

Sunday September 25, 2011

Pre-Conference Workshops
(Separate Registration/Fee Required)

11:30 am – 3:30 pm

Branch Sampling Technique for Early Detection of Emerald Ash Borer in Urban Environments

Dr. Krista. L. Ryall, Canadian Forest Service, Great Lakes Forestry Centre, Sault Ste Marie, ON

Early (incipient) infestations of emerald ash borer (EAB) in urban areas are difficult, if not impossible, to detect on the basis of examining trees for signs and symptoms of EAB. This is because EAB mostly attacks branches during the early phase of the infestation (Ryall et al. in press), usually in locations that are difficult to see from the ground. Branch sampling detects incipient infestations with greater frequency than visual inspections or bark windows (Ryall et al. unpublished data), two commonly used methods of rating trees for infestation by EAB. Dr. Ryall's EAB Branch Sampling technique has been demonstrated to be effective in detecting active EAB infestations in 74% of asymptomatic ash trees sampled. Early detection provides valuable time for forest managers to develop and enact control strategies. This technique can also be used to provide estimates of EAB density on infested trees and to delimit the extent of outbreaks. This workshop will present current research findings relating to this improved detection method, including options and recommendations for large population sampling, and hands-on training in branch sampling protocols.

Bridging the Interdepartmental Divide – Use Your Urban Forest Management Tools to Build Partnerships within Your Municipality

Josh Behounek, Davey Resource Group (Moderator)

This workshop offers light snacks, libations, and educational sessions at Trinity Three Irish Pub (a 5 min walk from Hyatt) all to show how sharing common urban forestry tools and information can build strong interdepartmental relationships and create long-term internal support for your program. As each tool is presented, a local microbrew will be paired by Water Street Brewery's Brew Master.

The following "menu" of beer sampling and municipal colleague presentations will be offered at the workshop. Join these fellow professionals to learn how they used these urban forestry tools to help their department's mission, and how you can convince other departments in your city that they should partner with you too:

Tree Inventories – Paired with Honey Lager Light; Presented by Jim Bell, City of Elgin, IL, Parks Superintendent

Public Education/Outreach – Paired with Pale Ale; Presented by Edith Makra, Morton Arboretum, Community Tree Advocate

Urban Tree Canopy Analysis – Paired with Bavarian Weiss; Presented by Aaron Cosentino, City of Elgin, IL, Sustainability Coordinator

i-Tree Streets & Eco – Paired with Old World Oktoberfest; Presented by Ian Brown, City of Milwaukee, Technical Services Specialist

Don't Just Survive, Thrive!

Greg Stephens, President and founder of Choice Consulting

Can you imagine how different our world would be if instead of avoiding conflict or making it worse, we learned to harness the dynamic tension it creates in order to enhance and drive the creative process? Greg Stephens, a popular presenter at the Municipal Forestry Institute, will lead this workshop, designed to help you:

- See opportunity in challenges, and hope in crisis. Crisis is very often a catalyst for personal and professional growth.
- Develop resilience, which is the ability to be creative in moments of crisis.
- Navigate disagreements in a manner that strengthens relationships while preserving your own sense of self.
- Language your emotions in such a way that they become both guides and fuel for the journey, rather than roadblocks to your success.
- Respect your own needs while simultaneously acknowledging and respecting the needs of others, through the power of empathy, thereby creating optimal conditions for mutual achievement and excellence.

Sunday September 25, 2011

UFF Run, Walk, or Watch and Beach VolleyBall

(Separate Registration/Donation to Urban Forestry Foundation Requested)

4:00 pm – 5:30 pm

Transportation provided to the lake front, where you can join enjoy the beautiful view, weather, and great outdoors. Help raise money for Urban Forestry programs and get a little exercise at the same time. Spectators welcome!

SMA 47th Annual International Conference and Trade Show
“What’s Brewing in Urban Forestry?”
Hyatt Regency
Milwaukee, Wisconsin

Sunday, September 25, 2011

11:30 am – 3:30 pm	Pre-Conference Workshops
2:00 – 7:00 pm	Registration Open
4:00 – 5:30 pm	UFF Run, Walk, or Watch & Beach VolleyBall <i>(shuttle provided, donation to Urban Forestry Foundation requested.)</i>
6:00 – 7:30 pm	Opening Reception with Exhibitors

Monday, September 26, 2011

7:00 am – 4:00 pm Registration Open

7:00—8:00 am Breakfast with Exhibitors

7:00—8:00 am First-Time Attendees Breakfast with Organization Leaders

8:00 – 8:30 am

Welcome/Opening Comments

Doug Still, President, Society of Municipal Arborists

The Honorable Tom Barrett, Mayor of Milwaukee, Wisconsin

8:30 – 9:15 am

Leveraging Storm Water Grant Funds to Improve District Urban Tree Canopy

John Thomas, Associate Director and Chief Forester, Urban Forestry Administration, District Dept. of Transportation, Washington D.C.

