



NORTHEASTERN AREA STATE AND PRIVATE FORESTRY NEWS NOTES



July/August 2010



From the Director's Desk

From All Lands to Integrated Solutions: A Pivotal Year for State and Private Forestry

As I reflect on the past fiscal year's accomplishments, I cannot help but be impressed with all that has happened. This has been a pivotal year for State and Private Forestry. Almost exactly a year ago, U.S. Secretary of Agriculture Vilsack announced his vision for an "all-lands approach" to forest management in our country. His vision is based on the recognition that our forests face significant threats, and we must work together across Federal, State, and private forest lands to address these threats. Having the Secretary of Agriculture expressly and visibly committed to ensuring the continued supply of public benefits from well-managed forests, regardless of ownership, is unprecedented.

We have new tools at our disposal that will allow us to be even more effective at addressing the management of forests across all lands. The recently completed State Forest Resource Assessments and Strategies are substantial and important sources of information. The Assessments provide an analysis of forest conditions and trends in the State and identify priority landscapes. The Resource Strategies provide long-term plans and priorities for investing State, Federal, and other resources to achieve the best results and desired outcomes.

This is the first time in over 25 years that all 20 Northeastern and Midwestern States and the District of Columbia developed State strategies on the same timeline following a shared outline and process. In the words of the joint 2008 U.S. Forest Service and Northeastern Area Association of State Foresters memo, "This is a historic opportunity for State agencies and the Forest Service to work together to advance shared resource management goals." These Assessments and Strategies are an important driver for future work and investments by the Northeastern Area.

Under the leadership of our Washington Office, we have "redesigned" State and Private Forestry. The Northeastern Area (NA) and the Northeastern Area Association of State Foresters (NAASF) are committed to advancing the three national priorities—conserving working forests, protecting forests from threats, and enhancing the public benefits from forests. More importantly, we have realized the value of providing resource management goals,



bringing all the authorities and expertise at our disposal, to bear on priority resource issues.

This is why I have chartered a collaborative NA-NAASF team to improve the Northeastern Area's approach to all the competitive grant opportunities we offer. My vision is that the Northeastern Area Request for Proposals for 2011 will reflect an integrated, landscape-scale management approach to allocating funds, rather than our past programmatic, stove-piped approach. I see this new, single Request for Proposals as being instrumental in helping State Foresters and their partners implement the State forest resource strategies, especially priorities that align well with Federal interests and would benefit by receiving Federal financial and technical assistance.

Finally, I am very proud of the progress of the Stewardship Project. Over the past year, I have watched some of the best and brightest State, Federal, and nonprofit resource professionals really "dive in" and work collaboratively on tools, approaches, and strategies that will dramatically expand the reach and effectiveness of our forest stewardship efforts. With their leadership and commitment, I am convinced that we can realize an "all-lands" approach that engages more stakeholders and results in better forest stewardship and management over time.

The Northeastern Area has a long history of working with a broad spectrum of interests, specifically State forestry agencies, on forest conservation issues that affect all lands. Now, more than ever, we have the solid foundation, the leadership, the tools, and the momentum to really make an even greater difference on the ground and to the people we serve. I look forward to new opportunities for State and Private Forestry in 2011 and continuing substantial accomplishments as well!

Respectfully,

Kathryn P. Maloney, Area Director

Sustainable Operations Tips for the Month

So long, Salmonella!

Many folks are understandably concerned and alarmed about the recent recall of approximately half a billion eggs from U.S. supermarket shelves because of salmonella contamination. The FDA has since completed an investigation documenting many of the violations at Iowa-based egg production facilities that contributed to conditions leading to the salmonella outbreak.



It is partially because of health concerns and partially because of environmental reasons that many people are now choosing to raise their own egg-laying hens in their backyards, just like many Americans did only a few decades ago! Hens are generally not very loud (they do not crow like roosters) and a hen doesn't need a rooster to lay eggs. An egg gathered from a backyard coop is fresher, has a smaller carbon footprint, doesn't need packaging, and came from a hen that is probably living a happier and more natural existence compared to its brethren cooped up in big factory farms. In addition, hens are easy and inexpensive to maintain (compared to most other pets), provide chemical-free bug and weed control for your yard, process your compost, and generate the world's best fertilizer. They can actually be fun, friendly pets with individual personalities!



