



Winter 05-06 Issue

# Association of Natural Resource Extension Professionals Newsletter

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## Ideas for More Member Benefits

We have an outstanding set of educational materials awards given to deserving members each year - thirteen in all! The program as proven to be very competitive. In fact, it is one of the major reasons members give for joining ANREP in the first place.

What would make the awards program even more attractive would be to add a financial award to go along with the plaque and recognition. Cash awards in the \$250 - \$300 range seem to be appropriate. One way to accomplish that is to attract sponsors for the awards program. Other associations do this and it has been very successful for them. I think this should be a priority item for the

Board to consider in 2006.

Another way to generate funds for the award program would be to establish an ANREP Foundation with funds generated from past and future Galaxy conferences, endowments, gifts and other means. Foundation assets in the long run would be great enough to greatly expand benefits to our members. For example, we could use the funds to establish additional awards like those to recognize outstanding work in leadership development, advocacy, and a host of other categories.

We do have a travel scholarship program available for members to attend the biennial meeting. Funds are still limited for this but

I see great potential for expanding the program. To me, attending our national meeting is the best part of being an ANREP member. There is just no comparison to getting a chance to share ideas and see all of the outstanding work Extension professionals are doing in natural resources all across the country.

I'm looking forward to the opportunity to be your president in 2006. Please contact me with any of your thoughts and comments about the awards programs or any other program we have or should have.

Ben Jackson

President (Jan 2006)

## Reaching Woodland Owners Online

Extension programs continually seek ways to reach and engage new audiences. As internet adoption rates climb, the web presents an ever greater opportunity to do so. But how to do it right?

The University of Minnesota Extension Service has just released a new study of internet resources targeting family forest owners. Drawing on the insights of Minnesota's forestry community and the managers of 21 existing sites nationwide, the report includes 10 recommenda-

tions to guide the development of new internet resources targeting family forest owners.

The full report is available at <http://www.extension.umn.edu/woodlands/internet>. Feel free to distribute the report to colleagues.

This study was sponsored by the Blandin Foundation, the University of Minnesota Extension Service, and the University of Minnesota College of Natural Resources.

Please send any thoughts or

responses to the report's content to [esagor@umn.edu](mailto:esagor@umn.edu)

Eli Sagor, Extension Educator and Interim Area Program Leader  
Natural Resources and the Environment  
University of Minnesota Extension Service  
1530 Cleveland Avenue North,  
St Paul, MN 55108  
[esagor@umn.edu](mailto:esagor@umn.edu), ph (612) 624-6948, fax (612) 625-5212  
<http://www.extension.umn.edu/woodlands/>

## General Forestry Correspondence Course



"The more I learned,  
the more I wanted to  
know."



The General Forestry Correspondence Course is an excellent program for someone who knows little or nothing about their forest or forestry. There are no prerequisites and all that is needed is access to a woodlot and a desire to learn. Individuals will increase their understanding of forests and forest management, particularly Maryland forest landowners and other citizens with an interest in forestry. Since the General Forestry Correspondence Course began in Spring 2000, nearly 250 participants have enrolled. However, interested persons do not need to be landowners to enroll in the course, nor do they need to hail from Maryland to gain useful knowledge applicable to their area of the country. Because the forestry techniques and concepts apply throughout North America, the course has been enjoyed by participants from Maine to California, from Texas to Manitoba, and even Alaska.

The length of the course is approximately 3 ½ months and consists of a notebook of 26 lessons divided into six units consisting of an overview of worldwide forest resources, Maryland's forests, a brief history of forestry, and a description of the governmental agencies that regulate and manage forests; basic tree physiology, tree identification, forest ecology, and the distribution of the various types of forest cover; the art and science of silviculture, forest health, and protection of the forest from insects, diseases, and fire; the process of conducting a forest inventory, stand analysis, and interpreting data; elements of a forest management plan and the management choices available to the forest landowner; and a description of the sale, harvest, and manufac-

ture of forest products. Several of the exercises require that you spend time with your trees and collect information about your forest. Ultimately, the course exercises help in the development of a forest management plan. A certificate of completion is awarded when all assignments are completed.

The General Forestry Correspondence Course is offered twice a year: Spring (February 1 to May 20) and Fall (September 1 to December 15). The same material is covered in both semesters. The registration fee is \$150 and all the materials are provided, including self-addressed stamped envelopes for returning the questions. Materials consist of the General Forestry Correspondence Course text notebook with unit questions, appendices packed with more than 50 resources, and supplemental readings: *A Sand County Almanac* by Aldo Leopold; *The Woodland Steward: A Practical Guide to the Management of Small Private Forests* by James Fazio; *American Forests, A History of Resiliency and Recovery* by Douglas MacCleery; and a small tree guide entitled *What Tree Is That? A Guide to the More Common Trees Found in Eastern and Central U.S.* by the National Arbor Day Foundation.