This presentation will demonstrate the ways in which the District Department of Transportation (DDOT) Urban Forestry Administration (UFA) leverages storm water grant funds to pay for improvements to District urban tree canopy such as increasing soil volumes of trees, funding new tree plantings, removing poor quality, dead and declining trees and creating new urban green spaces on District-owned properties.

9:15 – 9:30 am

Exhibitor’s Corner

Each exhibitor will briefly describe their product line and how they can help municipal arborists.

9:30 – 10:00 am Break with Exhibitors

10:00 – 10:40 am

Urban Trees for a New Century

Nancy Buley, Director of Communications, J. Frank Schmidt & Son Co., Boring, OR

Learn what tree breeders and growers are doing to meet the need for developing sturdy, pest- and disease-tolerant trees that withstand the hardships of city living.

10:40 – 11:20 am

Green Shade - Tree Rebate

Paul Johnson, Regional Urban Forester, Texas Forest Service, San Antonio, TX

This presentation will compare and contrast tree planting models, review Green Shade - Tree Rebate for energy savings, and evaluate the effectiveness of each program.

11:20 am – 12:00 pm

Making The 50+ Year Decision

Ralph Mize, City Arborist, City of San Jose, CA

This presentation will review the critical factors that must be examined when deciding which tree species should be selected for a given street tree planting site.

12:00 – 1:00 pm Lunch with Exhibitors

1:00 – 1:40 pm

Making Sense Of Too Much Opportunity: Federally Mandated Green Infrastructure And Urban Forestry

Stephen Harris, City-County Arborist, Syracuse Dept. of Parks – Onondaga County Dept. of Water Environment Protection, Syracuse, NY

This presentation will demonstrate the social, political and programmatic barriers to implementing green infrastructure even when mandated by law, the broad-based approach to implementing green infrastructure, and how tree planting was evaluated then valued for storm water capture and goal setting in Syracuse, NY.

1:40 – 2:20 pm

Trees: The Original Green Infrastructure Bmp

Patrick Kelsey, Consultant, Wills Burke Kelsey Associates, Ltd, St. Charles, IL

Participants will learn how to quantify the role of the urban tree canopy in stormwater management, learn stormwater Best Management Practices of trees, and understand the impacts of trees on stormwater management.

2:20 – 3:00 pm

The Urban Forest Benefits Model: Furthering A City's Goals Towards Sustainability Through GIS Decision-supported Greening

Bradley Doff, Graduate Student, Lakehead University, Thunder Bay, Ontario

This presentation will describe how GIS and UF benefit research can be combined into a development tool to grow urban sustainability and thus foster stronger community buy-in.

3:00 – 3:30 pm Break with Exhibitors

3:30 – 4:15 pm

Tech Talk: Get Prepared For 2015 Now In 2011

Ian Hanou, Senior GIS Project Manager, AMEC Earth & Environmental, Denver, CO

Learn about new tools and technologies for urban forestry, trends expected over the coming years, and cost efficiencies that can be gained for municipal forestry programs.

4:15 – 4:45 pm

Mapping Urban Forest Productivity and Growth Rates By Lidar and Hyperspectral Imagery

Huan Gu, Research Assistant, University of Wisconsin, Madison, WI

This presentation will demonstrate the use of LIDAR and hyperspectral imagery to quantify urban forest coverage, nutrient status, biomass and carbon stock. The use of a time series of images can be used to map forest productivity in the urban ecosystem.

5:00 – 8:30 pm

Certified Arborist & Municipal Specialist Exams

Pre-registration to sit for exam required. Contact ISA to pre-register.

Tuesday, September 27, 2011

7:30 am – 4:00 pm Registration Open

7:30 – 8:30 am Continental Breakfast

8:00 – 8:45 am

Municipal Arborist Summer Interns

Summer interns with various municipalities share their experiences with municipal forestry.

8:45 – 9:30 am

Strengthening Diversity in Urban Forestry Service Delivery

Kimberly Kujoth, Environmental Policy Analyst, City of Milwaukee, WI

This presentation will help strengthen the relevancy of urban forestry to non-traditional audiences, demonstrate a model for new partnership building, and build support for urban forestry.

9:30 – 10:15 am

Here Today, Gone Today - Mechanized Removal and Processing Of Urban Trees

Don Peterson, Executive Director, Sustainable Resources Institute, Inc., Crystal Falls, MI

This presentation will demonstrate a unique collaboration between traditional forestry operations and urban communities that will allow for cost effective and efficient means for removing and utilizing a large volume of trees.

