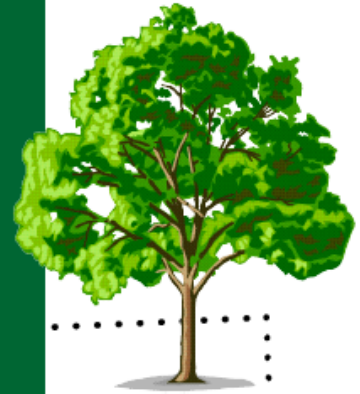


# Forest Connections Conference 2015

Michigan Society of  
American Foresters

Michigan Forest  
Association\*



How do Michigan's forests...  
...connect with water quality?  
...connect with wildlife?  
...connect with sustainable economic development?  
...connect with our well-being?  
Join in the discussion, and make some connections!

Thursday, September 24 through Saturday, September 26  
Doubletree Hotel and Delta College Planetarium  
Bay City, MI

**Funding for this project  
was provided in part by a  
grant from the U.S. Forest  
Service, State and  
Private Forestry**



Special Thanks To Our Sponsors!



Thanks also to all our partners who help make this conference possible:



## 2015 Fall Michigan Society of American Foresters Conference

### Thursday September 24, 2015

<b>8:30-9:00</b>	<b>Registration</b>
<b>9:00-9:30</b>	Keynote: Tom Duffus - The Conservation Fund Large Scale Projects.
<b>9:30-10:00</b>	Jesse Lincoln: MNFI: Wetland characteristics and Forest habitat types for wetlands.
<b>10:00-10:30</b>	Dave Mindell: Restoring Natural Plant Communities & Combatting Invasive Plants.
<b>10:30-10:50</b>	<b>BREAK</b>
<b>10:50-11:20</b>	Kevin Sayers – MI DNR Urban Forestry
<b>11:20-11:40</b>	Lee Mueller – The value of urban greenspace: Tree planting strategies for storm-water management.
<b>11:40-12:00</b>	Dave Neumann – DNR- Utilization & Marketing Program
<b>12:00-12:45</b>	<b>LUNCH</b>
<b>12:45-1:15</b>	Jeremie Wilson – MDOT - Environmental Studies Coordinator, Restoring Forested Wetlands
<b>1:15-2:00</b>	Brian Rudolph – MI DEQ: Stream Crossing Permits and Crane Mat Discussion.
<b>2:00-2:30</b>	<b>BREAK – Check out vendors</b>
<b>2:30-3:15</b>	Jennifer Muladore – Ecologist for Huron Pines, Establishing and Maintaining Riparian Buffers
<b>3:15-4:00</b>	David Price: DNR - BMP's Overview
<b>4:00-4:30</b>	UP/LP Business Meetings
<b>4:30-5:00</b>	State Business Meeting
<b>5:00-6:00</b>	Social Hour – Visit Vendors
<b>6:00- 8:00</b>	Dinner Banquette – Eric Jhyla - Logging History

### Friday September 25, 2015

<b>7:30-8:00</b>	<b>Breakfast</b>
<b>8:00-8:45</b>	Keynote: Bill Cook – Riparian Management Silvics.
	<b>Forest Health</b>
<b>8:45-9:30</b>	Deb McCullough: EAB – Ash Recovery
<b>9:30-10:00</b>	Ben Slager: EAB - Rearing Parasites, APHIS
<b>10:00-10:30</b>	Brian Sullivan: Asian Long-horned Beetle
<b>10:30-10:45</b>	<b>BREAK</b>
<b>10:45-11:05</b>	Julie Stachecki: Oak Wilt
<b>11:05-11:30</b>	Tim Jones: MI Dept. of Transportation MDOT Program GIS for Invasive Plants
	<b>Prescribed Fire</b>
<b>11:30-12:00</b>	Dave Borneman: Using Fire to Restore Natural Plant Communities,
<b>12:00-12:30</b>	Dr. Donald Dickman: Fire and its roll in silviculture.
<b>12:30-1:15</b>	<b>LUNCH</b>
<b>1:15-4:15</b>	
<b>Concurrent Session: Tree Farm Training (Room Location To Be Announced)</b>	Mike Smalligan: Tree Farm Inspector training.
<b>1:15-2:00</b>	Overview of Conservation Practices to Remove Invasive Plants, Andy Henriksen, Michigan NRCS
<b>2:00-2:45</b>	Andrea Foster: Sustainability in Your Own Backyard!