Most, but not all towns, allow their residents to raise chickens in their backyards. If yours doesn't, or you're not inclined, try buying eggs from smaller-scale farmers at your local farmer's market, where the eggs are again likely to be fresher, less carbon intense (not as much transportation required), potentially healthier for you and your family, and maybe even laid by a "happier" hen.

If you are thinking about raising your own egg-laying hens, check out the oodles of tips, advice, and how-to guides online. Some good places to start are:

- Backyard Chickens (<http://www.backyardchickens.com/>) has **lots** of information about various chicken breeds, how to care for and raise chickens, how to build or where to buy a coop, how to keep your chickens safe from predators, and other topics. They even have a section where you can search for your town's local chicken ordinance.
- My Pet Chicken (<http://www.mypetchicken.com/>) has information, supplies, and mail-order chicks!
- Many national media outlets have documented the recent rise in popularity of backyard chicken keeping. Check out this recent article, "Hot Chicks," by the Washington Post: <http://www.washingtonpost.com/wp-dyn/content/article/2009/05/13/AR2009051301051.html>.



Newtown Square Headquarters Office

NA States' Forest Resource Assessments Are In

Forestry agencies in Washington, DC, the 20 States served by the Northeastern Area State and Private Forestry, and all other States have submitted their Statewide Forest Resource Assessments and Strategies. The assessments, which are required by the Cooperative Forestry Assistance Act (as amended by the 2008 Farm Bill, PL 110-246), will help planners:

- ✘ Examine conditions, trends, and threats to forest resources
- ✘ Identify priorities within each State and across State boundaries
- ✘ Outline strategies for addressing those threats and priorities

The assessments will provide a foundation for the Forest Service's vision of landscape-scale conservation.

States worked with stakeholders and a wide array of partners, including the Forest Service, forestry agencies of neighboring States, and State and Federal natural resource agencies and committees. They also incorporated existing State wildlife action plans, Community Wildfire Protection Plans, National Forest Land and Resource Management Plans, and other relevant plans.

In a letter dated August 6 to State foresters, Deputy Chief for State and Private Forestry Jim Hubbard had high praise for the States' efforts.

"The collective effort, dedication, and investments represented by these documents are tremendous—as are the opportunities to create a new future for our forest resources, our organizations, and our partners," he wrote. "We stand on the edge of a significant opportunity."

Upper Midwest and New England Host i-Tree Workshops

Workshops were held in Michigan and New Hampshire in June 2010 to train nearly 60 urban forestry practitioners on how to use i-Tree, an innovative software tool for urban tree inventories. i-Tree was developed by the U.S. Forest Service and other partners to analyze and assess the urban forest. The software helps communities of all sizes strengthen their urban forest management and advocacy efforts by quantifying the structure of the community's trees and the environmental services these trees provide.



i-Tree trainees practice during field exercises.



Attendees included State urban foresters, municipal staff, and partners from other organizations. They received 2 days of hands-on training that included lectures, demonstrations, computer lab time, and field exercises.

In Michigan, Kevin Sayers (Michigan Department of Natural Resources), Nancy Carpenter (Arbiculture Society of Michigan), and Melinda Jones (Global ReLeaf of Michigan) worked with the Forest Service to deliver the training. In New Hampshire, A.J. Dupere (New Hampshire Division of Forests and Lands) and Fred Borman (University of New Hampshire Cooperative Extension) co-hosted the training.



Trainer Al Zelaya from Davey Tree Experts shares i-Tree's finer points in the computer lab.

