

26th ANNUAL RELEAF CONFERENCE

July 26-28, 2018

Rochester Institute of Technology
Rochester, NY



New York ReLeaf

“NAVIGATING THE COMPLEX URBAN FOREST”



Department of
**Environmental
Conservation**



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Plan-It Geo specializes in trees and technology, offering innovative solutions in web and mobile software, GIS and LiDAR for urban tree canopy assessments, tree inventories, and management plans. Our ISA Certified Arborists and technical staff built and use Tree Plotter software, the most comprehensive, user-friendly, supported, and customizable inventory and data management software in the world.

Plan-It Geo provides services and supports clients nationally and internationally in the state and local government, private, and non-profit sectors. Our services assist clients in gathering important data, conducting small and large-scale projects, and developing plans to build support and the road map towards a sustainable urban and community forest.

Learn more about us at www.planitgeo.com and our tree and park inventory software at www.treeplotter.com. Look for upcoming tree inventory workshops in a city near you (www.planitgeo.com/events), educational webinars (www.treeplotter.com/webinars), and explore our Tree Plotter demo app (www.pg-cloud.com/tpDemo)!

Get started on your path towards a sustainable urban and community forest today by contacting us at 1-833-TREEMAP or info@planitgeo.com

Our main office is located at 7878 Wadsworth Blvd Suite 340 Arvada, CO 80003



Christopher J. Luley, Ph.D.

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Thank you from New York Region 8!

Conference Brochure

Thursday, July 26

10:30 a.m. – 3:30 p.m. Sponsor/Vendor Exhibit Set Up, Louise Slaughter Hall

1:30 p.m. – 3:30 p.m. New York State Urban Forestry Council Board Meeting, Louise Slaughter Hall

4:00 p.m. – 7:00 p.m. Registration and Dorm Check-in, Louise Slaughter Hall

4:00 p.m. – 5:30 p.m. Ongoing Sponsor/Vendor Exhibit, Louise Slaughter Hall

4:00 p.m. – 6:00 p.m. Screening of “The Hemlock Woolly Adelgid: A Film About the Loss of an Ecosystem”

This film is an education visual resource to engage, raise awareness and create momentum on this destructive forest pest and invasive species in general. A panel discussion will follow the film.

Mark Whitmore, Extension Associate, Cornell College of Agriculture and Life Sciences

Julie Lundgren, Ecologist, NY Natural Heritage Program

Hilary Mosher, Coordinator, Finger Lakes Partnership for Regional Invasive Species Management

Moderator: Mark Gooding, NYS DEC

ISA Certified Arborist = 2.0 CEUs, CNLP = 2.0 CEUs, DEC Categories 2, 10, 25, 3a, 9 = 2.0 CEUs

6:00 p.m. – 7:00 p.m. Annual Council Members Meeting, Louise Slaughter Hall

7:00 p.m. – 9:00 p.m. Member’s Reception, Louise Slaughter Hall

Light hors d’oeuvres will be served. ****DINNER ON YOUR OWN****

Friday, July 27

7:00 a.m. – 5:00 p.m. Registration and Dorm Check-in /Meet with Exhibitors, Louise Slaughter Hall

7:00 a.m. – 8:30 a.m. Breakfast for Overnight Guests Only, Louise Slaughter Hall

****Note: Room keys due to registration desk by 11:00 a.m.****

8:30 a.m. – 9:00 a.m. Welcomes by Invited Speakers

Karen Emmerich, President, NYS Urban Forestry Council

Jason Beardsley, Co-Chair, Region 8 ReLeaf Committee

John Gibbs, Natural Resources Supervisor, NYS DEC

Moderator: Mary Kramarchyk, NYS DEC

9:00 a.m. – 10:00 a.m. Keynote: New York Tree Law

Overview of the Law pertaining to tree maintenance, ownership and adjoining landowner rights.

Laura E. Ayers Esq., Office of Laura E. Ayers, Esq.

Moderator: Sally Kellogg, NYS DEC

ISA Certified Arborist = 1.0 CEUs, CNLP = 1.0 CEUs

10:00 a.m. – 10:15 a.m. Introduction to Exhibitors

Moderator: Mary Kramarchyk, NYS DEC

10:15 a.m. – 11:00 a.m. Break/ Visit Exhibitors, Louise Slaughter Hall

11:00 a.m. – 12:00 p.m.

