

Arborescence

THE OFFICIAL PUBLICATION OF THE MINNESOTA SOCIETY OF ARBORICULTURE



Inside This Issue:

President's Message

Welcome New Members

ISA Update

ISA Toronto

Newly Certified by ISA

Mark Stennes

MSA Fall Conference

Arboriculture in Seoul

Nominations

TRAQ

Important Dates

FALL 2013



**MSA
Executive Committee**

President

Jacob Ryg
City of Rochester Forester
507-328-2515
jryg@rochestermn.gov

Vice President

Jeffrey Loso
City of Bloomington
952-215-9402
thruhiker1999@me.com

Secretary

Rod Rodman
Four Seasons Tree Service
952-938-7708
rjrodman@centurylink.net

Treasurer

Jay Maier
Maier Forest and Tree
507-286-8733
jay@forestandtree.com

Past President

Pierce Wasmund
Northern Arborists
651-436-1367
climbpines@hotmail.com

ISA Council of Representatives (COR)

Jim Vaughan
City of St. Louis Park
952-924-2699
jvaughan@stlouispark.org

Arborescence Editor

Heidi Van Schooten
MSA Executive Secretary
heidimsa@gmail.com

**Want to Contribute
to Arborescence?**

MSA is looking for a few good people. Okay, not just a few. But if you are passionate about this industry and want to share that enthusiasm, we are looking for the following: writers, committee members and photo's. Please contact Heidi Van Schooten.

Arborescence

THE OFFICIAL PUBLICATION OF THE MINNESOTA SOCIETY OF ARBORICULTURE

President's Message

Jacob Ryg

MSA President

As summer transitions into fall there is a lot to get excited about in MN Arboriculture. The fall brings some of us relief in the form of mild temperatures and a desire to pump out as much work as we can before the winter grabs ahold of us. Please remember to be safe, ethical and true to the ISA code of ethics. These specifically apply to Certified Arborists - but are a great reminder for everyone touting themselves as an arborist. Here is a review of some of the major points (edited for length):

Responsibilities to ISA, the profession and the public

1. Certified Arborist compliance with all organizational rules, policies and legal requirements.
2. Comply with all applicable laws, regulations, policies and ethical standards governing professional practice of arboriculture.
3. Comply with all accepted professional standards related to arboriculture practice, including national practice standards and policies.
4. Refrain from behavior or conduct that is clearly in violation of professional, ethical, or legal standards related to occupational services and/or activities.
5. Deliver safe and competent services with objective and independent professional judgment in decision-making.
6. Recognize the limitations of their professional ability and provide services only when qualified.
7. Make a reasonable effort to provide appropriate professional referrals when unable to provide competent professional assistance.
8. Maintain and respect the confidentiality of sensitive information obtained in the course of professional activities unless: the information is reasonably understood to pertain to unlawful activity; a court or governmental agency lawfully directs the release of the information; the client or the employer expressly authorizes the release of specific information; or, the failure to release such information would likely result in death or serious physical harm to employees and/or the public.
9. Properly use professional credentials, and provide truthful and accurate representations concerning education, experience, competency and the performance of services.
10. Provide truthful and accurate representations to the public in advertising, public statements, and other representations, and in the preparation of estimates concerning costs, services and expected results.
11. Recognize and respect the intellectual property rights of others and act in an accurate, complete, and truthful manner, including activities related to professional work and research.

12. Disclose to clients or employers significant circumstances that could be construed as a potential or real conflict of interest or an appearance of impropriety.
13. Avoid conduct that could cause a conflict of interest with a client, employer, employee, or the public.
14. Assure that a conflict of interest does not compromise legitimate interests of a client, employer, employee, or the public and does not influence or interfere with professional judgments.
15. Refrain from offering or accepting significant payments, gifts or other forms of compensation or benefits in order to secure work or that are intended to influence professional judgment.
16. Follow appropriate health and safety procedures, in the course of performing professional activities, to protect clients, employers, employees, and the public from conditions where injury and/or other harm are reasonably foreseeable.
17. Inform appropriate government representatives or agencies when aware of an activity or circumstance that may cause an unsafe condition or violate legal requirements.