Al Zelaya from Davey Tree Experts, **Dave Bloniarz** from the U.S. Forest Service Northern Research Station, and Francisco Escobedo from the University of Florida were the lead trainers. U.S. Forest Service State and Private Forestry staff members **Jill Johnson** and **John Parry** assisted in planning and coordinating the workshops; and **Anne Cumming**, **Donna Murphy**, and **Margaret Weeks** attended.

To learn more about i-Tree software, go to www.itreetools.org.

NA Welcomes James Barresi



James Barresi

James Barresi is the new Deputy Director for Northeastern Area State and Private Forestry. Jim recently completed 26 years of service with the State of New Jersey as the Assistant Director/State Forester for the Department of Environmental Protection's Division of Parks and Forestry, State Forestry Service.

Jim began his career with the Department in 1984 as a Section Forest Fire Warden, and he has held several positions within the New Jersey Forest Fire Service, assuming his position as State Forester in 1995. As Assistant Director for the State Forestry Service, Jim oversaw the operations of the Bureau of Forest Management and the Bureau of Forest Fire Management with a combined staff of just over 100 employees. Jim

also served the Department as a member of the New Jersey Pinelands Commission's Forest Advisory Sub-Committee, the Director of Taxation's Farmland Assessment Committee, and the Rutgers University Forest Advisory Committee.



As the State Forester, Jim represented New Jersey as a member of the National Association of State Foresters (NASF), an organization that has been in existence since 1920. Jim was selected to serve as president of the regional chapter of the organization (NAASF) in 2001 and again in 2010. He has served on several NASF committees including Forest Fire Protection, Forest Fire Prevention, and Urban and Community Forestry, and he chaired the Conservation Education committee. A graduate of the University of Missouri, Jim holds both a Bachelor and Master of Science degree in Forestry. He also serves his local community of Washington Township, Gloucester County, as a volunteer fireman.

Welcome, Jim!

NA Saddened by Loss of Friend and Colleague



Alan Zentz, State Fire Assistance Program Manager, ended his long and courageous battle against cancer on August 27. He passed away peacefully in his sleep.

“All of us remember Alan for his kindness and goodness and his commitment to the pursuit of excellence in everything he did,” Northeastern Area Director Kathryn Maloney wrote in an e-mail to all NA staff. “Alan will be missed by all who knew him for his wit, humor, and dedication to his family and the fire program he served so well.”

Alan Zentz

(From the Frederick, MD, News-Post of August 30)

H. Alan Zentz, 56, of Rising Sun, MD, died Friday, Aug. 27, 2010, at home surrounded by his loving family. He was born in Frederick on Sept. 20, 1953. He dedicated his professional life to local, State, and national wildland fire protection, and his personal life to his family and friends.

From 1974 to 1999 he worked for the Maryland Forest Service, first as the forest ranger in Cecil County, then as the regional fire manager for the Central Region, and finally as Maryland State Fire Supervisor. In 1999, Alan joined the U.S. Forest Service as the Cooperative Fire Program Specialist for Northeastern Area State and Private Forestry. Throughout his career he worked to improve forest fire protection for millions of people in the Northeast. He provided response assistance with the Federal Emergency Management Agency at the World Trade Towers during the attack of 9/11, and on hurricanes Katrina and Rita. His work in the arena of emergency response has helped provide a foundation for incident management implementation throughout the Nation.

Some of Alan's happiest days were spent with his wife, Sue, planting and nurturing the flowers, trees, and shrubs at their home, enjoying the koi pond they built, playing golf, and bird watching. One of his greatest pleasures was watching the sun set at the end of the day. Alan was a lifetime member of the Guardian Hose Co., in Thurmont, MD.

In addition to his wife, Sue, Alan is survived by his daughter, Alanna Eisenberg, and her husband, Benjamin, of Boston; mother, Betty B. Zentz, of Thurmont; brother, William Zentz,



and wife, Candy, of Thurmont; sister, Patricia Moning, and husband, Clark, of Hagerstown, MD; in-laws Mae and Marvin Lease, of Brunswick, MD, and Kay and Chris Soares of Woodsboro, MD; and several fond nieces and nephews. He was preceded in death by his father, Philip L. Zentz.