Response to the forestry course has been overwhelmingly positive. Surveys returned by participants indicate that:

- almost three-quarters of the management plans have been initiated or updated, potentially impacting nearly 5000 acres.
- 68 % of the responding landowners changed or

adopted new forest management practices

- three-quarters of the participants talked with their family about their forests and more than 40 % sought the advice of a professional forester.
- 40 % of the landowners either benefited or expected to benefit financially from the course by as much as \$10,000.
- almost all respondents would recommend the course to others.

Participants gave the General Forestry Correspondence Course high marks, indicating that this course altered their perception of their forest, enhanced job performance, impacted career choices, and increased their understanding of forestry issues and management techniques. Furthermore, participants expressed a desire to continue in their pursuit of knowledge or, as one participant put it, "The more I learned, the more I wanted to know."

Nancy Stewart

University of Maryland

Maryland Cooperative Extension

Wye Research and Education Center

PO Box 169

Queenstown, MD 21658

Phone: 410-827-8056, ext. 112

Email: [nstewart1@umd.edu](mailto:nstewart1@umd.edu)

**ANREP Northeast Regional Report and Highlights**  
**Nick Polanin, NE Representative**

**CONNECTICUT** - *The Green Valley Institute* - <http://thelastgreenvalley.org/gvi/>

The GVI targets audiences who most influence land use in the Corridor, including private landowners, municipal boards and commissions, Corridor land trusts and local builders/contractors. Our goal: to insure they have the information, knowl-

edge and resources they need to make good land use decisions as they plan for the future. Our vision: that one day, land use and natural resource-related decisions, at every level from the individual landowner to the Corridor as a whole, will be made by informed individuals who have up-to-date information and the resources to follow through. The

GVI was created through a formal partnership between the Quinebaug-Shetucket National Heritage Corridor and the University of Connecticut's College of Agriculture and Natural Resources. Its programs are made possible through active involvement of the Corridor's Natural Resources and Agriculture (NRA) Committee.



**DELAWARE** - *The Delaware Water Resources Center* - <http://aq.udel.edu/dwrc/index.html>

Delaware has more than 2,509 miles of rivers and streams, and 2,954 acres of lakes and ponds that have been classified using the federal Clean Water Act's rating system of designated uses (such as drinking water supply, swimming, fishing, etc.). Delaware has promulgated surface water quality standards that are

designed to protect the designated uses of each classified water body in the State. While Delaware's rivers and streams generally meet the standards for their designated uses, the Department of Natural Resources and Environmental Control (DNREC) has found that 79% do not support the swimming use and 62% do not support the fish and wildlife uses. The major causes of non-attainment of designated uses of Delaware's water

resources are high levels of pathogenic bacteria, nutrient over-enrichment, toxics, and degradation of physical stream habitat. The majority of the water quality standard violations are due to non-point source pollution impacts. Due to the development pressures in northern Delaware and the coastal resort areas, attention to these issues is essential to protect the State's water supply.



**MARYLAND** - *Biosolids & Forests* - <http://www.naturalresources.umd.edu/biosolids.html>

Many citizens have negative perceptions and concerns about forest application of biosolids that include those related to health and safety, but these concerns have been addressed in King County by sound education and decades of experience. Deep-row application of biosolids on

gravel reclamation sites is a unique alternative land application method that solves many of the problems associated with surface application techniques. When combined with the growth of nitrogen demanding hybrid poplar trees, it provides a natural recycling system that utilizes nutrients on-site, produces forest products, generates wildlife habitat, and reduces erosion while reclaiming abandoned, biologically dead soils created by sand

and gravel surface mining operations. Starting in January 2002, the University of Maryland has partnered with a private company in Prince George's County, who has been using this natural recycling technique with no negative water quality impacts since 1983. The three-year research project intends to use replicated research to better understand the deep row application and its effect on water quality and tree growth.

