



Soil Compaction and Productivity:

Clarifying When You Might Be Out of Bounds

March 6-8, 2007
Stoney Creek Inn
 Mosinee, Wisconsin

By Terry Strong, Northeast Wisconsin SAF Chapter Chair

The Northeast Chapter of the Wisconsin Society of American Foresters and The Great Lakes Basin Program for Soil Erosion and Sediment Control are co-sponsoring a training conference focusing on soil compaction and productivity. The meeting will begin with presentations on forest soils and management issues in the Lake States as well as Wisconsin soil disturbance guidelines for state lands. Scientists and professionals in the field of forestry will present research results from studies on soil disturbance and the impact that occurs in various forest timber types. Perspectives from various organizations will also be shared regarding associated soil disturbance issues. The meeting will end with a panel discussing the issues and findings presented at the meeting.

Visit the Wisconsin SAF Website for a detailed agenda and registration form:
<http://www.wisaf.org/>

Wisconsin SAF News is produced quarterly for Wisconsin Society of American Foresters members.

Articles and photos are welcomed. Submit them to
Kirsten.Held@Wisconsin.gov
 The deadline for the next issue is April 30, 2007

Visit Wisconsin SAF online at
<http://wisaf.org> and submit updates for the Website to
Paul.Pingrey@Wisconsin.gov

Education or Communication?

By Jim Kerkman

I have been serving as your state Communications Chair since about 2002. During that time there has been some confusion about the differences between the Communications and the Education Committees. They seem to have similar goals, mainly to educate the public about forest management. A few years ago the Executive Committee was discussing who should be in charge of updating and maintaining the WISAF traveling display. The goal of the display was to promote forest management to the public, increase society membership, and highlight the goals and accomplishments of WISAF. All of these goals can be considered as both communications and education.

Maybe some of the confusion can be cleared a little by looking at the responsibilities of each committee as they are described in the WISAF Membership Handbook (a .pdf copy of the handbook is posted on our website www.wisaf.org).

OAK 2006 International Conference

By Jim Kerkman

About 100 international forest scientists and managers gathered on September 21-27, 2006 at Stevens Point for the OAK 2006 International Union of Forest Research Organizations (IUFRO) Conference. Wisconsin SAF was one of the conference sponsors. Participants came not only from different parts of the U.S. but also from Austria, Bosnia-Herzegovina, Canada, Croatia, Germany, Ireland, Japan, Poland, and Romania for the conference entitled "Advances in the principles and practices of oak silviculture and genetics."

Approximately fifty oral presentations and posters presented current research results on oak ecology, silviculture and genetics. Principles of oak management for valuable timber production were shown, as well as oak resources in different countries, regeneration methods, influences of overstory conditions and weed competition on oak regeneration, and afforestation of oak in agricultural floodplains. The role of environmental factors in oak decline and mortality, oak pathogens, wilt and diseases were addressed. Finally, effects of management practices of oak on forest interior birds, amphibians, reptiles, small mammals, insect herbivore diversity, vegetation, carbon storage, harvest damage, and *Armillaria* infection were presented as well.

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WORDS FROM THE CHAIR

By Gary Vander Wyst

I hope the new year has gotten off to a good start for everyone. I would like to offer some goals and objectives for Wisconsin SAF in 2007 in the form of New Year's resolutions:

- Forest Stewardship – This should be one of our primary priorities. It is the reason we are in the profession of forestry and what we, as an organization, are trying to encourage landowners to practice.
- State and National Issues- As a professional organization, we need to address issues when they arise. Whether through legislative action or over a cup of coffee, we need to speak as one voice supporting Wisconsin SAF policies.
- Improve effectiveness in shaping public policies that shape our management of the forests.
- Strengthen the effort for tangible forest products besides the traditional pulp, paper and sawtimber.
- Assist landowners (public, private, industrial) to understand the adverse results of deteriorating forests due to forest health conditions and unsatisfactory situations.
- In 2006, nationally it was the worse year in forty-five years for loss of forests due to fire. There seems to be a mood, that as a profession, we are becoming complacent of fires destroying the green forests.
- We, as a professional society, have an opportunity and obligation to educate the public and policy makers to go forward and have a low tolerance of such forest losses due to fire in 2007.
- Encourage research and provide continuing education at all levels...not just for the public...but for ourselves.



*Chair
Gary
Vander
Wyst*

- One of the challenges I see for 2007 is the stabilizing and building of our membership. It is something we all must work hard at attaining. If WI-SAF is to make strides forward, we need to represent all members of the profession. A larger membership base can carry-out and react to our current and future programs. I and the members of the WI-SAF need the wide breadth of talent and skills across the profession.