Workshop – Hemlock Woolly Adelgid and Spotted Lanternfly

Hemlock Woolly Adelgid (HWA) is an invasive, aphid-like insect that severely damages Eastern and Carolina hemlocks and has spread significantly throughout New York State. Workshop topics include information on the NYS Hemlock Initiative, hemlock ecology, basic HWA biology, HWA natural and chemical controls with a special emphasis on new biocontrol efforts at Cornell University. Spotted Lanternfly is an exotic, invasive insect that was first detected in Pennsylvania in September 2014. As populations continue to spread, it is likely to have a major impact on forests and agriculture in New York. The lengthy host plant list includes apples, cherries, grapes, peaches, hops, pine, oak, walnut and poplar. The presentation will cover Spotted Lanternfly identification, biology, distribution, damage and potential controls.

Speaker: Mark Whitmore, Extension Associate, Cornell College of Agriculture and Life Sciences

Moderator: Mark Gooding, NYS DEC

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Workshop – Legal Liability for Trees

Overview of liability for damages caused by trees, including liability for diseased trees and for timber theft.

Laura E. Ayers Esq., Office of Laura E. Ayers, Esq.

Moderator: Sally Kellogg, NYS DEC

ISA Certified Arborist = 1.0 CEUs, CNLP = 1.0 CEUs

Tour – Rochester Institute of Technology Campus Sustainability Tour – Meet in lobby of Louise Slaughter at 11:00 a.m.

Join us for a tour of RIT’s campus, and learn about sustainable design features such as a community garden, storm water infrastructure, and the new LEED Platinum-certified Sustainability Institute Hall. If time permits, we will also walk through some of our forested areas, and showcase relevant research.

Speaker: Harshita Sood, Sustainability Initiatives Manager, Rochester Institute of Technology

Moderator: Mary Martin, NYS DEC

ISA Certified Arborist = 1.0 CEUs, CNLP = 1.0 CEUs

1:00 p.m. – 1:45 p.m. Catered Lunch & Visit with Vendors, Louise Slaughter Hall

2:00 p.m. – 4:00 p.m.

Workshop - Inventory Management Discussion, Demonstration and the “Why” on Tree Inventories

This presentation will be an introduction of why a GIS based tree inventory is important to you and your community. The presentation will specifically focus on why a tree inventory should be the basis of any large tree population, along with the benefits of having that information. This software can assist in the planning and implementation of tree maintenance and care work for a healthy urban forest. Decide which software works best for you: Bartlett Inventory, Solution Treekeeper by Davey, or Treeplotter by Plan-It Geo. The presentation will demonstrate how a forestry crew, city contractors and citizens can access the data and all have a part in the management of the Urban Forest.

Kevin R. Weber, Bartlett Inventory Solutions (BIS) Technical Advisor, Bartlett Tree Experts

Lori Brockelbank, Davey Tree Experts Project Manager

Chris Peiffer, ISA Certified Arborist, Plan-It Geo

Moderator: Art Traver, Wendel Companies

ISA Certified Arborist = 2.0 CEUs, CNLP = 2.0 CEUs

Workshop – Tree Decay Fungi: The Good, The Bad, and the Edible & Tree Health in the Urban Forest

Learn the basics of wood decay fungi identification, which ones are a serious problem for the tree, what ones you can eat, and the ones might help your health with Chris Luley, PhD. Urban trees harbor some of the best and worst of all these worlds, and identification is within the grasp of even those that are new to the decay fungi. Then hear from Bill Snyder an overview of tree health in the urban forest, including: assessing urban tree condition, causes of urban tree decline, urban tree diseases and care of urban trees.

Chris Luley, PhD., President, Urban Forest Diagnostics

Bill Snyder, Certified Arborist, Greenleaf Supply

Moderator: Jason Beardsley, Co-Chair, Region 8 ReLeaf Committee

ISA Certified Arborist = 2.0 CEUs, CNLP = 2.0 CEUs, DEC Categories 10, 3a = 1.0 CEUs

Tour - Mount Hope Cemetery Tour – Meet in lobby of Louise Slaughter at 1:45 p.m.

Mount Hope Cemetery is a magnificent 196 acres of lofty hills and picturesque valleys created by glaciers and transformed into a beautiful historic cemetery. A diversified forest of trees forms an arboretum which shades thousands of marble, bronze, and granite monuments.