**MAINE** - *Maple Syrup Grading School* - <http://www.umext.maine.edu/YMW2005/natresources.htm>

Maine currently sells 90 percent of its maple syrup crop at bulk prices to out-of-state dealers and processors. A grant from the Maine Agricultural Center helped

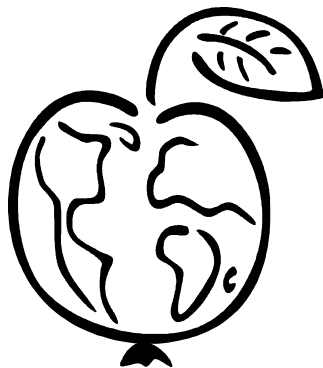
fund the first-ever certified New England Maple Grading School, a joint collaboration of the Vermont Agency of Agriculture, Food and Markets; University of New Hampshire Extension, and UMaine Extension. Over the three-day program, 33 participants from six states and the province of Quebec learned ma-

ple syrup grading techniques. The course focused on key elements of grading: density, color, clarity, and taste. Participants said the program was an outstanding opportunity to acquire the skills they need to be better maple graders.



## ANREP Northeast Regional Report and Highlights (Cont. from pg 3)

Nick Polanin, NE Representative



**MASSACHUSETTS** – *The Boston 4-H Urban Steward* – <http://www.bostonurbanstewards.org>

ANREP member Renée Toll-DuBois reports that UMass (Amherst) Extension's Communities, Families and Youth Program, has had a successful year with its community engagement through the environment program that focuses on environmental stewardship, primarily of the urban and community forest in Boston. ([www.umass.edu/cfy/community\\_initiatives/environ\\_ed.htm](http://www.umass.edu/cfy/community_initiatives/environ_ed.htm)) Teens have been engaged in assessing street tree health and maintenance needs, collecting inventory

data on species and location of more than 250 public trees using GPSGIS technology; have assisted in the restoration of native woodland understory and riparian habitats, planted new trees, cleared invasives, helped restore an historic meadow in a state park, working alongside natural resource and environmental educational professionals, community advocates and activists, college interns, community foresters and UMass faculty. BUS youth continued to further the citywide tree inventory efforts of Urban Ecology's Community Forest Partnership. Through hands-on community-based

work, educational workshops and field trips featuring green industry professionals at the state, municipal and community-based level, groups of 5-12 youth with an adult advisor focus in three major arenas: a) Assessing and improving the physical condition of public trees and urban green space in collaboration with Boston Parks Dept. and other responsible parties

b) Increasing public awareness of urban forestry issues, and c) Increasing community participation in stewardship activities and the adoption of stewardship values, ethics and behavior

**NEW HAMPSHIRE** - *The NH Coverts Project* - <http://ceinfo.unh.edu/Wildlife/NHCovrts.htm>

Modeled on similar Coverts Projects in other states, the name of the NH program symbolizes the Project's focus on wildlife habitat. The NH Coverts project is sponsored by: UNH Cooperative Extension, New Hampshire Fish and Game, New Hampshire Division of Forests and Lands, the Ruffed Grouse Society,

USDA Forest Service State and Private Forestry and the US Fish & Wildlife Service. Each fall, 25 enthusiastic landowners and other conservation-minded folks, along with a team of natural resource professionals gather at a rustic camp in southern New Hampshire. "Coverts Cooperators" are landowners, teachers, business people, writers, local decision-makers—people willing to share their experiences and

motivate others. In exchange for the fall training (meals, lodging, and resource materials are paid by program sponsors), participants agree to return to their communities and motivate others to become stewards of the state's wildlife and forest resource. Volunteers become part of the Coverts network connected through newsletters, field tours, reunions, and workshops.

**NEW JERSEY** - *Sprawl and Forest Cover* - <http://www.rcrc.rutgers.edu/environotes/>

Development in northwestern New Jersey has caused less loss of forest cover than in southwestern New Jersey. This is one of the findings in the recent paper by Kristi MacDonald and Tom Rudel, from Cook College's Department of Ecology, Evolution and Natural Re-

sources and the Department of Human Ecology, respectively. Titled "Sprawl and forest cover: what is the relationship?" the paper explains the difference by the fact that concern for protections of view sheds and the difficulties and hazards of building on slopes led northwestern municipalities to largely protect forested uplands at the price of increased housing cost for the area. In southwestern

municipalities the lack of "scenic amenities", as they term it, caused developers and towns to site primarily with convenience to major roads as a priority. This eliminated more equally forest and farmland, little of which was protected. The study also finds that some developed areas have gained modest amounts of forest cover in recent years.

