Forest Health Monitoring Program
Monthly Update
March 2012

UPCOMING EVENTS

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

***April 16-19, 2012.** Tucson, AZ. The 2012 Forest Health Monitoring Work Group meeting. The workshop theme is "Human Influences on Forest Health". The workshop will include theme-relevant panel presentations and several concurrent focus groups designed to address emerging issues related to integrating pest reporting, monitoring climate change effects, and pest risk mapping. There will also be time and opportunities to share information about State, regional, and national program status, needs and accomplishments. A poster session will include posters from FHM funded Evaluation Monitoring (EM) projects and other topics of interest. Please register for the workshop by **March 23, 2012**. Registration for the poster session is due **April 6, 2012**. Make your lodging reservation by **March 23, 2012** to get the meeting rate. Files containing the workshop invitation, agenda, meeting and poster session registration material, and meeting location information including lodging are available on the FHM website: www.fs.fed.us/foresthealth/fhm/.
Online registration is available at
http://www.growthmodel.org/wfca/login.asp?theevent=Forest%20Health%20Monitoring&eventregistrationurl=./events/foresthealthmonitoring.asp.

***June 13-17, 2012.** Urumqi, China. International Symposium on Invasive Plants and Global Change. The symposium will occur in Urumqi, which is the capital city of Xinjiang Province, China. Xinjiang Institute of Ecology & Geography, Chinese Academy of Sciences is the local host. The ecology and management of invasive plants is of world-wide concern. Much research and speculation has focused on which abiotic and biotic factors promote plant invasions, including biotic factors that affect population dynamics, weather variability and climate change, and land use/disturbance regimes. The goals of this International Symposium are to (1) assess mechanisms of plant invasions; (2) evaluate how potential global changes may influence these mechanisms and alter plant invasions; and (3) project how plant invasions may be managed as global changes occur. To achieve these goals, a distinguished group of international scientists will explore these issues through presentations and discussions. Because arid ecosystems are especially susceptible to plant invasions and global changes due to low resilience and extreme sensitivity to environmental changes, this International Symposium places special emphasis on plant invasions in dry regions of the world. Topics include (1) Mechanisms of plant invasions - understanding the "why" of plant invasions - including: intra- and interspecific interactions, population dynamics, evolutionary processes, plant-soil-microbial feedbacks, trophic interactions, environmental variability, and human activities; (2) Global changes and invasion processes - what the future holds and how will

these changes influence underlying mechanisms of invasion - including: changing climate (temperature and precipitation), changing atmospheric CO2, and changing land use and disturbance; and (3) Managing plant invasions in a changing world - putting it all together - including: conceptual understanding to frame strategies and policies, and predicting plant invasions with numerical models. Registration forms should be submitted before **March 31, 2012**. Abstracts may be submitted before **May 31, 2012**. For more information, contact in USA: Bob Nowak - Email: nowak@cabnr.unr.edu. For updated information, registration form, and further details, visit http://lcbatunr.wordpress.com/2012/02/05/preliminary-announcement-international-symposium-on-invasive-plants-and-global-change/

June 19-21, 2012. Petaluma, CA. The Fifth Sudden Oak Death Science Symposium. The Fifth Sudden Oak Death Science Symposium (SOD 5) brings together scientific and management communities from throughout the world working on *Phytophthora ramorum* and SOD. It will provide a scientific update on the state of our knowledge about *P. ramorum* and its associated diseases in forest, urban, nursery, and landscape settings. The broad scope will foster cooperation between individuals working in various disciplines and geographic areas, and provide current research findings for scientists, managers, regulators, and policy makers. Abstracts (up to 1-page) of proposed papers or posters were sought by February 17, 2012. Submissions should have focused on one of the following SOD topic areas: biology and pathology; organisms associated with *P. ramorum*; ecology; economic, social, and environmental impacts; modeling and risk assessment; restoration; management and control strategies; monitoring; silviculture; arboriculture and urban forestry; nursery management; policy; or other related topics. Complete information about the symposium including abstract submission is available on the symposium website at www.suddenoakdeath.org.

September 24-27, 2012. Amherst, MA. IUFRO Small-Scale Forestry Conference: Science for Solutions. The first call for papers has been issued for this conference. Both oral and poster presentations are being sought. Abstracts to be considered were due by January 31, 2012. For more information, visit the conference website: http://iufrossf2012.org/.