<b>2:45-3:30</b>	Lora Freer: Forest invaders: Invasive Species of forests.
<b>3:30-4:00</b>	Dave Borneman: Fire Use on Private Lands.
<b>4:00-5:30</b>	Vendor Presentations
<b>5:30-6:30</b>	Social Hour – Visit Vendors

## Saturday September 26, 2015

<b>7:30-8:00</b>	Breakfast
<b>8:00-8:15</b>	Welcome
<b>8:15-9:00</b>	Bill Cook: Managing Your Forested Wetlands
<b>9:00-10:00</b>	Managing Your Forest– Doug Lee, Tom Jacques & Mike Smalligan. Setting Goals, Planning, Using Professionals to help manage the forest and more.
<b>10:00-10:15</b>	BREAK
<b>10:15-12:00</b>	Forest Planning Programs
	Working With Conservancies – Elan Lipschitz
	Forest Stewardship Program – Mike Smalligan
	Tree Farm – Scott Robbins
	NRCS Cost Share Programs & Web Soil Survey Demonstration – Andy Henriksen
<b>12:00-12:50</b>	LUNCH
<b>12:50-1:30</b>	Eyes on the Forest – Julie Crick
<b>1:30-2:00</b>	Vernal Ponds – Special Places in the Forest – Yu Man Lee – MNFI Herpetologist
<b>2:00-3:30</b>	Wildlife
	Good Choices For Forest Management For Wildlife! Deer, Grouse, Non-Game Species, What Is Your Objective? Don Bonnette – DNR Wildlife Biologist
	Michigan Bats – Habitat, Health And Hereafter Brian Klatt, Director, MI Natural Features Inventory
<b>3:30-4:00</b>	Wrap Up and Adjourn

## Speaker Biographies

### Tom Duffus:



Tom Duffus is Vice President for The Conservation Fund, a national non-profit land trust, where he provides leadership for land conservation partnerships in the Midwest including the Lakes States, Great Plains and Mississippi and Missouri Rivers. Tom has worked in land conservation since 1985 in the Midwest, Wyoming, Canada and the Adirondacks, conserving over 510,000 acres of land and raising significant sums of private and public funds for land conservation, capital campaigns and operations. Tom is a commissioner on the Land Trust Accreditation Commission, serves as chair of The Conservation Fund's Land Conservation Loan Committee, and provides leadership in other areas and geographies for the Fund including Canada. He has extensive experience conserving forestland as well as farm, open space, biodiversity and wilderness lands and is

an experienced conservation easement practitioner. Prior to coming to The Conservation Fund in 2005, Tom worked for The Nature Conservancy and previously the Adirondack Land Trust. He holds a Master of Forest Science degree from the Yale School of Forestry and Environmental Studies, and he is an accomplished bagpiper and sailor and holds a US Coast Guard Captain's License.

### Lee Mueller:



Lee Mueller is a community forestry consultant with Davey Resource Group. He has served as staff or board member for professional and non-profit organizations dedicated to forestry, arboriculture, and parks and recreation. Before joining Davey, he was instrumental in building an urban forestry outreach and volunteer program in Grand Rapids, Michigan. He is a Certified Arborist and Registered Forester, with a B.S. and M.S. in forestry from Michigan State University. He currently serves on the Michigan Urban and Community Forestry Council and locally involved in Grand Rapids, Michigan.



**Andy Henriksen:**



Andy Henriksen is State Forester with the USDA Natural Resources Conservation Service (NRCS) in Michigan, where he provides forestry training and technical support to staff in Michigan's 57 NRCS field offices and partners. He's been in that position since 2008 and was previously a Conservation District Forester in Southeast Michigan for 11 years. Andy graduated from Michigan Technological University in 1996 with a B.S. in Forestry.