**WEST VIRGINIA** - *The Appalachian Hardwood Center (AHC)* - <http://ahc.caf.wvu.edu/>

ANREP member David W. McGill, Ph.D., Forest Resources Extension Specialist, reports on the highly successful Appalachian Hardwood Center (AHC). Established in 1987 by the West Virginia Legislature, the AHC provides technical and research support for the state's growing wood products industry. The AHC is a center of excellence for outreach; extension and technology transfer; professional development; and applied research. The AHC serves

sustainable natural resource-based businesses and communities as well as private forest landowners and natural resource professionals in the Appalachian forest region. The AHC houses Extension Specialists in the areas of forest management, forest operations, and wildlife management. Some of the AHC ongoing research and education projects include the WV Coverts/Master Forestland Owner project, the Forest Stewardship Program (FSP), Robin Maille (Extension Program Specialist), the new Outreach and Education

Coordinator who will develop newsletters, technical information binders, and workshops for the approximately 4000 participants in the West Virginia program, Log and Lumber Truck Safety, including Ben Spong, Forest Operations Extension Specialist, who will be working with loggers and private landowners to improve logging practices in West Virginia, Timber Market Survey and Reports; Southern Agriculture and Forestry Tour; and the Appalachian Forest Heritage Area.

**ANREP Northeast Regional Report and Highlights (Cont. from pg 4)**  
**Nick Polanin, NE Representative**

**NEW YORK - ANREP State Chapter Awards**  
 - <http://www.dnr.cornell.edu/ext/nyanrep/>

ANREP member J. Rebecca Hargrave, Community Horticulture and Natural Resources Extension Educator, reports that the state chapter presented the following awards:

**Program of Excellence:**

"Manipulation of Watersheds through Agricultural Best Management Practices- Nutrient Fluxes, Fate and Transport and Biotic Responses" by the Northwest New York Dairy, Livestock and Field Crops Team, Nate Herendeen- Field Crops Specialist, Nancy Glaizer Richenberg, Tech Associate.

Over three years the team met with individual farm operators to assist with BMP plans and implementation. Three tours and training sessions were held for agriculture professionals, farmers, and Extension Educators. Two research and demonstration plots were created to test soil phosphorous levels at local farms. Various newsletter and newspaper articles were written in addition to the full-color publication "Agricultural Best Management Practices for Conesus Lake."

**Innovative Outreach Award:**

"Certified Arborist Training" by Richard W. Harper, IPM Extension Educator/Certified Arborist - CCE Westchester County, and Stephanie D. Mallozzi, Horticulture Team Coordinator- CCE Dutchess County

A comprehensive training and certification program for the International Society of Arboriculture's Certified Arborist Program was developed. In 2004 and 2005 two ISA-Certified Arborist training series were held for 41 participants. 75% of the arborists taking the trainings obtained their ISA Certified Arborist certification.

**David Allee Campus/County Connection Award:**

"Urban Silviculture Project- Engaging Community Youth in Urban Forestry Education and Research" by: Dennis Bader- Extension Associate, Bryan Dailey- Extension Associate, Caroline Tse- Extension Associate, and Gretchen Ferenz- Program Leader Urban Environment, CCE New York City; Tom Whitlow- Associate Professor, Horticulture, Art DeGaetano, Associate Professor, Earth and Atmospheric Sci-

ences, and Nina Bassuck, Professor, Horticulture, Cornell University.

The Urban Silviculture Project is a collaboration between CUCE-NYC's Urban Environment Program and Cornell University Faculty, which started in NYC in 2001 to study the capacity of trees to remove airborne particulates, and to provide informal education focused on urban trees and the linkage between environmental quality and human health. The project was targeted to the South Bronx, which has one of the highest child asthma rates in the country. The Urban Silviculture Project has reached over 1,000 residents through 'Researchers in Training'- local teens in hands-on learning about the importance of trees and tree health to environmental quality and their participation in research methods both in NYC and at Cornell University; 'Community Mapping of Tree Cover' where students learn and collect about the condition of their community's trees through information technology; and the project web site <http://www.cce.cornell.edu/programs/urbansilviculture>.

**PENNSYLVANIA - Pennsylvania Forest Stewards** - <http://mrext.cas.psu.edu/Stewardship.html>

The 17 million forested acres covering the state have incalculable cultural and social value to the residents and visitors of Pennsylvania. This program assists private forest landowners with taxes, property easements, nontimber forest products, agroforestry, and maple syrup production and helps them achieve

their objectives for their land. Extension faculty produces publications; refer landowners to district and consulting foresters, and train district foresters, consulting foresters, and private landowners. Pennsylvania Forest Stewards (formerly known as VIP-COVERTS) initially receive approximately 40 hours of classroom and field training in forest ecology, biodiversity, silviculture, wildlife science, environmental resource management and other

subjects related to stewardship. In exchange, VIPs agree to invest a like amount of their time relaying what they have learned to motivate forest landowners in their communities. Pennsylvania Forest Stewards volunteers are part of the Pennsylvania Forest Stewardship Program. The program provides forestland owners with information and assistance to promote healthy and productive forests.