In closing, I see forestry as still relevant to meeting the needs of Wisconsin SAF and our profession. Thanks to those of you who provide encouragement for me in the role as Wisconsin SAF Chair. It is greatly appreciated as we continue our career course to success.

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Thanks to the following who are serving as Wisconsin SAF leaders in 2007:

<u>Leadership Role</u>	<u>Member Name</u>	<u>Email Address</u>
Region V rep	Bernard Hubbard	forestmeister@sbcglobal.net
Chair	Gary Vander Wyst	Gary.VanderWyst@Wisconsin.gov
Chair Elect / Communications	James Kerkman	James.Kerkman@emh2.mccoys.army.mil
Secretary	Will Smith	wjsmith@fs.fed.us
Treasurer	Julie Peltier	Julie.Peltier@Wisconsin.gov
Chippewa Chapter	Jay Gallagher	James.Gallagher@Wisconsin.gov
Fox River Valley Chapter	Curt Wilson	Curt.Wilson@Wisconsin.gov
Mid-Wisconsin Chapter	Randy Schott	Randy.Schott@Wisconsin.gov
Northeast Chapter	Terry Strong	hodag68@yahoo.com
Southeast Chapter	Jeff Kante	jkante@chenequa.org
Southwest Chapter	Teague Prichard	Teague.Prichard@Wisconsin.gov
UWSP Chapter	Kenneth Price	kpric846@uwsp.edu
UWSP advisor	John Houghton	John.Houghton@uwsp.edu
Membership	David Czysz	David.czysz@storaenso.com
Programs	Jan Harms	jharms@uwsp.edu
Foresters Fund	Jeff Barkley	Jeffrey.Barkley@Wisconsin.gov
CFE	Jerry VanCleve	jvanclave@fs.fed.us
Awards	Paul DeLong	Paul.Delong@Wisconsin.gov
Past Chair / Nominations	John DuPlissis	John.DuPlissis@uwsp.edu
Women in SAF	Marcia Frost-Vahradian	Marcia.FrostVahradian@Wisconsin.gov
WI Council on Forestry	Bob Rogers	brogers@uwsp.edu
NRCS/Cons Hall of Fame	Miles Benson	mkjdbens@charter.net
Forestry Hall of Fame	Robert Engelhard	rengelha@hotmail.com
Policy and Legislation	Robert Mather	robert.mather@Wisconsin.gov
Science and Technology	Teague Prichard	teague.prichard@Wisconsin.gov
Historian	Will Kiefer	mbkiefer@centurytel.net
Webmaster	Paul Pingrey	Paul.Pingrey@Wisconsin.gov
Newsletter	Kirsten Held	Kirsten.Held@Wisconsin.gov

CHAPTER REPORTS

Fox Valley Chapter

By Curt Wilson

The following chapter officers were elected for 2007:

CHAIR: Curt Wilson

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Green Bay, WI 54313-6727
Office Phone: (920) 662-5126
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CHAIR-ELECT: Tony Deininger

2237 W Twin Willows Dr
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Office Phone: (920) 735-2527
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SECRETARY/TREASURER: Ron Jones

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On July 11, 2006, we held a joint meeting with the Southeast Chapter of the Wisconsin Professional Loggers Association. The 75 attendees spent a day in the woods discussing oak wilt and scrub oak management, annosum root rot in red pine and control measures, with instructors Jane Cummings Carlson, Kyoko Scanlon, Linda Williams, Buzz Vahradian and Ron Jones. Lunch was sponsored by International Paper. This was the second summer that SAF and WPLA held a joint meeting with a forest health theme. We plan to hold one again this summer.

We held a chapter meeting on December 6th at Point Beach State Forest. Following the business meeting, the group cruised two previously measured variable plots to determine stocking and volume. Students from the Fox Valley Technical College Natural Resources program were paired with each forester. Consulting forester Al Waelchli of Shawano came closest to the *text book* cruise, and won a 2007 Wisconsin State Park Sticker for his vehicle. Tony Deininger was on hand to fell four trees so that log volume could be determined. A great discussion on log grade followed. The day ended with a brat fry around the crackling fire in the stone shelter on the Beach. My thanks to Sue Crowley for being a great vice chair in 2006!