10:15 – 10:30 am Break with Exhibitors

10:30 – 11:15 am

The Role of Urban Forestry in Sustainability and Climate Change Planning

Justin Freedman, Senior Environmental Scientist, Metric Engineering, Miami, FL

This presentation will prepare municipal foresters for initiating their community's sustainability and/or climate change planning by demonstrating the importance of the urban forest and landscape in mitigation of, and adaptation to, climate change.

11:15 – Noon

Getting Value from Urban Wood

Jessica Simons, Natural Resources Specialist, Southeast Michigan Resource Conservation & Development (RC&D) Council, Ann Arbor, MI

This presentation will provide municipal arborists with the ability to recognize opportunities for higher-value wood utilization in their own communities and identify the steps required to make it happen, discuss the successes and challenges of past efforts to utilize urban wood, identify potential products and markets for wood from the urban forest, identify potential government, industry, and non-profit partners that can support urban wood use planning and implementation, identify the challenges in utilizing urban trees, and access online resources and research to help build more effective and efficient wood utilization plans.

Noon – 1:00 pm Lunch with Table Topics

1:00 – 3:00 pm

Milwaukee Urban Forestry Operations Tour

David Sivyer, Forestry Services Manager, City of Milwaukee, WI

The tour will feature three of Milwaukee's progressive urban forestry programs; Municipal Nursery Operations, Arborist Training, and Tree Protection Practices. The tour will begin with a visit to Milwaukee's 160-acre nursery which supports over 20,000 trees in various stages of production and 30,000 square feet of greenhouse space where 300,000 annuals and perennials are produced each year. Participants will observe climbing and pruning skills learned by arborist trainees who just 6 months prior never stood above the 5th step of a ladder and now have a bright new future in arboriculture. The tour will conclude with a stop at a street construction site to learn valuable insights from a 38-year Urban Forestry Technician who has mastered engineering solutions to protect Milwaukee's street and boulevard trees during construction, including design of a zero-clearance paving machine to preserve roots of street and boulevard trees.

3:15 – 4:00 pm

Conservation Arboriculture: Retaining Old Trees In The Human Landscape

*Philip van Wassenauer, Principal Consultant, Urban Forest Innovations Inc.,
Mississauga, Ontario*

Identify key opportunities to expand professional practice, learn key strategies and techniques to take advantage of these opportunities, and learn new practices of other professional disciplines that arborists can adopt to expand their practice.

4:00 – 4:45 pm

Standing At The Intersection Of Urban Forestry And Green Infrastructure: Which Way To Turn?

Laurence Wiseman, Chairman, National Urban & Community Forestry Advisory Committee, Potomac, MD

This presentation will acquaint municipal arborists with the array of forces shaping the future of urban forestry, and point them to opportunities for new partnerships and alliances for urban greening.

4:45 - 5:45 pm SMA Business Meeting

7:00 - 7:30 pm Reception and Silent Auction

Proceeds to benefit the Municipal Arborist Exchange program.

7:30-9:00 pm Awards Banquet

Wednesday, September 28, 2011

7:30 – 9:00 am Registration Open

7:00 – 8:00 am Continental Breakfast

8:00 – 8:45 am

Municipal Arborist Summer Interns

More summer interns with various municipalities share their experiences with municipal forestry.

8:45 – 9:30 am

i-Tree Version 4.0 Updates

Al Zelaya, Urban Forester, Davey Resource Group, Chicago, IL

Learn what is new with i-Tree and how these tools can help municipal foresters strengthen their urban forestry programs.

9:30 – 10:00 am Break

10:00 – 11:45 am

New Tools In The EAB Management Toolkit

John McNeil, Manager of Forestry, Town of Oakville, Ontario

This series of presentations will assist municipalities implement a balanced EAB management approach by providing new tools in identifying where EAB is located via

the Branch Sampling Method (*Dr. Krista Ryall, Canadian Forest Service*); adding a "tree protection" option to the EAB solution through injection of TreeAzin, a biopesticide (*Joe Meating, BioForest Technologies*); involving the community by identifying infested private trees through Hyper Spectral Imagery technology (*Ian Hanou, AMEC Earth & Environmental*); and developing planning and management strategies (*Dan Herms, Ohio State University*).