The family wishes to express their grateful appreciation to Alan's many friends, family members, and neighbors who provided support and assistance throughout his journey. Alan's story has been chronicled on his Caring Bridge Web site: www.caringbridge.org/alanzentz. Expressions of condolences may also be shared on Alan's guestbook on this Web site.

Memorial contributions may be sent to Northern Chesapeake Hospice Foundation, c/o Crouch Funeral Home, 127 S. Main St., North East, MD 21901.

GREEN PURCHASING

By Patty Pierce

Everyone can benefit from Green Purchasing Training. In this issue of our newsletter, I would like to challenge all employees and supervisors to take Green Training. Even if you have taken this training in the past, you can always benefit from refresher training.

The Northern Research Station Acquisition Management Web Site (<http://fsweb.nrs.fs.fed.us/aqm/acquisitions/>) has two Green Training courses. Take this training to learn more about Energy Efficiency Programs, Alternative Fuels and Alternative Fueled Vehicles, Energy Star and Biobased Products, Non-Ozone Depleting Substances, the Water Efficiency Program, the Electronic Products Environment Assessment Tool (EPEAT) Program, and Sustainable Design/Green Buildings.

Durham Field Office

Teachers Learn about Water and Watersheds

Teachers from five school districts in New Hampshire participated in a workshop focused on building science literacy across a range of grades using a theme of water and watersheds. The teachers participated in activities that build knowledge and understanding of water and watersheds for each grade level as well as science process skills. They also worked within their team to incorporate the activities into their teaching units and to train their colleagues as well.





Teachers conduct water quality tests that include collecting macroinvertebrates.



Workshop participants identify land use within a watershed.

This program's goal is to transform the teaching practices in five school districts so that they can achieve genuine science literacy for all students, as envisioned in the *New Hampshire Frameworks for Science Literacy*. The program is funded through a Math and Science Partnership grant of the New Hampshire Department of Education. It is implemented by the New Hampshire Education and Environment Team (NHEET), which is comprised of personnel from the Forest Service (**Susan Cox** and Clare Long-WMNF), New Hampshire Project Learning Tree, New Hampshire Project WET, New Hampshire Project WILD, HOMES, and GLOBE.

Loggers and Foresters Learn About GPS and GIS Technology in Connecticut

Tom Luther, Rebecca Lilja, and Dave Welsch recently conducted training on how to use GPS and GIS technology to locate and map property and stand boundaries as well as lay out access roads and skid trails. More than 50 loggers and foresters in Connecticut took part in the instruction. Chris Manville of Connecticut Logger Rescue, an organization that provides training to foresters and loggers with an emphasis on safety, organized the classes. The training was comprised of two sessions held August 11-12.





Conducting training in the classroom and the woods.

The first event took place at Sessions Woods Wildlife Management Area in Burlington, CT. The second event was held at the Soil and Water Conservation District property in Brooklyn, CT. Through classroom instruction and field exercises, attendees learned how to use hand-held GPS receivers to collect waypoints, tracks, and routes. They next learned how to use Google Earth and other free and commercial software to create topographic maps. These included aerial photo backgrounds with superimposed property boundaries, stand boundaries, and road locations.

Special assistance was provided by Jim Warner of the Connecticut Department of Environmental Protection, Bureau of Natural Resources, Wildlife Division; and Dawn Barrett-Walsh of the University of Connecticut Cooperative Extension in securing Internet access at their respective locations. Shane Brandt of the University of New Hampshire Cooperative Extension loaned the necessary GPS units.



Morgantown Field Office

Researchers Conduct Test Flights of Remotely Controlled Aerial Vehicles for Insect and Disease Detection

Chelsea Gibson, Adam Miller, and Will Harris of Northeastern Area State and Private Forestry participated in Unmanned Aerial Vehicle (UAV) test flights at Jackson's Mill, WV, in July.