Zakery Steele, Landscape Architect, Stantec

Moderators: Mary Kramarchyk, NYS DEC and Garrett Koplun, NYS DEC

ISA Certified Arborist = 2.0 CEUs, CNLP = 2.0 CEUs,

5:00 p.m. – 9:30 p.m. Picnic - Genesee Valley Park Meet in lobby of Louise Slaughter at 5:00 p.m.

Chainsaw Demonstration, Marty Dodge Furniture Making

CNLP = 1.0 CEUs

Tour of the Frederick Olmstead Designed Park, JoAnn Beck, President, Highland Park Conservancy

CNLP = 1.0 CEUs

Saturday, July 28

7:00 a.m. – 8:30 a.m. Breakfast for Overnight Guests Only, Louise Slaughter Hall

****Note: Room keys due to registration desk by 11:00 a.m.****

7:00 a.m. – 12:00 p.m. Registration/Meet with Exhibitors, Louise Slaughter Hall

8:30 a.m. – 9:45 a.m.

Plenary – Oak Wilt: To Panic or Not

Oak wilt is a disease that affects all oak trees. It was discovered in Canandaigua in 2016. Learn about the basics of oak wilt and the best management practices to protect oak trees including potential pesticide applications.

Jerry Carlson, Research Scientist, NYS DEC

Moderator: Sally Kellogg, NYS DEC

ISA Certified Arborist = 1.25 CEUs, CNLP = 1.25 CEUs, DEC Categories 2, 10, 25, 3a, 6a, 9 = 1.25 CEUs

9:45 a.m. – 10:15 a.m. Break/Visit Vendors, Louise Slaughter Hall

10:15 a.m. – 11:00 a.m.

Workshop – EcoDistricts: Resilient and Sustainable Cities from the Neighborhood Up

The EcoDistricts organization is "advancing a new model of urban regeneration and community development rooted in a relentless commitment to authentic collaboration and social, economic and ecological innovation. Our work is powered by the growing number of inspired urban change makers that are reimagining the future of cities." There is a myriad of options for neighborhood-scale sustainable development: STAR Communities, LEED-ND, 2030 District, and EcoDistricts to name a few. In this talk, Rachel will explore why we chose the EcoDistricts model for the High Falls area and our experience forming the first EcoDistrict in New York State.

Rachel Walsh, EcoDistrict Manager, Greentopia

Moderator: Mark Gooding, NYS DEC

ISA Certified Arborist = .75 CEUs, CNLP = .75 CEUs

11:00 a.m. – 12:00 p.m.

Workshop – Underutilized Trees and Large Shrubs in the Landscape

Community forest decision makers will learn the best management practices to improve the plants within the urban ecosystem. Recommendations for the best trees to use in urban settings will be discussed and which include native and non-native species.

Tom Draves, Certified Arborist, Draves Tree Service

Moderator: Mark Gooding, NYS DEC

ISA Certified Arborist = 1.0 CEUs, CNLP = 1.0 CEUs

10:15 a.m. – 12:00 p.m.

Service Project – Trees for Tribes EAB Restoration: Getting Dirty Service Project – Meet in lobby of Louise Slaughter at 10:00 a.m.

Attendees will be transported via bus to Oatka Creek Park in the Town of Wheatland. A walking tour of the Trees for Tribes planting site will commence after a short briefing on the project at the trail entrance. Peter Lent, Mark Quinn and Garrett Koplun will lead the tour and provide background of the Creekside riparian planting (Spring 2016). Portions of the planting area have a heavy component of green ash overstory. Attendees will see firsthand how EAB has degraded the canopy and how the riparian planting was implemented to replace the ash in the future. There will also be time devoted for attendees to assist with tree shelter maintenance after some demonstrations by tour leaders.

Peter Lent, Chair, Oatka Creek Watershed Council

Garrett Koplun, Forester, NYS DEC

Moderator: Mark Quinn, Monroe County Parks

ISA Certified Arborist = 1.75 CEUs, CNLP = 1.75 CEUs

12:00 p.m. – 1:00 p.m. – Box Lunch , Louise Slaughter Hall

CONFERENCE CLOSES – 12:00 p.m.

Don't forget to fill out your surveys!

<https://www.surveymonkey.com/r/7WPKJVP>

Conference Speakers Biographies

Keynote Speaker:

Laura E. Ayers, Esq.

New York Attorney Laura E. Ayers focuses her law practice on real property. Actively at the helm of her own law firm since 2010, Laura has over fourteen years of experience dealing with the special issues that arise in complex real property disputes and is often retained as special counsel to municipalities or as an expert witness. Laura is a frequent lecturer on various real property topics including, the Highway Law, Easement Law, and Boundary Line Disputes for the New York State Bar Association, among others.