**Scott Robbins:**



I'm Scott Robbins of White Pine, MI and I accepted the position of SFI / Forest Policy Director with the MI Forest Products Council in September of 2011. I received formal forestry education at MI Technological University from 1972-1974 and have had many forestry related positions throughout a 40 year carrier. Beginning in 1975 in Marquette MI with various log procurement positions at two local sawmills, I then began a long career in 1979 with various owners of the pulp and paper mill in Ontonagon MI. I spent most of 2007 in wood procurement at Missoula MT. Most of 2009 and 2010 I was in Virginia working in wood procurement management positions. My experience in the southeast and mountain west give me additional perspective. I am currently based out of the Lansing area with many duties that cover the entire state. My cell phone number is [906-250-5027](tel:906-250-5027)

**Eric Ellis:**

Eric is a native Michigander who received his BS in Resource Ecology and Management from The University of Michigan studying and working for Drs. Burt Barnes and John Witter. Shortly after college he moved to Mongolia volunteering with the Peace Corps as a parks/wildlife specialist and later guiding fly fishing and horse riding trips for two years. He worked for the City of Ann Arbor's Natural Area Preservation division specializing in prescribed burning and invasive species management. Later he earned a MS degree from the University of Idaho's College of Natural Resources where his research focused on management preferences and specialization of big game bow hunters. Recently he worked for the Conservation Resource Alliance assisting private landowners and other partners in protecting and restoring fish and wildlife habitat in northern Michigan. Eric is now the regional wildlife biologist and grant writer for the Ruffed Grouse Society and American Woodcock Society where he assists members, partners, and the public with implementing projects to benefit young forest species and educating people on the benefits of this important habitat type and the active management needed to maintain it.

**Tim Jones:**

Tim Jones is Roadside Operations Specialist with the Michigan Department of Transportation in Lansing Michigan. He provides technical support and training for roadside vegetation management, rest area and roadside park operations, Adopt-A-Highway program, and sponsorship programs to MDOT Regional, Transportation Service Center, and Maintenance staff throughout the state. Prior to working for MDOT he worked for the DNR – Parks and Recreation Division. Tim has a B.S. from the University of Michigan – Flint in Resource Planning.

**Elan Lipschitz:**

Elan is the Director of Land Conservation for The Little Forks Conservancy. The Little Forks Conservancy has partnered with private landowners in or near the Tittabawassee River Watershed to protect and preserve the unique natural features of this region. Elan works with landowners as they make their decisions about how best to preserve their properties. He works to negotiate the terms of a conservation easement if that is the route of land protection decided upon by the landowner. In addition to conservation easements, he is involved in conservation buyer transactions, evaluation of lands to be purchased by the Conservancy, land conservation planning and various partnerships with other conservation organizations. Although not from Michigan, Elan has developed a deep appreciation for the wonders of our local landscapes. Elan holds a Bachelor's degree from the University of Kansas and a Master's Degree from Bard College.

**Andrea Foster:**

Andrea Foster is the Conservation Outreach Coordinator at The Little Forks Conservancy. Her duties include running the Conservation@Home program, and volunteer coordination. She is also a Michigan Natural Shoreline Educator. Andrea's background includes extensive volunteering for various organizations in Midland and corporate administration. She enjoys spending time with her family, kayaking, bicycle rides, reading, and skating.

**Eric Jylha:**

Eric grew up in Bay City, Central High Class of 1968. Eric attended Delta College and Michigan State University studying journalism and broadcasting.

He is a second generation broadcaster, started working in radio in 1967. At the same time, also worked at WUCM, as the Delta College TV station was called at that time. Currently volunteers during the production of the annual Q-TV historical documentary, and is a frequent pledge-night host.

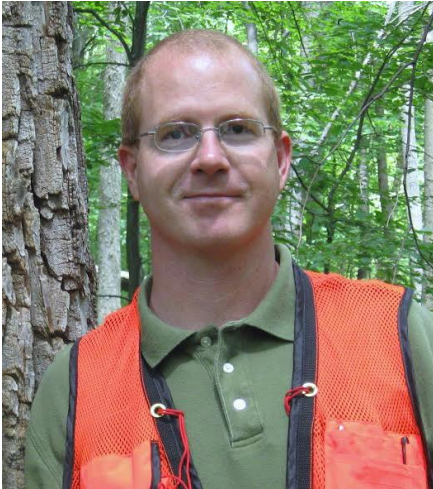
Eric worked as a disk jockey, and then a news reporter at: WBCM, WXOX, WGER and WSGW in Michigan. He spent two years at WFMK in Lansing and a year at KQXE in Phoenix.