The 17 million forested acres covering the state have incalculable cultural and social value to the residents and visitors of Pennsylvania

**VERMONT - Watershed Alliance** - <http://www.uvm.edu/~uvmext/environment/>

The University of Vermont (UVM) Watershed Alliance (WSA) is a partnership of UVM Extension, Lake Champlain Sea Grant, and the Rubenstein School of the Environment and Natural Resources. The primary objective

of the UVM Watershed Alliance is to increase awareness and knowledge of watershed issues in Vermont youth. The Watershed Alliance provides curriculum materials, equipment, and Watershed Educators to schools and youth groups participating in our program, as well as support and guidance for teachers in

designing programs in which children learn about watersheds and related water issues.



**THE UNIVERSITY OF VERMONT**

## 2006 ANREP Officers (As of Jan 1, 2006)

The 2005 ANREP officer election results can be found below:

President: Ben Jackson  
President-Elect: Viviane Simone-Brown  
Immediate Past President: Janean Creighton  
Treasurer: Larry Biles  
Southern Region Representative: Will Sheffhall  
Western Region Representative: Alix Rogstad

Congratulations to our winners, and thank you for your willingness to serve ANREP.

Andy

Dr. Andrew J. Londo  
Associate Professor & Extension Forestry Coordinator  
Department of Forestry  
Box 9681

Ken Gioeli, Editor  
University of Florida  
St. Lucie County Cooperative  
Extension  
8400 Picos Road, Ste 101  
Fort Pierce, FL 34945  
Phone: 772-462-1660  
Fax: 772-462-1510  
Email: ktgioeli@ifas.ufl.edu

**We're on the  
Web!  
[www.ANREP.org](http://www.ANREP.org)**

## 2006 ANREP Conference

Park City, UT  
May 14-17, 2006

The purpose of this conference is to help Extension professionals and those who work with them share their programming successes and challenges and learn from others – to facilitate communication, cooperation and networking among natural resource Ex-

tension educators. This interaction will strengthen Extension program needs assessment, development, delivery, and impact evaluation skills, thus enabling participants to better address traditional and emerging issues important to a diverse clientele. Sharing of information and experiences will foster multi-state, multi-institutional, and global collaborations.

Other important outcomes include building a cohesive, structured, multi-disciplinary support base for Extension natural resource programs in the future, and enhancing the visibility, credibility, and relevance of natural resource programs in the context of Extension's overall mission.

For additional info, please go online <http://www.anrep2006.org>

### Up-coming Events

[Research Triangle Universities Symposium on Environmental Conflict Resolution](#)

February 10, 2006  
Raleigh, NC

[Rivers Run Through Them - Landscapes in Environmental History](#)

March 29-April 2, 2006  
St. Paul, MN

[2006 National ANREP Conference](#)

May 14-17, 2006  
Park City, UT

### Position Announcements

[Regional Extension Educator - Housing Technology](#)

University of Minnesota Extension Service  
St. Paul, MN  
Deadline: December 13, 2005

[Forest Management Outreach Specialist](#)

North Carolina State University  
Coastal Plain Area, NC  
Deadline: December 31, 2005

[Green Infrastructure and Forestry Urban Interface Associate](#)

North Carolina State University  
Central Piedmont Area, NC  
Deadline: December 31, 2005

[Wood Products Manufacturing Associate](#)

North Carolina State University  
Asheville area (TBD), NC  
Deadline: December 31, 2005

[Forest Management, Utilization and Harvesting Associate](#)

North Carolina State University  
Central Coast Plain area (TBD), NC  
Deadline: December 31, 2005

[Rural Tourism Development Outreach Specialist](#)

North Carolina State University  
Northwest North Carolina area (TBD), NC  
Deadline: December 31, 2005

[Natural Resource Manager](#)

Environmental and Extension Services Department  
Charlotte County, FL  
Deadline: December 31, 2005

[Assistant Professor - Forest Utilization and Economic Sustainability](#)

The University of Florida  
Milton, FL  
Deadline: January 18, 2006

[Extension Agent: Forestry and Natural Resources](#)

Virginia Tech  
Various (Southeast, Northeast and Central Districts), VA  
Deadline: January 20, 2006

[Assistant Professor of Natural Resource Policy and Management](#)

Cornell University  
Ithaca, NY  
Deadline: January 31, 2006