MSA has been and always will be about furthering the professionalism of our industry. It makes me very proud to be leading such a wonderful organization at this time in our history.

If you haven't heard about our fall conference at the MN Landscape Arboretum – check it out. We'll have a great program that captures the essence of what connects people and trees. I'm excited to see what Dr. Kathy Wolf will be presenting, her research is amazing. Please consider joining us October 10th!

Our continuing goal is to introduce students and arborists that are new to the industry to the MSA and show that becoming active in our state chapter can be one of the best steps to a new or improved career.

I humbly thank you for another great summer of arboriculture in Minnesota! Enjoy the fall.

Welcome New Members!

New members as of August 2013

Evan Amundson, Rainbow Tree Company
 Craig Berryhill
 MacKenzie Braun
 Joseph Collins
 Delwyn Colwill, Tri-County Tree Service
 Jared Culp, Student
 JoHanna Farmer, Student
 Jordan Garris, RCTC Student
 Mark Gertner, Student, UW Steven's Point
 Jeanette Gilles, Paul Bunyan Tree Service, Inc.
 Hunter Gosda, President, UWSP Student Society of Arboriculture
 Nicholas Grebe, Rainbow Treecare
 Jessie Kraker



Bradley Kuehn, Student-UWSP
 Taylor Kunkel, RCTC Student
 William Masterman
 Marlene Mills, Student
 Angela Nelson, JN Tree Service & Landscaping Inc
 Michael Dennis Paggen, Midwest Tree Experts, LLC
 Timothy Reiniser
 Nathaniel Runke
 William Sauerer
 Joseph Schweitzer, Student
 Allison Sellers, Student-UWSP
 Jonathan Turner, City of Saint Paul
 Edward Wood, Eddie Wood Tree Artist

ISA Update

Jim Vaughan

Council of Representatives (COR) – MSA representative

ISA Launches New Customer Service Center

Over the course of the next few months, ISA will be launching a new customer service center. In an effort to best serve members ISA will consolidate the Certification processing, Membership, and Sales areas into a new Customer Service Center. ISA staff will be trained to respond to inquiries for all products and services provided by ISA.

New President and President-Elect

The 2013 ISA International Conference in Toronto marked the transition to a new President and President-Elect. Colin Bashford (UK/Ireland Chapter) passed the gavel to our new President, Terry Flanagan (Pacific Northwest Chapter). Terry will hold the ISA President position through August of 2014 making him the new ISA President for 2014. At the 2014 ISA International Conference in Milwaukee WI, Terry will pass the gavel to President Elect, Mark Roberts (New Zealand Arboricultural Association).

Conference Follow-up

A total of 1,587 attendees from 30 countries attended the conference, beating last year's number of 26 countries.

International Tree Climb Championship (ITCC) 2013

The 2013 ITCC Champions are Scott Forrest and Nicala Ward-Allen, both of New Zealand. You can check out the full competition results on the ISA ITCC website. There were a record number of competitors this year with a total of 64 competitors (44 men, 20 women)!

Our MSA climbers, whom we proudly support and whom did a fantastic job at the ITCC were Nicholas Grebe and Rebecca Seibel-Hunt ... thanks to them for representing MSA so well.

ITCC Decoupling Proposal

Decoupling, the action where the ITCC and the international conference are held at separate times and places, was approved for two years (2015, 2016) due to the heat factor at the sites for the proposed annual conferences (Orlando FL, Fort Worth TX). We are looking at dates of February/March prior to the conference or October/November after the conference for the ITCC to be held. ISA/ITCC committee will give as much advanced notice as possible for when they will schedule the event(s).



Tree Risk Assessment Qualification (TRAQ)

ISA has put on eight TRAQ courses so far this year and are on course for having 40 done in the first year (from mid-May). There are about eight instructors and soon will have about a dozen. MSA will be hosting a TRAQ workshop in 2014.

2014 Membership Renewal Plan

September 1, 2013 is the first official day of the new 2014 ISA membership year. ISA memberships purchased from September 1, 2013 through August 31, 2014 will expire on December 31, 2014. During the first week in September, an email will be sent to all current ISA members who will be expiring December 31, 2013 encouraging them to renew their membership.