Encourage local 4th grade classes to participate in the Arbor Day essay contest. The 2007 theme -- Smokey says, "Be Careful with All Outdoor Fires" -- asks students to write about Smokey Bear's fire safety messages. The entry deadline is March 9. See details at: <http://dnr.wi.gov/forestry/>



Southeast Chapter

By Jeff Kante

Last August the Southeast chapter gathered at the Lapham Peak unit of the Kettle Moraine State Forest for an evening meeting and barbeque. Mike Fort, a volunteer for Lapham Peak, gave an update on the native prairie/savanna restoration work in the forest and a plant identification lesson on invasive and prairie flora. Ricky Lien, WI-DNR Urban Wildlife Specialist, gave an interesting talk on the problems associated with wildlife in the urban/rural interface.

In December the group made it through Milwaukee's freeway re-construction to Mader's Restaurant. The meeting focused on the effects of the Emerald Ash Borer (EAB) in Michigan and a discussion on the Wisconsin EAB Response Plan.

We will host the statewide meeting on March 19- 20, 2008. The tentative topic will involve changes in forest ownership and fragmentation.

Mid Wisconsin Chapter

Mid Wisconsin Chapter held their December meeting at Black River Falls DNR Service Center on December 14, 2006. Thanks were extended to outgoing Chair Bob Fisher and a welcome to 2007 Chair Randy Schott.

2007 Chapter meeting dates and tentative agendas are:

- March 21 LaCrosse – tour of USGS
- June 21 Black River Falls – FIA plots
- Sept 18 or 19 Stevens Point – field data collection technology. Possible joint meeting with UWSP Student Chapter.
- December 13 Black River Falls – Black River State Forest Master Plan

Sustainable Management of Northern Hardwood Forests

By Brian Spencer

The Northeast Chapter co-hosted a “field oriented” training session with Wisconsin DNR and the Argonne Experimental Station. A total of 67 students and 11 instructors attended this session at the Forest Service Argonne Experimental Forest in Forest County on October 4, 2006. Attendees included foresters from federal, state and county government, university, private consulting, and forest industry. The session targeted many of the basics of northern hardwood management including canopy gap installation, defect assessment, marking guides, den trees, log and tree grading, sawmilling, and lumber grade.

After brief introductions by Terry Strong (Retired USFS Research Scientist), Colleen Matula (WDNR NOR Forest Ecologist) and Brian Spencer (WDNR Headwaters Area Forestry Staff Specialist), WDNR Headwaters Area Forestry Leader Phil Theiler thanked the group for organizing the timely session.

Although one instructor referred to the session as a “marathon event,” the foresters seemed to enjoy the variety of topics in a short span of time. Many thanks to the instructors: Steve Jackson (Langlade County Forestry Administrator) and Tom Duke (WDNR Northern Region Staff Specialist) - **General Considerations of Marking Northern Hardwoods**; Colleen Matula (WDNR Northern Region Forest Ecologist) and Karin Fassnacht (WDNR Research Scientist) - **Implementation of Canopy Gaps**; Ron Eckstein (WDNR Wildlife Biologist) - **Wildlife Considerations in Management of Northern Hardwoods**; Mike Lietz (WDNR Forestry Team Leader) and Terry Strong (retired USFS Research Scientist) - **Northern Hardwood Marking Guides**; Kyoko Scanlon (WDNR Plant Pest and Disease Specialist) and Jim Whipple (WDNR Forest Products Specialist) - **Defect Identification/ Issues Affecting Northern Hardwoods and Tree Grading**; Terry Mace (WDNR Forest Products Utilization and Marketing Specialist) and John “Rusty” Dramm (Forest Service Forest Products Lab - Utilization Specialist) - **Portable Sawmill Demonstration, Log Grading, Lumber Grading**.

Evaluations noted the variety of topics, timeliness as refresher material for upcoming marking sessions, and value in clarifying misconceptions in application of various management tools such as canopy gaps.

For more information, contact:

Brian Spencer, Wisconsin DNR
Headwaters Area Forestry Staff Specialist
107 Sutliff Ave.
Rhineland, WI 54105

In the photo below, foresters from a variety of backgrounds listen as WDNR Utilization and Marketing Specialist Terry Mace discusses methods in determining lumber grade and observe first hand various defects that reduce the quality of grade. Some defects appear quite negligible from outer appearances on the bark. However, when sawn open an entirely different story may unfold.



Rusty Dramm was really pleased that the saw log sized sugar maple was felled to the ground prior to the set up of the portable sawmill!



2007 Northeast Chapter Officers Elected

The Northeast Chapter is glad to announce a successful election of officers for 2007.

Chapter Chair: Terry Strong (retired USFS Research Scientist)
Secretary/Treasurer: Tom Shockley (WDNR Willow Flowage Forester and Property Manager)

2008 Chair Elect: Doug Brown (Marathon County Forester)

Membership Report

By David J. Czysz

As of December 31, 2006 membership for Wisconsin SAF was 453 compared to 473 at the end of 2005. All chapters, except Fox Valley and the Northeast Chapters, ended the year with less than last year. Fox Valley maintained their 36 members and Northeast had one more than last year. This is the lowest membership Wisconsin has had for the period I have records which goes back to 1993.