Eric started as a TV reporter at WNEM in 1986, also anchoring weekend newscasts until switching to weather in 1992. Retired in 2014. 2015 will be the eighth year for hosting the popular TV-5 travel excursions around the country and overseas.

Eric is the past President of the Rotary Club of Bay City. Current Board member of: Bay Friends of the Bay City State Park, Bay City River Roar, and past board member of United Way of Bay County, Girl Scouts of Mitten

Bay, Bay County Historical Society, Bay City Rowing Club and, is currently an active volunteer for the Bay Area Chamber of Commerce and the Saginaw Area Chamber of Commerce.

**Mike Smalligan:**



Mike Smalligan is the Forest Stewardship Coordinator for the DNR, based in the Lansing office. The Forest Stewardship Program, funded by the USFS, connects Michigan landowners with 125 professional foresters in the private sector to develop a Forest Stewardship Plan to manage, protect, and enjoy their forest land. Mike is committed to administering a government program with common sense, customer service, continual improvement, and strong partnerships.

Prior to joining the DNR in January of 2014, he operated Smalligan Forestry LLC providing consulting forestry services for private forest landowners in the southern Lower Peninsula from 2008 through 2013. Mike also worked concurrently as a Research Assistant at MSU Forestry between 2001 and 2013. He worked on a project studying the “dendroremediation” of heavy

metals on brownfields in Michigan and on another project examining international forest carbon offset projects in Kenya and India.

Mike has been a member of SAF since 2007 when he completed his M.S. in Forestry at MSU. He is a Registered Forester, Technical Service Provider, Tree Farm Inspector, and QDMA Land Certification Inspector. He serves on the board of the Michigan Forest Foundation and is the Vice-Chairman of the Michigan Tree Farm Committee.

**David Mindell:**



In 1998, David founded PlantWise, LLC, a business dedicated to creating and restoring native ecosystems and plant communities. Towards that end, David and PlantWise staff works with private and public landowners to develop ecological management plans, conduct plant and animal surveys, implement all aspects of natural area management, and design and plant native landscapes.

Invasive plant control is a cornerstone of this work. After close to 20 years of management, David has controlled invasive plants in a great diversity of habitats, using many different techniques. While it’s not always the most exciting work, it does have great rewards and there’s always something new to learn about how sites respond to treatment.

David received a Master’s degree in Natural Resources (forest ecology and ecosystem management) at the University of Michigan’s School of Natural Resources.



### **Jeremie Wilson:**

Jeremie Wilson is the Wetland Mitigation Specialist for the Michigan Department of Transportation (MDOT). He is responsible for planning, developing, and administering MDOT's Wetland Mitigation Program, statewide. He has held this position with MDOT since 2012. Jeremie also serves on the board of directors as the treasurer of the Michigan Wetlands Association.

### **Jennifer Muladore:**



Jennifer Muladore is the ecologist and communications manager for Huron Pines, a nonprofit, nongovernmental organization based in Gaylord, MI, with the mission of conserving the forests, lakes and streams of Northeast Michigan. Jennifer has been with Huron Pines for 8 years and manages multiple large-scale watershed restoration and land stewardship projects for Huron Pines, including the Northeast Michigan Cooperative Weed Management Area. She is a certified Forest Stewardship Plan writer and works with landowners on projects that protect land and water resources while meeting individual goals. She has a Masters in Conservation Biology from the University of Michigan and experience in managing projects involving shoreline stewardship, land stewardship, watershed management, native plants, and invasive species.

### **Julie Stachecki:**



Julie represents Site Specific, Inc., a company she founded in 1994.

Prior to an early-career landscape design position, Julie's roots began at MSU where she graduated with Bachelor of Science degrees in Horticulture, as well as, Park and Recreation Resources with a 'Planning and Design' emphasis. Julie completed a Master's of Science Degree in Crop and Soil Sciences with a turf grass management emphasis.

She has been a Certified Arborist for 19 years and holds Tree Risk Assessment Qualifications (TRAQ), both credentials through the ISA (International Society of Arboriculture). Julie currently serves as secretary on the board of directors for the state chapter of the ISA – the Arboriculture Society of MI.

