

Tuesday March 9, 2010

NESAF Winter Meeting 2010

On Our Watch: Forests in Transition

8:00 AM to 5 PM

Lobby
Registration

ALL DAY

Amherst and Merrimack Rooms
Exhibitors

Designated Times

Portsmouth Room
Poster Viewing (Noon - 2:00 PM; 5:00 PM - 6:00 PM)

10:00 AM to 11:45 AM

Grand Ballroom

General Session

Introduction: Ron Lemin, Chair of NESAF and Janice Mulherin, General Meeting Chair

Keynote Speakers (Introduced by Deirdre Raimo, Program Committee):

Dr. David Orwig, Forest Ecologist, Harvard Forest, Harvard University, Massachusetts

Topic - New England Forests in Transition: How Humans, Pests, and Climate Shape Forest Dynamics

Erik Assadourian, Senior Researcher, World Watch Institute, Washington D.C., and Director of the State of the World 2010: Transforming Cultures from Consumerism to Sustainability

Topic - Transforming Cultures: An Essential Solution to Preserve the Future of Forests

NOON to 2:00 PM

*Junior Ballroom, **Buffet Lunch; Business Meeting begins at 12:30 PM***

*Portsmouth Room - **Poster Viewing - Noon - 2:00 PM***

2:00 PM to 3:15 PM

Topic: Controlling Invasive Plants: New and Old Friends

Moderator: Jeff Ward, The Connecticut Agricultural Experiment Station

Speakers: Dendrology 2010: Early Detection of Stealthy Invasives. Tom Rawinski, US Forest Service, State & Private Forestry; **Observations on Buckthorn Control.** Stephen Eisenhaure, University of New Hampshire; **Ticked off About Barberry? Blast It.** Tom Worthley, University of Connecticut Cooperative Extension, and Jeff Ward.

Topic: Forest Products Industry - Changes Abound

Moderator: Charlie Levesque, President, Innovative Natural Resource Solutions LLC

Speakers - Pulp and Paper in Transition. Peter Ince, Research Forester, US Forest Service, Forest Products Laboratory, Madison, WI; **Biomass - the Big Winner?** John Ferrell, Biomass Program Manager, US Dept. of Energy, Office of Biomass Program; **Solid Wood Challenges and Opportunities.** Bob Berg, Assistant Director, Penn State Center for Wood Innovation and Sustainability Economic Advisor, RISI.

Topic: What's New with Wildlife in New England?

Moderator: Matt Tarr, University of New Hampshire Cooperative Extension

Speakers: Foresters for the Birds: A Partnership Between Vermont Audubon and the Vermont Department of Forests, Parks, and Recreation. Michael Snyder, Chittenden County Forester, Vermont Department of Forests, Parks, and Recreation; **Declining Shrublands: Efforts to Conserve the New England Cottontail Rabbit.** Emma Carcagno, Wildlife Program Assistant, UNH Cooperative Extension; **Vernal Pool Research at UNH: The Forest Buffer Experiment.** Jessica Veysey, UNH Department of Natural Resources and the Environment.

3:30 PM to 3:45 PM

Amherst and Merrimack Rooms
Exhibitors/Break

3:45 PM to 5:00 PM

Topic: Forest Health Potpourri – Latest Regional Issues

Moderator: Kyle Lombard, Forest Health Program Director, New Hampshire Division of Forests and Lands

Speakers: Investigating Causes of Forest Decline in Vermont. Robert DeGeus, Wood Utilization Specialist, VT Dept. of Forests, Parks & Recreation, and Sandy Wilmot, Forest Health Specialist, VT Dept. of Forests, Parks & Recreation; **Lessons Learned From the Asian Longhorned Beetle Outbreak in Worcester, MA and the Monumental Efforts to Eradicate This Pest.** Ken Gooch, MA State Program Director for ALB Eradication Program; **Solving the Firewood Conundrum, Is it Doable?** Dave Struble, Maine State Entomologist and longtime coordinator of the Forest Health Program.

Topic: Wood Energy Fuels Forests in Transition

Moderator: Rob Clark, US Forest Service, State & Private Forestry

Speakers: Biomass Energy in New England – Once a Leader, Now Mature... What's Next? Eric Kingsley, Vice President of Innovative Natural Resource Solutions LLC (INRS); **Biophysical vs. Social Availability of Woody Biomass: How Much is Really Available on Family Forestlands in the NESAF Region?** Brett Butler, Research Forester with the US Forest Service, Northern Research Station, serves as the coordinator of National Woodland Owner Survey; **State and Federal Biomass Sustainability Policies - Intended Goals, Unintended Consequences.** Rick Handley, Principal of Rick Handley & Associates, an energy conservation and renewable energy consulting firm located in Ballston Lake, NY.