This is an ongoing project between entomologists and aerospace engineers at West Virginia University to develop alternatives to small aircraft aerial surveys. It is anticipated that this continually developing technology will provide a fast and efficient detection method that will give a geo-referenced and permanent record of data with the potential to use different detection equipment, such as infrared cameras and hyperspectral images.

The advantages of using unmanned aircraft in aerial detection surveys include reduced error in data collection, increased safety to Forest Service personnel, reduced costs, the ability to fly closer to the canopy level to collect accurate data, and the ability to respond rapidly to survey needs. Currently the resolution of aerial images taken by the UAV can be down to less than 1 inch, and the UAV can cover large geographic areas in a short time period. A series of pictures is taken from a camera located within the UAV. The pictures create a permanent record that can be downloaded onto a computer. The risk factor associated with performing aerial surveys using a UAV is non-existent, and a UAV can be manufactured for around \$15,000.

Morgantown Provides Subject Matter Experts at National 4-H Forestry Invitational



Al Iskra shows 4-H counselors a plant specimen with signs of disease.

Morgantown Forest Health Protection staff **Al Iskra** and **Rick Turcotte** participated as subject matter experts in forest insects and diseases at the National 4-H Forestry Invitational. Forestry professionals from around the country assist State teams with training and testing, and provide experience and knowledge to broaden the competitors' understanding of forestry. This understanding of forestry is essential not only to the success of this event, but also to the successful management of our Nation's forestry resources into the future.

The 3-day invitational is the national championship of 4-H Forestry that has been held since 1980. Teams of 4-H foresters aged 14 to 19 from around the country come to Jackson's Mill State 4-H Camp in West Virginia



to meet, compete, and have fun. During the competition, participants are tested on their knowledge of tree identification, tree measurements, forestry, map reading, and forest insect and disease identification. Sixty 4-H participants from 15 States competed in this year's event. This year's keynote speaker was Liz Agpaoa, Southern Regional Forester for the U.S. Forest Service.

Morgantown Field Office States Participate in *Cerceris* Biosurveillance Training



Instructors show Bureau of Forestry employees how to detect colonies of *Cerceris fumipennis*.

In July, 18 members of the Pennsylvania Bureau of Forestry and State Game Commission attended a training session on biosurveillance taught by **Rick Turcotte** at State College, PA. This is the second training session held out of the Morgantown Field Office. A similar training event was held in June in Upper Marlboro, MD. The Maryland training session included representatives from the USDA Animal and Plant Health Inspection Service, Plant Protection

and Quarantine; Maryland Department of Agriculture; and the Delaware Department of Agriculture.

The training covered how to find *Cerceris fumipennis* colonies and collect data. *C. fumipennis* is a wasp that hunts buprestids (metallic, wood-boring beetles). It occurs throughout Eastern and Central North America. Because this wasp is a ground-nesting species that preys on emerald ash borer, surveying its nests has become a novel tool to detect and monitor the emerald ash borer in Canada and the United States. The wasp's nests have been primarily detected in disturbed sites such as roadsides; foot paths; and soil around baseball diamonds, fire pits, and sandy volleyball courts.

This training is part of a 2-year multistate project on using biosurveillance to enhance regional surveys for the emerald ash borer and other exotic, metallic, wood-boring beetles.



Forest Health Protection Staff Help Landowner with Pine Bark Adelgid Infestation

A cooperative project involving the U.S. Forest Service and the Ohio Division of Forestry took place in July on the Willis pine plantation near Seaman, OH. The landowner was experiencing moderate levels of tree mortality and expressed concern. **Adam Miller, Chelsea Gibson, and Rick Turcotte** worked with Tim Wilson and Perry Brannan of the Ohio Division of Forestry and Mitch Bushong, an intern from Hocking University. They surveyed the Willis white pine plantation to assess the levels of pine bark adelgid and investigate possible causes of mortality.