Julie worked at Michigan State University for over 14 years in various capacities that include the Pesticide Education program, as an Extension horticulturist and later, a faculty position in the Department of Horticulture teaching courses and managing the Landscape and Nursery Certificate Program.

Currently, Site Specific, Inc. provides turf grass, tree and ornamental consulting services and training, including insect and disease diagnostics, tree inventories, management plans and tree risk assessments. Julie works extensively with golf properties, cemeteries, residential and commercial landscapes.

**Kevin Sayers:**



Mr. Sayers has been employed by the Michigan Department of Natural Resources as the state Urban and Community Forestry Coordinator since 2002. He is a graduate of Michigan State University (2001) with a Master's degree in Forestry. Kevin administers the state urban forestry program at the DNR in Lansing. This program provides technical, educational and financial assistance to communities and partners throughout the state to support a variety of urban forestry activities. Prior to working for the DNR, Kevin worked in the tree nursery industry, and with the municipal forestry program at the City of Lansing.

**David L. Price:**



David L. Price is the acting supervisor of the Forest Planning and Operations Section for the Michigan Department of Natural Resources (DNR), Forest Resources Division. He is also the DNR Forest Certification Coordinator. He is the primary editor of the 2008 Michigan State Forest Management Plan, the 2010 Michigan Forest Resource Assessment and Strategy, and led the development of DNR Regional State Forest Management Plans. David holds a M.S. degree in Forestry from Michigan State University, and a B.S. degree in Computer Science from the U.S. Naval Academy. He retired from the U.S. Navy Reserve in 2011 after 26 years of service. He currently serves as a trustee on the Saranac Community Schools Board of Education.

**Doug Lee:**



Doug Lee is a Consulting Forester with Lee Forestry Services. He started his business in 2003 and has worked with Michigan landowners for the better part of 31 years. Before starting his business he was the Executive Director for the Michigan Association of Timbermen, Procurement Manager for Pine Tech and Procurement Forester for Dow Corning Corporation. He served as the Lower Michigan SAF chapter Chair for one year and Secretary/Treasurer for 17 years. He was named Michigan SAF Forester of the Year in 2011 and has been a member of the Society of American Foresters since 1983. He graduated from Michigan State University in 1983 with a Bachelor's of Science in Forestry.

**Brian Rudolph:**

As the District Supervisor for the Water Resources Division (WRD) in the Saginaw Bay District, I manage a staff of 18 professional engineers, scientists and environmental analysts responsible for a variety of program areas. We are responsible for the administration and compliance/enforcement activities in programs such as: NDPES, CAFO's, Wastewater Treatment Facilities, Wetlands development, Inland Lakes and Streams, the Great Lakes, Environmental Areas, Industrial and Construction storm water and Floodplain development throughout the 12 county Saginaw Bay District. Additionally, I sit on the Part 303, Wetlands Committee for WRD. I frequently interact with the regulated public, local officials, other state agencies, state and Federal legislators on matters involving the WRD and the Saginaw Bay and serve as an expert witness for the WRD, as needed.

**David Neumann:**

David is the Utilization & Marketing Specialist at Michigan Department of Natural Resources, Forest Resources Division. I support the forest products industry in Michigan through technical assistance, forest resource inventory analysis, and outreach and education. Previously David was the State Silviculturist for the Michigan DNR with statewide responsibilities; coordination of the Division's reforestation/cultivation budget, managing cultivation and research contracts, writing and editing silvicultural guidance.

**Jesse Lincoln:**

Jesse works as a Conservation Associate at Michigan Natural Features Inventory. He works with the state of Michigan to inventory State Game Areas. Jesse's work provides accurate vegetation maps that aid in land management decisions. His project also focuses on identifying previously undocumented high quality natural communities and populations of rare plants and animals. I attended Grand Valley State University where I received my bachelor's degree in general biology and my masters of science in botany/plant biology.



**Bill Cook:**

Bill has been the U.P. district forester for MSU Extension since 1997. Bill works with private landowners, the forest industry and public agencies to implement forestry education programs across the U.P.