Topic: Challenges to Maintaining the Working Forest

Moderator: Inge Seaboyer, New Hampshire Division of Forests and Lands

Speakers: Taxation and Sustainable Management in the Northern Forest. Robert Malmshheimer, Associate Professor of Forest Policy and Economics at SUNY-ESF, and David Newman, Professor of Economics and Chair of the Department of Forest and Natural Resource Management at SUNY-ESF; **David Babson: A Landowner Perspective.** David Babson, landowner from Ossipee, NH, former New Hampshire State Representative, and Chair of SPACE (the Statewide Program of Action to Conserve our Environment), a not-for-profit coalition of natural resource conservation organizations, agricultural groups, recreational user groups, and concerned landowners and individuals supporting current use.

Post 5:00 PM

Junior Ballroom
Reception

Junior Ballroom
Student Quiz Bowl

Portsmouth Room
Poster Viewing 5:00 PM - 6:00 PM

Wednesday March 10, 2010

NESAF Winter Meeting 2010

On Our Watch: Forests in Transition

8:00 AM to 5 PM

Lobby
Registration

ALL DAY

Amherst and Merrimack Rooms
Exhibitors

Designated Times

Portsmouth Room
Poster Viewing (8:00 AM - 9:00 AM; 10:15 AM - Noon; 2:15 PM - 3:30 PM; and 5:00 PM - 6:00 PM)

8:00 AM to 9:00 AM

Working Group Business meetings Front: A-Resources Measurements (A1-Inventory, A2-Remote Sensing, A3-Biometrics, A4-Geographic Information Systems)
Chair: Spencer Meyer

Working Groups Business meetings Front: B-Forestry Systems (B1-Nonindustrial Private Forestry, B2-Urban and Community Forestry, B3-International Forestry, B4-Agroforestry)
Chair: Roger Monthey

Working Groups Business meetings Front: D-Management and Utilization (D1-Forest Genetics and Tree Improvement, D2-Silviculture, D3-Forest Production and Utilization, D4-Fire, D5-Forest Pathology and Entomology)
Chair: David Hall

Working Group Business meetings Back: C-Ecology and Biology (C1-Forest Ecology, C2-Soils, C3-Water Resources, C5-Wildlife and Fish Ecology, C6-Physiology)
Chair: Bob Brooks

Working Group Business meetings Back: E-Decision Sciences (E1-Economics, Policy and Law, E2-Land Use Planning, E4-Management Science and Operations, E5-Technology Assessment and Future Analysis, E6-Sustainability and Forest Certification)
Chair: Jim Harding

Working Group Business meetings Back: F-Social and Related Sciences (F1-Wilderness Management, F2-Recreation, F3-Education and Communication, F4-Human Resources, F5-Philosophy and History)
Chair: Jessica Leahy

9:00 AM to 10:15 AM

Topic: Sustainability from the Forest to the Board Room
Moderator: Deirdre Raimo, US Forest Service, State & Private Forestry
Speakers: **Corporate Environmental Responsibility**, Shelley Mitchell, Ph.D Candidate at UNH Natural Resources and Environmental Studies Program; **Example of Corporation Addressing Environmental Responsibility**, John Sobczak, The Ram Companies; **Motivating an Organization to Change Its Culture**, Ruth McWilliams, US Forest Service (retired).

Topic: David M. Smith Legacy: Lessons I learned from Dave
Moderator: Mark Ducey, University of New Hampshire
Speakers: Bob Seymour, University of Maine; Matt Kelly, University of Massachusetts; Dave Kittredge, University of Massachusetts; Chad Oliver, Yale University

Topic: Point-of-Harvest Certification for Forest Products and Practices
Moderator: Joe Smith, Director of Industry Services, The Trust to Conserve Northeast Forestlands
Speakers: **Northeast Master Logger Certification and its Relation to Other Certification Systems**. Kate Read, Director of Harvest Certification, The Trust to Conserve Northeast Forestlands; **The Rainforest Alliance's Smart Logging Certification**. Richard Donovan, Senior Vice President and Chief of Forestry, Rainforest Alliance; **Integrating Certification Into the Logging Business**. Jack Bell, Operations Manager, Longview Forest Contracting.