Proposed Membership Model Change

ISA currently has the calendar year model for membership renewal (as explained above), but there is a proposal to the Board to replace the calendar year with the anniversary year model, where your membership will expire on the one year anniversary of the date you renewed or became a member for the first time. More to come on this...

As always if you have any ideas or thoughts you'd like conveyed to the ISA, please contact me.

2013 ISA Toronto

Jacob Ryg

MSA President

In the center of Toronto which has + 5.7 million people and it was easy to see how important trees are to a mega-metropolis. This event was the 89th ISA conference and tradeshow – and it was a good one! The conference started out fast and furious with the international tree climbing championships on an island park in Lake Ontario and accessed by a seven minute boat ride from the mainland. Both Rebecca Seibel- Hunt and Nick Grebe (our MN climbing champions) had a very respectable showing; it was amazing to see all the climbers from all over the globe compete.

The tree academy workshops were also impressive with instructors like Tom Smiley, Jim Chatfield, Ed Gilman, Kim Coder and Paul Reis. It is exciting to learn from some of the best educators Arboriculture has to offer. I personally enjoy most every aspect of ISA conferences but the most valuable part has to be the professional networking - from students who typically are the most anxious to friends and colleagues that you can glean ideas from – it's worth the time & money.



TRAQ & EAB/ALB were hot topics for many of the speaking sessions. There is so much to learn in addition to “insect basics.” There are enormous environmental impacts and huge amounts of money to be lost / made with only these two pets.

Driving through Michigan, Indiana, Illinois and Ontario any tree person can see the countless trees dying and dead along the interstate. We've only seen the tip of the iceberg here in Minnesota... we've only just begun.

As you're making your plans for 2014 please consider making the short trip from Minnesota to ISA Milwaukee August 2-6 – it represents our professional industry and will be well worth the trip. Make sure to go to Wisconsin and enjoy the dairy air!

Newly Certified by ISA As of August 2013

New Certified Arborists

Christopher Backlund
Mitchell Bauer
James Bouchard
Benjamin Bradford
David Braun
Aaron Crye
Gerald Hoffstrom
Marcia Holmberg
Ben Isder
Jeremy Lenars
Robert Neeser
Angela Nelson
David Olson
Michael Paggen

Kyle Palmer
Andrew Rasmusson
Timothy Reiniger
Todd Rieck
Jerry Rosenthal
William Sauerer
Nels Spence
Ashley Steevens
Eric Swanson
Terry Taschuk
Matthew Throngard
Jonathan Turner
Brandon Williams
Edward Wood

Mark Stennes

Katie Himanga, CF

Certified Arborist and Certified Forester in Lake City

For most, the Minnesota State Fair conjures up images of food. For me it conjures up images of grand old elm trees and Mark Stennes' unwavering passion for their preservation. It was the summer of 1978 and Mark was cutting his plant pathology teeth on the elms at the fairgrounds. His mentor and faculty advisor, University of Minnesota (U) professor Dr. David W. French, hired two undergraduate assistants that summer: Larry Himanga and me. I worked in the wood decay lab while he worked with a brilliant, hard-working, unrelentingly curious and opinionated graduate student named Mark Stennes.

Dr. French and Mark Stennes believed that Arbotect 20-S could save elms if it could be applied at a rate much higher than what appeared on the label. They were right but it took a couple of years of research to prove it and to get the label changed. Mark inspected, dug around and injected trees at the fairgrounds, on Victory Memorial Drive in Minneapolis, in Roseville and on the St. Paul Campus of the U. Sometimes he dug deep, sometimes not at all. He injected tree trunks and root flairs. At least once he dug up the better part of an entire root system to inject Arbotect directly into roots.

By the time Stennes wrote his Masters degree thesis on the use of systemic fungicides for the management of Dutch elm disease (DED), he knew what had to be done to protect elm trees and he knew how to do it. He didn't mince words; you can't properly treat an elm without exposing the root flares; plan on getting your fingernails dirty. Today his treatment protocols for both Arbotect 20-S and propiconazole 14.3 are being used effectively throughout much of North America.