Fifteen strips were surveyed across 3 stands comprising about 53 acres total. The strips were 10 feet wide and spaced approximately 350 feet apart. Along each strip, all trees within 10 feet of the

strip's center line were included in the survey. The d.b.h. (diameter at breast height), tree height, vigor, and presence of pine bark adelgid were recorded for each tree. This information was used to determine basal area per acre, trees per acre, mortality, and merchantable timber volumes.

Pine bark adelgid (*Pineus strobi*) is widely distributed in North America and occurs throughout the native range of eastern white pine. This insect mainly inhabits white pine (*Pinus strobus*), but is also found on Scots and Austrian pines. The pine bark adelgid is covered with a white wax and feeds by sucking sap from the tree. Infestations are recognized by the presence of spots and patches of white, cottony material on the bark of trunks and limbs, on buds, or at the bases of needles. Trunks of heavily infested trees often appear to be whitewashed.

On older trees, the infestation is more unsightly and mortality will usually not occur. Young trees, if heavily infested, become discolored, stunted, or weakened, and death may occur. Adult adelgids are small, purplish to yellow, and covered with white strands of wax. Nymphs (immature) resemble adults except for their smaller size. Pine bark adelgids overwinter in all stages, but usually as immature females. Development continues in late winter, and eggs are laid in the spring. Winged individuals will migrate to other trees and begin feeding. Wingless forms remain feeding on the tree and reproduce repeatedly. There are multiple generations per year.

<http://www.utextension.utk.edu/publications/spfiles/SP290-0.pdf>



A pine bark adelgid infestation can be detected by the snow-white color on the bark of a white pine.



St. Paul Field Office

New St. Paul Field Office Representative



Barb Tormoehlen

NA welcomes **Barb Tormoehlen** as the St. Paul Field Office Representative. Barb's 32 years of experience with the U.S. Forest Service began with a 20-year stint on the Hoosier and Ottawa National Forests in the Eastern Region. She began her career as a ranger district trainee on the Hoosier. Barb served as the silviculturist and assistant ranger on the Brownstown District, and then as the Planning and Information Management Staff Officer in the Supervisor's Office. She also served on the Ottawa National Forest (God's country!) as the Kenton District Ranger.

Luckily for us, Barb transferred to Northeastern Area State and Private Forestry (NAS&PF) after helping the State of Indiana develop its Forest Legacy Program Assessment of Need.

For the past 12 years, Barb has been instrumental in developing NAS&PF's Strategic Plan. She was a co-leader of both NAS&PF and national teams for the Spatial Analysis Project and WebDET (a Web-based data entry tool) in support of the Forest Stewardship Program.

For the past several years, Barb has had the pleasure and honor of leading the Office of Knowledge Management as its Group Leader, which includes the Application Development & Support, GIS, and Sustainability & Planning teams. At the same time, Barb serves as a certified mediator for the Combined Eastern Leadership Team of the U.S. Forest Service.

Barb's pride and joy is her family. Barb and her husband have two grown daughters and a son-in-law who all reside in Indianapolis, IN. They are looking forward to their time in St. Paul and enjoying the Twin Cities!

Upper Mississippi Forest Partnership Represented at America's Inner Coast Summit

SPFO Watershed Forester **Teri Heyer** represented the Upper Mississippi Forest Partnership June 22-24 at the America's Inner Coastal Summit in St. Louis, MO. The meeting was held to discuss and help further a vision for this multiple-use inner coast. Its goal was to develop high-level recommendations to be considered in sustainable Mississippi River valley projects and initiatives. It also helped advance the exchange of information regarding progress as well as the barriers and constraints of current projects, programs, and activities to support watershed efforts.

The steering team that planned the meeting was made up of representatives from Monsanto Corporation; The Nature Conservancy; Gulf Engineers and Consultants, Inc.; National Great Rivers Research and Education Center; and the University of Florida, Office



of Conferences and Institutes. The Sand County Foundation and the U.S. Army Corps of Engineers, Mississippi Valley Division, jointly facilitated the summit.