Laura received her Bachelors of Science in Biochemistry and Biophysics from Rensselaer Polytechnic Institute and her Juris Doctor from Albany Law School of Union University.

Workshop Speakers:

Lori Brockelbank

Lori Brockelbank is a project manager with Davey Resource Group. Ms. Brockelbank manages the planning and coordination of the City of Buffalo Tree Management Program. Her primary responsibilities include quality control; technical consulting and plan writing; tree assessments; tree ordinance interpretation; tree preservation activities; tree/timber appraisals; arboricultural trainings; expert witness testimony; and outreach and educational programs. Ms. Brockelbank has experience in both traditional forestry and urban forestry. Ms. Brockelbank also focuses on private and community land activities that include insect/disease diagnosis, tree planting plans and inspections, and working with municipalities to obtain Tree City USA status. Ms. Brockelbank has expertise in Davey's TreeKeeper® software suite for inventory management as well as the USDA Forest Service i-Tree software suite (tools for assessing community forests). As a business developer in her home state of New York, Ms. Brockelbank provides community and urban forestry solutions focusing on outreach, planting, and risk management. Ms. Brockelbank is an International Society of Arboriculture (ISA) Certified Arborist and Municipal Specialist (NY-5326AM) and is also Tree Risk Assessment Qualified (TRAQ) through ISA. She is President of the New York State Arborist Association, and a board member of the New York State Urban Forestry Council. Ms. Brockelbank is also a graduate of the Municipal Forestry Institute (MFI). Ms. Brockelbank graduated from SUNY-ESF (College of Environmental Science and Forestry), where she holds a bachelor's degree in natural resource management.

Jerry Carlson

Jerry Carlson is a forester and biologist and the DEC's chief expert on forest protection. The major forest health concerns at present relate to the loss of biological diversity, invasive species impacts, climate change, and forest sustainability. He has a MS in Forestry from the University of British Columbia, and more than 30 years' experience working on the health of North American forests.

Tom Draves

Tom Draves is the past Vice President of New York State Arborists and current managing partner for Draves Tree and Landscape as well as the owner of Draves Arboretum. He is a NYS Certified Arborist and Pesticide Applicator, holds plant patents in United States, Canada and Europe. He frequently presents on aspects of arboriculture at meeting events of NYSA, NYSTA, Finger Lakes College, NCCC, DEC, NYS Releaf, City of Buffalo, Plant WNY, and ISA.

Garrett Koplun

Garrett Koplun is a private lands forester for NYSDEC in Region 8, Avon. His primary duties include: ReLeaf committee planning; working directly with private forestland owners on stewardship planning; layout of forestry practices; administering forestry cost-share grants; administering the NYS Forest Tax Law 480a; inspection of urban forestry grant projects; and various educational outreach activities. Garrett is an ISA Certified Arborist (NY-5605A) and member of the USFS Northeast Area Urban Forest Strike Team. Garrett has helped coordinate and participated in three large volunteer tree plantings through the NYSDEC's Trees 4 Tributaries (T4T) program. Each of those plantings had a focus on replacement of riparian forest canopies where there was a heavy component of green ash. The T4T planting at Oatka Creek Park was amongst those plantings. Garrett graduated from SUNY Ranger School in 2004 with an A.S. in Forest Technology and SUNY College of Environmental Science & Forestry in 2006 with a B.S. in Forest Resource Management.

Peter Lent – Current Chair of the Oatka Creek Watershed Council

Chris Peiffer

Chris Peiffer has a Bachelor of Science, Urban Forestry Degree from Pennsylvania State University and specializes in urban forest planning, management, development, and innovation. He is experienced in tree inventory and assessment data collection, synthesis, and analysis and urban forest management plan writing. This experience includes regional canopy action plans and strategies, urban forest management / master plans, strategic planting plans, analysis and reporting of statewide tree inventories, strategic planting plans, and Urban Tree Canopy (UTC) reports. He has written or contributed to each management plan conducted by Plan-It Geo and recently, Chris managed and completed a countywide 168,000 street tree inventory staffed with 6 Tree Inventory Technicians. Chris is experienced in stakeholder engagement workshops, facilitating workgroups, and assessing urban forestry programs and their levels of service. Chris is also an expert arborist (ISA Certified Arborist, Penn-Del Chapter #PD-2070A) and seasoned field crew manager with experience from leading tree care firms, understanding the maintenance needs, tree physiology, and tree responses to proper tree care. He is a graduate of the 2011 Municipal Forestry Institute, 2013 Urban Forestry Institute, and 2014 Urban Forest Strike Team Training.