Besides trees, Mark had another love. He married Diane while he was a student. His daughters Julianne, 29; Leah, 27; and Mary, 24; came along later. "It's entirely safe to say that nothing is more important to me than my family," he told me recently, "and I have been among the luckiest men in the world in that regard."

Stennes started a tree service after graduating from school. After a few years he shifted gears and joined the staff of another tree service. He began working for S&S Tree Specialists in South St. Paul in 2005. He sat for the first ISA Certified Arborist exam in Minnesota and was among the first to become an ISA Board Certified Master Arborist. Stennes has been at the forefront of community forestry and tree health for thirty-five years.

He has been instrumental in educating green industry professionals by working with the U each year on its continuing education programs, providing live radio education on tree diseases and tree care, and working closely with the Minnesota Department of Natural Resources and other forestry advocates. He is leading the way in getting information about tree care out to the people who rely on it.



Stennes also said yes to almost every pertinent public speaking opportunity to which he was invited. He served as a committee member and as an executive on local professional associations and foundations. And, he was the longtime MSA representative on the Minnesota Turf & Grounds Foundation (MTGF) Board of Directors.

In recent years Stennes focused both on keeping arboricultural standards high and on finding new American elm cultivars that are tolerant of DED. He helped identify 'St. Croix,' a new American elm cultivar that will soon be released by Bailey Nurseries as a result of a current research project at the U, research which is being supported by the MTGF.

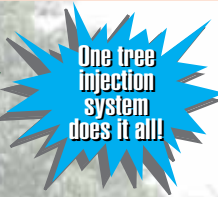
Stennes' advice for green industry professionals who want to become influential leaders themselves is to "maintain a high level of curiosity about everything pertinent you encounter, but are unsure of or are inadequately informed about. Be determined in your pursuit of factual accuracy, and have enough confidence in yourself and your ability to find out if 'I don't know' is your honest answer to a particular question you think you should have an answer for. Never stop being a student."



Stennes encourages green professionals to join, be active in, and volunteer to serve their professional associations in whatever capacity they can, especially on executive committees, where is where he believes opportunities to lead and be influential frequently occur. When it comes to creating opportunities, and engaging in promoting important priorities while keeping a sense of humor, Stennes sets the bar high and the profession of arboriculture is better for it.

Stennes was named one of the most influential people in Arboriculture in 2011 by Arbor Age Magazine. In 1998 and 2013 he received the Friend of the Department Award from the U Department of Plant Pathology.

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MSA's Fall Conference

October 10th, 2013

Minnesota Landscape Arboretum



CONFERENCE INFORMATION AND SCHEDULE:

7:00 Breakfast with Speakers

8:00 Opening Remarks

8:15 KEYNOTE Nearby Nature and Human Well-Being - Dr. Kathleen Wolf, Ph.D.

Dr. Kathleen Wolf is a Research Social Scientist with the College of the Environment, University of Washington, and is a key collaborator with the USDA Forest Service on the Green Cities Research Alliance in Seattle. Kathy does research to better understand the human dimensions of urban forestry and urban ecosystems. She has also worked professionally as a landscape architect and as an environmental planner. Her professional mission is to discover, understand and communicate human behavior and benefits, as people experience nature in cities and towns. If you are interested in learning more about her work, please go to the following websites:

Human Dimensions of Urban Greening | www.naturewithin.info/

Green Cities:Good Health | www.greenhealth.washington.edu

Green Cities Research Alliance | www.fs.fed.us/pnw/research/gcra/

9:30 Break

9:45 Minnesota Tree Law for Arborists - Lorrie Stromme

Lorrie Stromme is a lawyer in private practice and in the public sector for the past 16 years. She is a state-certified tree inspector. She is a past president of the Minnesota Shade Tree Advisory Committee and serves as co-chair of the Minneapolis Tree Advisory Board. Lorrie also has a Master's Degree in horticulture.

10:30 Using Social Media to Disperse Information - Brandon Gallagher Watson

Brandon Gallagher Watson is the Communication Director for Rainbow Treecare Scientific Advancements.