The high point in Wisconsin membership was 1995 when the total state membership hit 542. In the past ten years Wisconsin SAF membership has dropped 16 percent. National membership is also dropping. At the end of 2006 there were 14,977 members compared to 15,363 the end of 2005.

The National SAF office has put out a report that evaluates membership dynamics and has put out a report called "Membership Dues, Policy, Structure Proposal" for review by SAF leadership. The Wisconsin SAF is also looking at way to maintain and hopefully increase membership.

It will take effort by all of us to remind delinquent members to send in their dues and to encourage non-members to join by showing them the benefits of belonging to SAF.

On a better note, let's welcome the following:

Chippewa Chapter: Edmond Packee, Mark Leathers

Mid-Wisconsin Chapter: Samuel Osinde, Dennis Hutchison, Gerald Crow, Paul Doruska

Northeast Chapter: Forrest Gibeault,

Southeast Chapter: Joel Kennedy, Larry Axlen Jr.

Southwest Chapter: Rachel Collins, Matthew Mellenthin, Justin Mitmoen, Edward Messerlie

UW-Stevens Point Chapter: Frances Casey, Timothy White, Nathan Gilbert, Chase Christopherson, Gregory Duwe, Michelle Stelzig, Julia Slabosheski, Amanda Bradshaw, Matthew Huemphner, Matthew Koehler, Cody Brauner, Jared Froehlich, Christopher Kramer, Erin Kramer, David Scott Lein, Robert Schultz III, Jacob Wildeck, Nic Rintoul, Laura Prey

UW-Madison Chapter: Ryan Peaslee, Amanda Budyak, Josh Burling, Daniel Klonsinski, Andrew Meier, Michell Shivy, Jennifer Mazalewski

Member Benefits, Services and Products

Publications

The Forestry Source and the *Journal of Forestry*.

We've significantly improved the content of the JoF and have added departments on recreation, wildlife, soils, history, urban and community forestry, and more. All of these resources are available on-line as well.

Subscribers to the research journal *Forest Science* and the three regional journals of applied forestry continue to present solid on-the-ground techniques. SAF now offers a subscription to all three regional journals online, for the price of one.

The Roots of Forestry™, SAF's new online archive, encompasses all five of SAF's periodical journals — the *Journal of Forestry*, *Forest Science*, and the *Northern, Southern, and Western Journals of Applied Forestry* — from 1902 – 1999. The archive is comprised of forestry and natural resource literature comprising approximately 11,750 articles across more than 1,440 issues! This new product is FREE to all individual members. www.safnet.org/periodicals/roots.cfm

Every two weeks, members receive the electronic E-Forester newsletter, which features the latest information in: Forest News; Sustainability & Certification; Forest Discoveries, and Forestry Resources; and news from the SAF National Office.

Professional Development

SAF is committed to your growth and promotion as a professional. Meetings throughout the year will benefit you: Leadership Academy; Legislative Days; Continuing Education offerings; the National Convention; and more.

Networking

SAF local chapters are a great way to meet other professionals, enhance your skills, get involved, and find jobs.

The SAF website offers several directories helping you connect with professionals across the country. An annual Leadership Guide enables you to contact leaders with your ideas, concerns, and opportunities to volunteer.

Join our discussion lists to chat on-line with colleagues around the country. You can join [Forestry Focus](#) for a moderated discussion about today's issue or [Members Only](#) to exchange technical and practical information.

Money-Saving Benefits

SAF offers attractively priced term life and long-term disability insurance through a partner provider www.safinsurance.net/

SAF members receive a 20% discount on GIS training through the ESRI Virtual Campus Professional Connection. <http://www.safnet.org/education/continuingeducation.cfm>

In addition, SAF members are eligible for Members Only special promotions on a variety of products and services, including car rentals, car insurance, and paint.

Policy and Public Relations

SAF actively provides input on national legislation to create sound forest policy. We are regularly asked by member of congress for our ideas and input. This year we are focusing on the Farm Bill, Appropriations, and the Forest Emergency Recovery and Research Act. SAF regularly produces position papers outlining key concerns and solutions on a host of issues.

SAF aggressively outreaches to National and Regional media outlets garnering live interview, Op Eds, Press Coverage, Letters to the Editor, and more.