10:15 AM - 10:45 AM

Amherst and Merrimack Rooms
Exhibitors/Break
Portsmouth Room - Poster Viewing (continues until Noon)

10:45 AM - NOON

Parking Lot
Equipment Demos

Topic: Accounting for Change: The Latest on Forest Carbon Sequestration and Offset Markets
Moderator: Linda Heath, US Forest Service, Northern Research Station
Speakers: **Carbon, Forests, and Management in Northern New England**. Coeli Hoover, US Forest Service, Northern Research Station; **Forest Carbon Offsets: The Latest on Standards and Practice**. John Gunn, Senior Program Leader, Manomet Center for Conservation Sciences; **New England Forests 2100: Evaluating Climate-driven Changes in Northeastern North American Forests**. Lindsey Rustad, US Forest Service, Northern Research Station.

Topic: Land Use Planning for Natural Resource Specialists
Moderator: Susan Cox, US Forest Service, State & Private Forestry
Speakers: **Planning for Natural Resources at the Local Level**. Cynthia Copeland, Executive Director, Stratford County Regional Planning Commission, New Hampshire; **Natural Resource Based Planning - a Regional Perspective**. Steve Whitman, Professional Planner and Adjunct Faculty at Plymouth State University, New Hampshire.

NOON to 2:00 PM

Grand Ballroom
Awards Luncheon

2:15 PM to 3:30 PM (In addition to activities listed below for this time slot, Poster Viewing continues in Portsmouth Room)

Parking Lot
Equipment Demos

Topic: Poster Session Talks
Moderator: Roger Monthey, US Forest Service, State & Private Forestry

Topic: Exhibitor Demos

3:30 PM to 3:45 PM

Amherst and Merrimack Rooms
Exhibitors/Break

3:45 PM to 5:00 PM

Topic: Prescribed Fire in New England Silviculture
Moderator: Dick Weyrick, University of New Hampshire
Speakers: **The Role of Cooperative Forestry in Prescribed Fire Programs**. Andy Fast, Univ. of New Hampshire Cooperative Extension; **Experimental Burning at the Massabesic Experimental Forest**. Bill Leak, Mariko Yamasaki, and Jonathan Janelle, US Forest Service, Northern Research Station; **Prescribed Fire on the White Mountain National Forest**. Erin Small, White Mt. National Forest; and **Prescribed Fire on TNC Lands in Maine and New Hampshire**. Parker Schuerman, The Nature Conservancy.

Topic: Panel - Making Forestry Pay: Lessons from the Northern Forest Investment Zone
Moderator: Joe Short, Northern Forest Center
Panelists: Joe Short, Program and Policy Director, Northern Forest Center; John Gunn, Senior Program Leader, Manomet Center for Conservation Sciences; Steve Rohde, President, Sustainable Forest Futures.

Topic: Urban Forestry in New England: Changing the Way We Manage Community Trees
Moderator: John Parry, US Forest Service, State & Private Forestry
Speakers: **i-Tree Tools**. Dave Bloniarz, US Forest Service, Northern Research Station; **Urban Forestry in New Hampshire**. A.J. Dupere, New Hampshire Division of Forests and Lands; **Urban Forestry Strike Team**. John Parry, US Forest Service, State & Private Forestry.

Post 5:00 PM

Portsmouth Room - Poster Viewing, 5:00 PM - 6:00 PM
Grand Ballroom - School Receptions, Karaoke

NESAF Winter Meeting 2010

On Our Watch: Forests in Transition

8:00 AM to 8:30 AM

Hotel Lobby - Free Coffee

8:30 AM to Noon - Field Trips

Field Trip: Urban Forestry in Nashua, NH

Transportation: Two vans will be provided for transportation. Plan on meeting at the hotel at 8:30 AM.

Tour Leaders: A.J. Dupere, New Hampshire Division of Forests & Lands; and John Parry, US Forest Service, State & Private Forestry.

With 87,000 residents, Nashua is the second largest city in New Hampshire. These citizens receive many benefits and also have a big impact on the community forest. City Parks Director Nick Cagianno along with NH State Urban Forestry Coordinator A.J. Dupere will show and talk about the successes and challenges of managing trees in Nashua. Stops and discussion will include planting and maintaining trees in city parks and on streets, managing community woodlands, Nashua's ongoing public tree inventory, dealing with storm damage to the urban forest, and working with community volunteer groups.

Field Trip: New England Wood Pellet, Jaffrey, NH

Transportation: Travel is in your own vehicle. Plan on meeting at the hotel at 8:30 AM for an approximately 75-minute drive from Nashua, NH to Jaffrey, NH. Carpooling is preferred. Tour will run about 1.5 hours, so round trip time will be approximately 4 hours. Light refreshments will be provided.