11:15 Lunch and MSA Business Meeting

12:15 Soils, Roots and Infrastructure: Trends in Downtown Trees - L. Peter MacDonagh, RLA, LEED AP, RHS

L. Peter MacDonagh is the Director of Design + Science, Kestrel Design Group, Inc. He specializes in state-of-the-art ecological restoration, urban forestry, stormwater planning and green roof technologies. He has over 26 years of experience providing ecological and sustainable site design for stormwater management, lake and river restoration, natural areas management plans, botanical inventories, urban forests, green roof installations and mining reclamation. Peter is a

Registered Landscape Architect in 7 states and 1 Canadian Province, serves as Adjunct Faculty at the University of Minnesota College of Design and continues to build his professional credentials speaking across the world about green technologies in the landscape.

1:00 The Small Business: A Significant Contribution - Jay Maier

Jay Maier is the founder of Maier Tree & Lawn and is an ISA Board Certified Master Arborist. He earned his B.S. in Forestry from the University of Missouri. If you are an employee or owner of a private business, your contribution IS significant. A tree care business is a place where arboriculture can meet profit; where employment can be created; where hard work and ingenuity can be rewarded; where the greater good can pay you back; and where true values ARE revealed. This session will explore the bigger picture of what tree businesses do and how we can make the most of that opportunity.

1:30 Research Update - Philip J. Potyondy

Influence of Urban Tree Canopy on Single-Family Residential Structure Energy Consumption at the Community Scale in Hutchinson, Minnesota

1:45 Research Update - Chad Giblin

Elm Selection Program: Minnesota

2:00 Ergonomics of the City: Green Infrastructure & Social Benefits - Dr. Kathleen Wolf, Ph.D.

3:00 Guided Arboretum Tour

4:00 MSA Social - Brindisi's Pub - Chanhassen Dinner Theaters

NEARBY LODGING AVAILABLE

There is a block of rooms available at a group rate of \$119 for the evening of Oct. 9 at: Country Suites Chanhassen - (952)937-2424 or book online www.countryinns.com/chanhassenmn by using the promotional code: MSAF

OTHER LODGING OPTIONS

AmericInn of Chanhassen - (952)934-3888 / Holiday Inn Express Chanhassen - (877)863-4780

MSA Fall Conference Registration

Register online at: <http://msa-live.org/events/msa-fall-conference>

There is no paper registration this year, through the on-line registration you will have the option of paying by credit card or by check at the door.

On-Line REGISTRATION DEADLINE:

October 4, 2013

NOTE: Limited to the first 200 registrants

Conference Cost:

\$ 125 member

\$ 145 nonmember

Free for students (with valid student ID)

Plan on joining fellow members for a social time following the conference!

Appetizers and a drink ticket will be provided!

Arboriculture in Seoul, South Korea

Katie Himanga, CF

Certified Arborist and Certified Forester in Lake City

Each year Seoul, South Korea, offers residents and visitors a springtime banquet of cherry blossoms. I timed a trip so I could see cherry blossoms and visit my daughter at the same time. I had a great time but was disappointed to see the kind of tree care that goes on in the busy, modern city.

Too many trees in Seoul are brutally topped, some year after year. I saw one group of trees that may be getting trained as pollards, but the rest were indiscriminately butchered. The relative absence of trees in the urbanized areas of the city amplifies the tragedy.

Seoul is a city among mountains. Lovely wooded hillsides are often in view and easy to visit being a few steps from public transit. Up close the woodlands are noticeably in need of ecological restoration, but the cherries were in bloom when I was there and the beauty trumps all else. In contrast to the wooded hillsides, neighborhood trees are shoehorned into sidewalk pits and common areas situated among skyscraper apartment buildings.



South Korea is experiencing a surge of interest in green infrastructure. Efforts are underway in Seoul to retrofit green into a landscape of asphalt and concrete built to accommodate rapid growth over the last 60 years. There are above ground hints that work is being done to improve conditions under pavement in some locations. On a walk near the Central Government Complex I saw rainwater gardens installed in the middle of the sidewalk.

Clearly green infrastructure is in its infancy in Seoul. We can hope that modern arboriculture makes it onto the scene quickly. It was along boulevards and in commercial settings that I saw hundreds of topped trees. Tree workers use hand tools and ladders and get around in small vehicles. Brush went into big plastic burlap bags or was bundled and tied with twine and then hand carried or hauled in small trucks to tiny yarding areas in alleys or parks.