Mark Quinn

Mark Quinn is Superintendent of Horticulture for Monroe County Parks. He has been employed in horticulture for over 35 years, and has been with Monroe County Parks since 1984. As Superintendent of Horticulture, Mark oversees forestry, greenhouses and planting throughout the over 12,000 acre park system. Mark is also responsible for construction and building operations throughout the system. Mark holds a Bachelor's of Science in Geology from SUNY Brockport. He is a board member of the Highland Park Conservancy, The Olmsted Park Alliance and the Vietnam Veterans Memorial of Greater Rochester. Mark has served as an instructor and a board member of the Rochester Technicians Program. He has also been part of the Monroe County Emerald Borer task force.

William A. Snyder

William Snyder is a graduate of the College of Environmental Science and Forestry at Syracuse, B. S. 1975. He began his career with Lewis Tree Service, then opened Frontier Tree and Lawn Service in Buffalo, NY. William is a Registered Consulting Arborist with the American Society of Consulting Arborists, a Certified Arborist with the International Society of Arboriculture, and has served on the board of directors for The New York State Arborists Association. He is also a past President of the Western New York Nursery and Landscape Association, and director for the New York State American Chestnut Foundation. William has been a guest lecturer for the NYS Urban Forestry Council, the Western New York Landscape Association, the New York Turfgrass Association, and the Michigan Green Industry Association. He has developed and taught woody plant care, and plant appraisal seminars at Buffalo State College and has instructed numerous seminars on tree care to groups in New York, New Jersey and Connecticut.

Rachel Walsh

Rachel Walsh received her BS in Horticulture from the State University of New York at Cobleskill. The smell of warm soil in a humid greenhouse called her to four years of work in cultivation and sales of annuals and perennials. Despite her love of dirty hands and pretty flowers, she took her passion from the field to the classroom- where she received her MA in Sustainability from Antioch University Seattle. The program was housed in the Center for Creative Change which specialized in teaching students adaptive, systemic design solutions for a rapidly changing world. Now back home in Rochester, she is excited to be putting her newly minted education to use in her role as EcoDistrict Program Director for Greentopia forming New York State's first EcoDistrict in the High Falls area of downtown Rochester. She is actively involved in the Rochester urbanist scene and sits on the Rochester Chamber of Commerce Future Leaders' Advisory Council.

Kevin R. Weber

Kevin Weber is one of the Bartlett Inventory Solutions (BIS) Technical Advisor roles at The R.A. Bartlett Tree Research Laboratories & Arboretum in Charlotte, NC and has been with The F.A. Bartlett Tree Expert Company since 2009. He is an advisor to ten specialized Regional Inventory Arborists that primarily perform tree inventories and tree risk assessments along the U.S. East Coast and Canada. Since Kevin joined the Bartlett Tree Experts, he has performed in arboricultural leadership roles such as a Regional Inventory Arborist, Tree Crew Leader, Plant Health Care Specialist, and Arborist Representative. Kevin is a graduate of Delaware Valley College with a BS in Ornamental Horticulture, an American Society of Consulting Arborists (ASCA) Registered Consulting Arborist (#636), International Society of Arboriculture (ISA) Board Certified Master Arborist (PD-2030B), ISA Tree Risk Assessment Qualified (TRAQ), and a Tree Care Industry Association (TCIA) Certified Treecare Safety Professional (#732).

Mark Whitmore

Mark Whitmore is a Forest Entomologist in the Department of Natural Resources at Cornell University. Mark started his career at the University of Washington studying the natural enemies of Spruce beetles in Alaska. He then studied at UC Berkeley, focusing on Biological Control of forest pests, researching parasitoids of pine bark beetles. Mark has been at Cornell since 1989 and currently works with professional land managers, state and federal agencies, local government officials, and concerned citizens to help them understand the issues and strategies for minimizing the impact of non-native invasive insects such as the Emerald Ash Borer and Hemlock Woolly Adelgid. Mark is currently the director of the New York State Hemlock Initiative and the Hemlock Woolly Adelgid Biocontrol Research Lab at Cornell.

See you next year in Region 3
& have a safe trip home!



**New York
ReLeaf**