Tour Leader: Charlie Niebling, New England Wood Pellet.

New England Wood Pellet is the largest manufacturer and distributor of wood pellet fuels in the northeast U.S., with facilities in NH, MA and NY. Tour goers will visit the company's state-of-the-art flagship plant in Jaffrey NH, a 90,000 ton per year capacity plant that purchases nearly 200,000 green and kiln-dried tons of clean mill residues, roundwood chips and roundwood annually from almost 100 suppliers, providing a vital market throughout central New England. We'll discuss the need for a sustainable supply of biomass for pellet manufacturing and other energy needs across the region, the manufacturing process, sales and distribution, new technologies for residential and commercial heating, and renewable energy policy as it applies to biomass thermal energy.

Field Trip: Beaver Brook Silviculture Tour, Hollis, NH

Transportation: Travel is in your own vehicle. Plan on meeting at the hotel at 8:30 AM to receive travel maps and information packages. The field trip site is 15 minutes from the hotel.

Tour Leaders: Peter Smith, Forest Manager, Beaver Brook Association; Craig Birch, Consulting Forester; Kyle Lombard, Forest Health Program Director, New Hampshire Division of Forests & Lands; and Jonathan Nute, University of New Hampshire County Extension Forester.

Beginning with just 12 acres of land in 1964, cousins Hollis Nichols and Jeffrey Smith established the Beaver Brook Association (BBA) in Hollis, NH to conserve rural lands and educate youth and adults about the natural environment. Today, BBA owns more than 2,000 acres in 3 towns and manages some of the finest white pine stands in the state. This field tour will visit stands with a documented history of silvicultural practices, see the result of planting "superior" white pine seedlings, and discuss strategies for managing a stand recently diagnosed with caliciopsis fungus infection which has produced "zombie" pines! For you hardwood lovers, we will also visit a stand of spectacular veneer grade red oaks and discuss harvest strategies.

8:30 AM to Noon - Training Sessions

Training Session: GIS on Pennies a Day

Instructor: Shane Bradt, UNH Cooperative Extension

(Limited to first 20 registrants. \$20 fee. Computers provided or bring your own laptop) Learn GIS basics and explore a variety of GIS programs you can get for little or no cost (for PC's and Macs)! This course is useful for people who have no prior GIS experience and GIS users interested in low cost options. The GIS world has experienced an explosion of free and inexpensive programs that allow users to make maps, edit data and perform geographic analysis without breaking the bank. In this workshop, participants will learn the pros and cons of numerous free GIS programs. We will also cover GIS basics, common types of GIS data, and getting free GIS data in NH. The instructor is Shane Bradt, UNH Cooperative Extension.

Training Session: Double Sampling

Instructor: Ken Desmarais, New Hampshire Division of Forests and Lands

(Bringing your own laptop computer is suggested) Angle count sampling (prism cruising) was first introduced to American foresters in 1952. The new method made sampling far more efficient than the traditional method of sampling that used fixed area plots. American foresters were initially suspicious of the technique but with time and trial, fully accepted it as the primary sampling technique for forest management. A modification of angle count sampling developed by forest biometricians in the Pacific Northwestern United States and Canada uses two phase sampling techniques and has been in use for about 10 years. This technique often referred to as "Big BAF" sampling breaks up the cruising into its two inherent parts: (i) sampling for basal area per acre and (ii) sampling for some characteristic associated with the basal area per acre such as average VBAR. Sampling each part based on its estimated variability has been shown to be much more efficient. In the western United States Big BAF sampling has been successful in reducing inventory costs. In the extremely variable woodla

When researchers at the Caroline A. Fox Research and D

Training Session: Computer and Web-based Tools for Accessing and Analyzing US Forest Service FIA Data

Instructors: Liz LaPoint, US Forest Service Northern Research Station, and Paul Van Deusen, National Council for Air and Stream Improvement (NCASI)

(Bringing your own laptop computer is suggested) This information workshop and scoping session will enable users to understand the potential of the main web tools based on USDA Forest Service, Forest Inventory and Analysis (FIA) data for retrieving data, analysis, and developing maps and reports for forest characteristics, including carbon accounting. Tools such as FIDO and Evaluator, and the Carbon OnLine Estimator (COLE) will be discussed. A second objective of this session is to gather feedback from the user community on tool design and needs.

Thursday March 11, 2010