Summit attendees represented 20 States and 76 unique organizations with a variety of affiliations: academic (4%); business and landowner (15%); community, State, and local government (11%); Federal (30%); nongovernmental organizations (35%); political (4%); and Tribal (1%). One hundred seventeen people from a broad cross section of Mississippi River watershed partners and stakeholders attended. Six teams were formed to continue these efforts: Overall Working Group, Governance Group, Specified Basin or Watershed Team, Congressional Liaison Team, Science/Technical Team, and Strategic Communication Team.

For more information, go to: <http://www.conference.ifas.ufl.edu/aics/index.html>.

Wood Education and Resource Center

WERC Update

Dovetail Partners, Inc., of Minneapolis, MN, recently completed a WERC-funded project (Award Number 09-DG-089) titled **Using Industrial Clusters to Build an Urban Wood Utilization Program: A Twin Cities Case Study**. The primary goal of the project was to compile and summarize wood utilization activities in the Twin Cities, then compare and contrast how wood utilization in the Twin Cities mirrors a successful industry cluster.

The final report for this project can be viewed at:

<http://www.dovetailinc.org/files/UrbanWoodClustersFinalReport.pdf>

A Webinar about the project can viewed at:

http://www.na.fs.fed.us/werc/videos/wood_utilization/building_urban_wood_utilization_program.wmv

Related video can be viewed at: <http://www.dovetailinc.org/content/making-use-urban-trees-wood-products-zipcode>

Upcoming Workshops – Visit the [WERC training web page](#) for current training opportunities.

➤ **Optimization in Small-Scale Sawmills**

September 9, 2010

Wood Education and Resource Center, Princeton, WV

Sponsors include West Virginia University – Division of Forestry and Natural Resources and WERC



The workshop is open to individuals who have an interest in optimizing their wood products operations. The topics to be discussed include edging/trimming/grading optimization and hardwood log sawing optimization. The presentations will illustrate a software product and other developmental activities completed by West Virginia University.

For additional information, contact [Tony Goff](#) at 304-276-4303 or [Jingxin Wang](#) at 304-293-7601.

➤ **2010 North Carolina State University's Wood Products Workshop Series
Upholstery Frames Using Lumber and Plywood**

November 4, 2010

Catawba Valley Community College, Hickory, NC

For additional information about this workshop, contact [Harry Watt](#) or call 704-880-5034.

➤ **Hardwood Log Scanning, Defect Identification, and Recovery Optimization**

November 3, 2010, 9 a.m. – 4 p.m.

Wood Education and Resource Center, Princeton, WV

This workshop will demonstrate the use of laser log scanning to automatically find external log defects. Sponsors include Concord University, West Virginia University, and WERC. Registration is \$40 for industry and \$15 for students. Download the registration form [here](#). For more information, contact [Dr. Liya Thomas](#) or call 304-384-3115.

➤ **ROMI 3.1 Improve Lumber Yield and Operation Efficiency**

November 8, 2010, 8:30 a.m. – 4 p.m.

Wood Education and Resource Center, Princeton, WV 24740

This workshop will provide managers, supervisors, entrepreneurs, and educators with an overview of the U.S. Forest Service's Rough Mill Simulator, ROMI 3.1. Participants will gain practical experience by using the simulator and simulating and improving their operation. For additional information, contact [Urs Buehlmann](#)



Editor's Note

DEADLINE! The deadline for the next issue of the Northeastern Area News Notes is COB Monday, September 27, 2010. News articles submitted after this time and date will be published in the next month's edition. Please e-mail final articles to me, Nancy Lough at nlough@fs.fed.us.

The Northeastern Area State and Private Forestry News Notes are published monthly by:

U.S. Department of Agriculture
Forest Service
Northeastern Area State and Private Forestry
11 Campus Blvd., Suite 200, Newtown Square, PA 19073
(610)557-4103, <http://www.na.fs.fed.us/>

The use of trade or firm names in this publication is for reader information and does not imply endorsement by the U.S. Department of Agriculture of any product or service.

The USDA is an equal opportunity provider and employer.