***October 16-18, 2012**. Baltimore, MD (location and dates are tentative). The 2012 Forest Inventory and Analysis Science Symposium. The US Forest Service, Forest Inventory and Analysis (FIA) Program is pleased to announce the 2012 FIA Science Symposium. The theme of the 2012 FIA Science Symposium is "Moving from Status to Trends." The Symposium will bring together international forest scientists, managers, and stakeholders to share insights on contemporary issues, science policy, mensuration, geospatial products, inventory and monitoring methods, and other topics. Contributed sessions and papers (limit of two per author) on science, applications, policy, management, or technologies related to the Symposium's broad theme are invited. Abstracts are due **March 23, 2012**. For more information about the Symposium including details about submitting an abstract, visit the Symposium website: http://www.fia.fs.fed.us/symposium/.

JOB OPPORTUNITIES

Oregon State University is searching for a Forest Pathologist, MS minimum, or Ph.D. (Faculty Research Assistant, an academic teaching/research faculty appointment type) to work with the Swiss Needle Cast Cooperative in the Department of Forest Engineering, Resources and Management (FERM) in Corvallis, OR. FERM invites applications for a full-time (1.0 FTE), 12-month, fixed-term Faculty Research Assistant position. Reappointment is at the discretion of the Department Head. This position independently performs project development (proposal and design), set-up and maintenance, including data collection, work with fungal disease agents and hosts, management and statistical analyses, for the Swiss Needle Cast Cooperative (SNCC). The SNCC is a research cooperative mandated and funded by the State of Oregon to serve forest land owners in Oregon and Washington by managing research projects that examine the health of coast range forest affected by the disease. This position is key to the operations and management of the SNCC and several other forest health projects aimed at providing managers with valuable information on various forest health issues. This involves working with fungal forest pathogens, project design and implementation, travel to remote field sites for collection of data, data management and analysis. The position will include the hiring, training and supervision of multiple temporary employees, both in the lab and the field. He/she will write and review scientific publications to disseminate information to the scientific and land management audiences, reviewing and maintaining budgets, and preparing and submitting proposals for future Swiss needle cast projects. The SNCC FRA will be working in a wide variety of field settings. Working conditions in the field can include work on steep terrain and dense forests, hiking through forests, using compass and GPS to navigate in the field, work during cold, rainy, and otherwise inclement weather. Employee must be physically able to work in these field conditions. However, most field work will occur between April and October. Work will include tree measurement, sampling for foliage diseases, establishing plots for long term monitoring. The closing date for this position is **March 11, 2012**. To view the full posting, visit http://oregonstate.edu/jobs. The posting number is 0008642. For additional information please contact: Susan Ullstad at 541-737-9253 or susan.ullstad@oregonstate.edu, or David Shaw, Director SNCC at 541-737-2845 or dave.shaw@oregonstate.edu. *OSU is an affirmative action/equal opportunity employer*

PUBLICATIONS OF INTEREST

1. **Conkling, B.L. ed.** 2011. Forest Health Monitoring: 2007 national technical report. Gen. Tech. Rep. SRS-147. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station, 159 p. Online access is available at: http://www.srs.fs.usda.gov/pubs/39953

2. **Guo, Q.F.; Rejmánek, M.; Wen, J.** 2012. Geographical, socioeconomic, and ecological determinants of exotic plant naturalization in the United States: insights and updates from improved data. NeoBiota. 12: 41-55.

3. **Hennon, P.L.; D'Amore, D.V.; Schaberg, P.G.; Wittwer, D.T.; Shanley, C.S.** 2012. Shifting climate, altered niche, and a dynamic conservation strategy for yellow-cedar in the north pacific coastal rainforest. BioScience. 62: 147-158.

4. **Kliejunas, J.T.** 2011. A risk assessment of climate change and the impact of forest diseases on forest ecosystems in the Western United States and Canada. Gen. Tech. Rep. PSW-GTR-236. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. 70 p. http://www.fs.fed.us/psw/publications/documents/psw_gtr236/ Instruction about obtaining a copy are available at the website.

5. **Potter, K.M.; Conkling, B.L., eds.** 2012. Draft Forest Health Monitoring 2011 National Technical Report, Version 1/20/2012. Washington, DC: U.S. Department of Agriculture, Forest Service, Forest Health Monitoring Program. 123 p. A link to the draft report available on the FHM website at: http://www.fs.fed.us/foresthealth/fhm/pubs/index.shtml

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