In the picturesque woodlands of Namsan, Seoul's premier park, we saw branches cut to about six feet in length and left in tidy piles here and there rather than hauled away. Cost savings are a good reason to consider this approach with microhabitat for mushrooms and wildlife an ecological bonus. Aesthetically it works fine.

Planted trees in Seoul appear to be salvaged in the wild rather than nursery grown. Most are braced, some with bamboo and rope, others with metal hardware. This may be warranted for tall lanky trees in the extreme turbulence of street level living among skyscrapers, but seems to be used for all kinds and sizes of trees in all sorts of settings.

What Seoul lacks in tree care it makes up for in shrub care. Everywhere we went we saw beautifully cropped boxwood and flowering shrubs in natural form and glorious bloom. The excessive shearing of shrubs that is too common in the U.S. is almost absent in Seoul.

As I reflect on arboriculture in Seoul, two things bubble to the top. First, it is possible to have beauty in crowded places dominated by concrete and asphalt. Finally, we must keep spreading the word about proper tree and shrub care around the world and here at home.



Nominations and By-Laws Information

The MSA Constitution and Bylaws, Article VIII, calls for the elections of Executive Committee members to be nominated and voted in by the regular membership. The solicitation of nominations is supposed to be at least 60 days prior to the annual meeting. The Secretary is to have the nominations 30 days prior to the annual meeting. Due to time constraints the election process is being shortened in order to have a ballot at the annual meeting. The 60 day nomination period has been shortened to 25 days and the 30 day period shortened to 10 days.

If you have any concerns or comments about the election process, please contact the Executive Committee.

We are still actively seeking nominations at this time. Who do you think would do a great job of representing MSA on the Executive Board?

We have two positions that need to be filled beginning in 2014:

VICE PRESIDENT

This person serves a 6 year term (2 years as Vice President; 2 years as President; and 2 years as Past President).

COR Representative

This position has a two year term commitment. The COR Representative is MSA's chapter liaison to ISA.

Being a part of the MSA Executive Board allows members to help set the course for the organization. Get involved! Think of folks that would serve the membership well and send your nominations in by September 30th to heidimsa@gmail.com.

The membership will be voting for the candidates at the Fall Conference.

Thank you in advance for your consideration and time.

TRAQ is coming to MN this Spring - Watch for Details!

<http://www.isa-arbor.com/events/workshopsAndSymposia/TRAQevents.aspx>

The ISA Tree Risk Assessment Qualification (TRAQ) program provides an opportunity for professionals in the arboriculture industry to expand their knowledge through education and training in the fundamentals of tree risk assessment. This qualification promotes the safety of people and property by providing a standardized and systematic process for assessing tree risk. The results of a tree risk assessment can provide tree owners and risk managers with the information to make informed decisions to enhance tree benefits, health, and longevity.

The course includes Tree Biology and Mechanics, Tree Inspection and Assessment, Data Analysis and Risk Categorization, and Risk Reporting. The Tree Risk Assessment Qualification (TRAQ) Course prepares the participant to take the TRAQ assessment to become ISA Tree Risk Assessment Qualified.

The qualification consists of a 2-day educational course followed by a ½ day assessment that includes both a written and field component. It is required that you attend the course and successfully complete the assessment in order to receive this qualification.

For more information and a list of prerequisites to take this course view the Tree Risk Assessment Qualification Handbook (<http://www.isa-arbor.com/certification/resources/TRAQHandbook.pdf>).



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Important Dates

Visit www.msa-live.org to learn more.

MSA Fall Conference

Thursday, October 10, 2013
MN Landscape Arboretum

TCIA Tree Care Industry Association Meeting

November 14-16, 2013
Charlotte, NC

Super Tuesday

Tuesday, January 7, 2014

Northern Green Expo

January 8-10, 2014
Minneapolis Convention Center

TCIA Winter Management Conference

February 2-6, 2014
Paradise Island, Bahamas

Arbor Day

April 25, 2014

ISA 88th Annual Conference

August 2-6, 2014
Milwaukee, WI

EXAM DATE	LOCATION
Certified Arborist 10.03.2013	Chanhassen