post-doctoral Researcher in Spatial Modeling of Human-Environment Interactions, Center for Applied Geographic Information Science, University of North Carolina at Charlotte. We seek a post-doctoral associate whose research interests focus on the spatial dimensions of human-environment interactions, with emphasis on urbanizing metropolitan regions. Supported by state funding to the Center for Applied GIS, this position will contribute to research on the application of advanced geospatial concepts and technologies to social and environmental problems. A wide range of research topics are appropriate for investigation in this position. Qualified candidates will possess a multidisciplinary background applicable to the understanding of environmental and human systems, such as work in forest ecology, landscape ecology, land-use change dynamics, conservation planning, sustainable development, and/or environmental management and policy. Strong quantitative and spatial modeling skills are required. Experience with field methods and integration of

field data with GIS and remote sensing data for multi-scalar spatial analysis is desired. Evidence of strong publication potential and ability to generate external funding is essential. Salary and Benefits: \$40,000 per year, student health benefits, plus \$10,000 annual budget for research and travel. The position will be located at UNC Charlotte in the Center for Applied Geographic Information Science (www.gis.uncc.edu) with an appointment of 2 to 4 years pending performance. As part of a rapidly growing research university, the Center is integrally involved in several federally funded projects in both basic and applied GIScience research ranging from modeling impacts of urban growth on forest loss to predicting the spread of emerging forest disease. Start date: Review of applications will begin on September 15, 2007 and will remain open until a suitable candidate is identified. Start date is negotiable. To apply: please send an electronic application via e-mail with curriculum vitae, a statement of research interests, and the names of three references to Dr. Ross Meentemeyer (rkmeente@uncc.edu). Include "Center Post-Doc Search" in the subject line. For more information, please feel free to contact Dr. Meentemeyer by e-mail. University of North Carolina at Charlotte is an AA/EOE.

The Department of Entomology & Plant Pathology at Mississippi State University is accepting applications for the following position: Forest Entomology/Forest Health Management; Assistant Professor or Associate Professor; Research (87%) and Teaching (13%); Tenure-track, 12-month Appointment located at the main campus in Starkville, MS. The application deadline is **September 1, 2007**. The starting date is October 1, 2007, or as soon as possible thereafter. The incumbent will be expected to develop an active research program in the area of Forest Entomology/Forest Health Management. Expertise and interest in conducting interdisciplinary research on some combination of forest insects and associated microorganisms, forest pathogens, and their interactions are desired. Research opportunities abound from targeted-basic to applied and from molecular to ecological, with the major discipline orientation and areas of expertise of the incumbent determining research emphasis. Direction of graduate students is expected to be an integral part of the incumbent's research program. The incumbent will be responsible for teaching one course: "Forest Pest Management" (EPP 3124), a four-credit undergraduate course covering both insects and diseases, each fall semester. This course is required in the Forestry curriculum. It is anticipated that the incumbent will modify this course to provide graduate-level as well as undergraduate-level credit. Qualifications are a Ph.D. in Entomology, Plant Pathology (with entomological training), or related biological discipline. The salary is competitive and commensurate with qualifications and experience. Application must be made online at <https://www.jobs.msstate.edu/>. Click on "Search Postings" and search for Requisition Number 3297. Applications should include a cover letter, curriculum vitae, official university transcripts, and the names, mailing addresses, telephone numbers, and email addresses of at least three references. For additional information, contact Barbara Perrigin at bep2@msstate.edu. Mississippi State University is an AA/EEO employer.

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