11:45 – Noon

Closing comments

John McNeil, incoming SMA President

SMA 47th Annual International Conference and Trade Show
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Hyatt Regency
Milwaukee, Wisconsin
Spouse/Guest Program

Sunday, September 25, 2011

Noon-7:00 pm Registration Open
4:00—5:30 pm UFF Fun Run/Walk & Beach Volley Ball
6:00—7:30 pm Opening Reception with Exhibitors

Monday September 26, 2011

7:30 am –4:00 pm Registration Open

7:30—8:30 am Breakfast with Exhibitors
Spouse/Guest Program Attendees Breakfast
First Time Attendees Breakfast with Organization Leaders

9:30 – 12:30 pm Shopping – Historic Third Ward
1:00 – 3:00 pm Lunch – Milwaukee Ale House

Transportation and lunch provided.

Located just three blocks south of downtown Milwaukee, the **Historic Third Ward** is known as “Milwaukee’s Arts and Fashion District” and offers the city’s most dynamic array of restaurants, spas, theaters, galleries and unique shopping, all in a historic warehouse setting. The neighborhood is also the home to the award-winning Third Ward Riverwalk and the Milwaukee Public Market. <http://www.historicthirdward.org/>

The **Milwaukee Ale House** is a micro-brewery pub located on Milwaukee’s River Walk. Enjoy a delicious lunch and your choice of locally famous Ale House lagers on a covered deck overlooking the Milwaukee River. <http://ale-house.com/>

3:00 –3:30 pm Break with Exhibitors

3:30 – 5:00 pm – Spouse / Guest Free Time to explore Downtown Milwaukee – refer to map for restaurant, pub and fine arts and cultural destinations.

Tuesday September 27, 2011

7:30 am—4:-00 pm	Registration Open
7:30—8:30 am	Continental Breakfast
10:00 am- 1:00 pm	Milwaukee Public Museum or Milwaukee Art Museum
1:00 pm – 3:00 pm	Lunch – Milwaukee Safe House

Transportation and lunch provided.

The **Milwaukee Public Museum**, one of the largest in the United States, is a museum of human and natural history providing a dynamic and stimulating environment for learning, with something to excite and challenge visitors with a diversity of interests.

The Museum currently houses over 6 million specimens. Permanent exhibits are contained in three and a half floors of exhibit area, with additional space for traveling and temporary exhibits. Tour the Museum's 150,000 square feet of exhibit space to visit Africa, Asia, Europe, the Arctic, South and Middle America, the Pacific Islands and a Costa Rican Rainforest. Recent traveling exhibits included: Titanic: The Artifact Exhibition, *Gunther von Hagens' BODY WORLDS*, Dead Sea Scrolls and the Bible, and Mummies of the World. <http://www.mpm.edu/>

The **Safe House** in Milwaukee is a popular spy-theme restaurant and night spot that since 1966 has provided Crafty Concoctions and Incredible Edibles to hungry agents on R & R. It is secreted behind International Exports Ltd. on Front Street in Milwaukee. Nowhere will you find a sign advertising "Safe House". "Secret agents" find this spy-haven mostly by word-of-mouth. (To enter you must swear not to reveal the location!) <http://www.safe-house.com/>

Alternative - Milwaukee Art Museum

The 341,00 square-foot Milwaukee Art Museum includes the War Memorial Center (1957) designed by Eero Saarinen, the Kahler Building (1975) by David Kahler, and the Quadracci Pavillion (2001) by Santiago Calatrava, and hosts 20,000 works of art. . The Museum also holds one of the largest collections of works by Wisconsin native Georgia O'Keeffe. In addition to the works in the Museum's Collection galleries, there are a variety of changing exhibitions throughout the year, including the three major feature [exhibitions](#) in the Baker/Rowland Galleries of the [Quadracci Pavilion](#). <http://www.mam.org/>

5:15 - 6:00 pm SMA Business Meeting

7:00 - 7:30 pm Reception and Silent Auction

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7:30-9:00 pm Awards Banquet

Wednesday, September 28, 2011

7:30—9:00 am Registration Open

7:30—8:30 am Continental Breakfast

9:30 – 12:00 Harley Davidson Museum

Transportation provided

Harley-Davidson motorcycles bring heart-thumping adventure, life-changing freedom and a bit of rebellion into the lives of people around the world. But whether you were born to be wild - or mild - makes no difference at the Harley-Davidson Museum in Milwaukee, Wisconsin. Much more than a nostalgia trip for motorcycle enthusiasts, home to over 450 motorcycles and thousands of artifacts, the Museum offers a glimpse of American history and culture like you've never seen it before. http://www.harley-davidson.com/wcm/Content/Pages/HD_Museum/visit_the_museum.jsp?locale=en_US&bmLocale=en_US

To help plan your visit to Milwaukee, see the Visit Milwaukee website

<http://www.visitmilwaukee.org/>