Member benefits - continued from previous page

Special Interest Groups

SAF has over 28 Working Groups that focus on areas such as sustainability and forest certification, urban forestry, wilderness management, recreation, measurements, ecology, geographic information systems, silviculture, and forest production and utilization. Unlimited working group participation is included with your membership.

Rewards

SAF's Rewards Campaign enables members to earn points for SAF activities such as sponsoring new members, attending the convention and taking the online quiz. Points can be redeemed for SAF merchandise and gift certificates.



Communications Committee - continued from page 1

“The Communications Committee shall be responsible for news coverage of all activities of the state society; shall conduct communications efforts within the Society and with other organizations; shall communicate and maintain liaison with the state legislative body, the state executive office and national legislators for the state; and shall encourage the dispersal of information to gain public awareness and understanding of forestry and the forestry profession.” This committee is responsible for the newsletter and website.

“The Education Committee shall be responsible for a program to educate members of the public and especially students about the forestry profession; shall act as liaison on matters of the forestry educational concern to educational institutions within the state boundaries; shall keep the membership informed about modern developments in forestry; shall promote continuing education activities for forestry professionals; and shall work closely with student chapters of the Society to provide for their educational and professional needs.”

Both committees have very different responsibilities with the exception of the one from the Communications Committee that states “*and shall encourage the dispersal of information to gain public awareness and understanding of forestry and the forestry profession.*” It sounds very similar to the first responsibility listed for the Education Committee. This similarity highlights the fact that all the Executive Committees are interrelated and work together towards the overall goals of WISAF. If you have some time, take a look at the Membership Handbook to see all the Executive Committees and their responsibilities. If you find a particular committee interesting and would like to become involved, call the committee chair, myself, or Gary Vander Wyst.

Oak Conference - continued from page 1

Conference attendees heard that oak wilt and oak decline are serious problems in Wisconsin. In many areas oak regeneration is severely affected by browsing of white-tail deer.

Keynote speaker Stephen Shifley, a research forester with the Forest Service, presented what he regarded as the basic concepts for sustainable management of oak and other forests. The basis of these concepts is the fact that in the U.S. wood production is increasingly declining while nature protection aspects are increasing and that future demand in wood consumption will need to be met by imported wood. This means that the impacts (not always positive) of harvesting and consumption will be transferred elsewhere. While the forest resources per capita are far greater in the U.S. than the global average, Shifley regarded the current course of action in the U.S. in respect to timber production and consumption as not sustainable at the global level. As a contribution to the sustainability of global forest resources, he therefore suggested that the national volume of timber harvest be brought into balance with the rate of domestic wood consumption, and appealed to consumers, conservationists, and environmentalists to support this goal.

A half-day field trip gave participants an additional opportunity during to see how oak is managed in central Wisconsin and the challenges that face forest managers in regard to regeneration, stand tending, thinning and harvesting methodology of oak on different sites.

The Tuesday evening banquet included an entertaining program by Sterling Strathe of the LEAF (Learning, Experiences, and Activities in Forestry) program. Sterling played the part of a logging camp foreman and recruited members of the audience to act out the jobs that were common in the 1890s era camps. The program concluded with a rousing Saturday night logging camp dance.



The Mid-Wisconsin Chapter raised \$500 for the Forester's Fund raffle at the meeting. Industries that use oak and other local industries were asked for donations to give the international attendees a chance to bring back something made in Wisconsin. The top raffle item was a large signed wildlife print from the Patrick Thomas Ruesch Studio in Wisconsin Rapids.

SAVE THESE DATES ON YOUR CALENDAR

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|---------------------|---|----------------------|
| March 7-8, 2007 | Wisconsin SAF Meeting hosted by the Northeast Chapter
Topic: Soil Compaction and Forest Productivity
For more information: http://www.wisaf.org/calendar.htm | at Mosinee, WI |
| October 11-14, 2007 | National Tree Farm Conference
Topic: Wisconsin - Great Lakes. Great Forests.
For more information: http://www.witreefarm.org/ | at Madison, WI |
| October 16-17, 2007 | Wisconsin SAF Meeting hosted by the Chippewa Chapter
Topic: Forestry Management Related to Hydrological Issues | at Cable, WI |
| October 18-20, 2007 | Wisconsin Association for Environmental Education
Regional Conference & Training Session
Topic: No Child Left Inside
For more information: http://www.uwsp.edu/cnr/waee/Events/fall07.htm | at Stevens Point, WI |
| October 23-28, 2007 | National SAF Conference
Topic: Sustaining America's Forests
For more information: http://www.safconvention.org/natcon-07/ | at Portland, OR |

See the calendar at the Website **WisconsinForestry.org** for dates of other forestry-related events in Wisconsin.