Forest Health Monitoring Program
Monthly Update - Supplement
March 15, 2021

UPCOMING WEBINARS

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

***March 18, 2021 at 11:00 a.m. Eastern time. Forest Management and Biochar: Building Resilient Ecosystems.** (Sponsored by USDA Forest Service) Speaker: Dr. Debbie Page-Dumroese (Research Soil Scientist, USDA Forest Service, Rocky Mountain Research Station). Dr. Debbie Page-Dumroese will talk about forest management and woody biomass-derived biochar, its properties and how it helps to build resilient ecosystems. The Monthly Biochar Webinar series is an event that Forest Service is organizing in partnership with the US Biochar Initiative and The Southern Regional Extension Forestry. Pre-registration is not required! CEU available: Georgia Master Timber Harvester - Continuing Logger Ed. (GaMTH CLE) - 1 hour CLE - MTH Category B Credit; Certificate of participation; Society of American Foresters - Certified Forester Education (SAF-CFE) - 1 hour Category 1 Credit. Plan to **join the webinar** 15 minutes early.

***March 18, 2021 at 11:00 a.m. Eastern time. Emerald Ash Borer (EAB) Deregulation and Continuation of APHIS EAB Biological Control Program.** (Sponsored by EAB University webinar series) Speakers: Herb Bolton (National Policy Manager for Emerald Ash Borer, APHIS) and Ben Slager (AHPIS). This webinar will cover the recent federal domestic deregulation of emerald ash borer (EAB). Herb Bolton will discuss what regulatory actions the USDA Animal and Plant Health Inspection Service (APHIS) has ended since deregulation, and the continuation of the APHIS EAB program for biological control, EAB IPM and biological control research, and communication and outreach to the public on firewood. Ben Slager will give an overview of the APHIS EAB biological control program, the status of the program nationally, and how states and other partners can get involved in the release and recovery of the EAB parasitoids. **Registration is required.** Visit the webinar website **to register**. CEUs, will be available for the live webinar. Contact barne175@purdue.edu for more details.

***April 1, 2021 11:00 a.m. Eastern time. The Economics of Area-Wide Ash Surveillance, Treatment, and Removal Strategies to Slow the Spread of Emerald Ash Borer in Urban Forests.** (Sponsored by EAB University webinar series) Speaker: Robert G. Haight (USDA Forest Service, Northern Research Station, St. Paul, MN). The emerald ash borer (EAB) is one of the most economically and environmentally damaging invasive species ever to reach the United States. Economic damage of EAB is most severe in cities that lose abundant high-value ash trees growing along streets and in yards. Pest

management and economic models suggest that an area-wide approach across all ownerships, including surveillance for early detection, treatment of ash trees with systemic insecticides, and removal of infested ash trees, yields the greatest benefits at the lowest costs. In this talk, Bob Haight will present research on the economics of area-wide strategies in Minneapolis/Saint Paul metropolitan region, the city of Winnipeg, Manitoba, and the state of New Jersey. The key findings for resource managers are (1) Surveillance for early detection of infested trees pays off. Waiting to apply surveillance and management risks the buildup of the EAB population causing more damage and economic loss; (2) Once surveillance identifies infested trees, cost-effective actions include treating newly infested trees and removing highly infested trees. If the budget is limited, treating newly infested trees is the priority; (3) For risk averse managers who want to minimize the risk of overwhelming ash mortality, the cost-effective strategy is to monitor and remove ash trees in the vicinity of infestations; and (4) Cooperation among city governments and private landowners can increase benefits for all. **Registration is required.** Visit the webinar website **to register**. CEUs, will be available for the live webinar. Contact barne175@purdue.edu for more details.

***April 8, 2021 11:00 a.m. Eastern time. MTE Oak Wilt Management and Control.** (Sponsored by EAB University webinar series) Speaker: Tommy Stueck III (Forest Health Forester, Menominee Tribal Enterprises). Oak wilt is a deadly disease of oaks found throughout the Midwest and into the South. The speaker will cover: Northern Pin Oak Management vs Northern Red Oak Management, Surveying Techniques, Pocket Marking Technique, Oak Wilt ID, Bruhn's Root Graft Model, Types of Treatments, and Success Rates. **Registration is required.** Visit the webinar website **to register**. CEUs, will be available for the live webinar. Contact barne175@purdue.edu for more details.

FOR MORE FHM INFORMATION

Visit the FHM **homepage** **and** **Forest Health Assessment and Applied Sciences** or access both via the **USDA Forest Service homepage**