Bill came to the U.P. from the Red Lake Indian Reservation in northern Minnesota where he worked for 7 years. He has degrees in forestry, wildlife management, biology and resource management from the University of Wisconsin, and a master's degree in forestry from the State University of New York College of Environmental Science and Forestry. He also has international experience in Germany, Great Britain and southeast Asia.

**Deborah McCullough:**

Deborah G. McCullough holds graduate degrees in Forestry (M.S., Northern Arizona University) and Entomology (Ph.D., University of Minnesota). As a Professor with a joint appointment in the Dept. of Entomology and Dept. of Forestry at Michigan State University, she has research, extension and teaching responsibilities. Much of McCullough's current research focuses on the ecology, impacts and management of invasive forest insects, including emerald ash borer and beech bark disease. She works with forest management agencies, regulatory officials and private landowners to identify damaging forest insect populations and to develop long-term, sustainable management strategies to protect forest health. McCullough has published

more than 85 papers about forest insect ecology and management in scientific journals, along with more than 120 extension bulletins and articles. She teaches Insects and Diseases of Forest and Shade Trees annually, primarily to students majoring in Forestry or Horticulture.

**Lora Freer:**

Laura is the Oscoda CD Forester. Lora has been providing Forestry Assistance for the District since 1996. She has a Bachelor of Science Degree from Michigan Technological University in Forestry with an emphasis in Wildlife Ecology and a Bachelor of Science in Recreation Resource Management from the University of Montana.

**Benjamin Slager:**

Ben is currently the Supervisory Entomologist at USDA-APHIS.

**Julie Crick:**

Julie is the Natural Resources Extension Educator Michigan State University based out of Roscommon, MI.

**Dave Borneman:**

Since 2000, David Borneman has conducted over 800 prescribed burns on over 17,400 acres as a private contractor on private lands, regional parks, golf courses, hunting preserves, farms, city and township parks, schools, metro airports, and corporate campuses throughout the Midwest.

In addition, since 1993, David has directed the Natural Area Preservation Division of the City of Ann Arbor, leading its efforts to restore and manage 1200 acres of undeveloped parkland. During this time he has conducted burns in MI, OH, IL and IN covering thousands of acres as Prescribed Burn Leader with a burn crew of up to 15 members.

**Donald Dickman:**

Donald I. Dickman, Ph.D., is professor emeritus of Forestry at Michigan State University. He has served on the faculty for 33 years, teaching courses in silviculture, tree physiology, forest ecology and general forestry. He is the author of many scientific papers, popular articles and four books, including "The Forests of Michigan" (co-authored by L.A. Leefers), which was recognized as a 2004 Notable Book by the Library of Michigan. In retirement, he maintains an active interest in forestry matters.

**Brian Klatt:**

Brian Klatt has been named director of the Michigan Natural Features Inventory (MNFI) as of Feb 1, 2009.

Since 1997, Klatt has headed Klatt Environmental Associates in Brighton, Mich. From 1995 to 2005, he was associate director of the Matthaei Botanical Gardens at the University of Michigan. He also taught environmental biology at Lansing Community College.

Klatt received his bachelor's degree in zoology from the University of Michigan, his master's degree in biology from Northern Illinois University and his doctorate from the University of Illinois. He is a certified senior ecologist and a member of several ecological professional organizations.

Brian served as the chief financial and administrative officer, as well as a Principal Investigator for the Michigan Natural Features Inventory (MNFI). MNFI is the Natural Heritage Program for the State of Michigan



and is a part of the Michigan State University Extension system. As such, its mission is to generate high quality information on the distribution and condition of the biodiversity resources of the state, especially threatened and endangered species, and share this information through the NatureServe Network. MNFI also conducts applied research relevant to the conservation of the biodiversity of the state, working closely with a variety of partners, including Federal and state agencies (e.g. US Forest Service; US Fish and Wildlife Service; the Michigan Departments of Natural Resources, Environmental Quality, and Transportation), non-governmental organizations (NatureServe, The Stewardship Network) as well as the commercial sector (e.g. Exelon Wind Resources).

**Yum Man Lee:**

Herpetologist for Michigan Natural Features Inventory.

**Don Bonnette:**

Michigan Department of Natural Resources Wildlife Biologist.