THE BUCKEYE Arborist

Ohio Chapter International Society of Arboriculture

November/December 2026

Make Plans Now for the 2027 Ohio Tree Care Conference!

Three days of education, networking and industry connections await February 2–4 in Newark, Ohio!

Mark your calendars and start planning for the **2027 Ohio Tree Care Conference & Trade Show**, taking place February 2–4, 2027, at the Cherry Valley Hotel in Newark, Ohio. Hosted by the Ohio Chapter of the International Society of Arboriculture (OCISA), this annual event brings together tree care professionals from across Ohio and beyond for valuable education, networking opportunities and the latest products, equipment and innovations in arboriculture.

Whether you work in commercial tree care, municipal forestry, utility arboriculture, plant health care, research or another area of the industry, the Ohio Tree Care Conference offers something for everyone. With a variety of educational sessions led by knowledgeable industry professionals, attendees can explore current challenges, discover new techniques, strengthen their professional skills and gain practical knowledge to bring back to their businesses and communities.

In addition to the educational program, attendees can visit the trade show to connect with exhibitors, learn about new products and services, and explore equipment and technology designed to support the tree care industry. The conference also provides an excellent opportunity to reconnect with colleagues, meet new industry contacts and share ideas with fellow professionals.



President's Branch

By: Brian Goodall

Fall is here and cooler temperatures finally arrived. This is a time for gratitude and preparation as we move into winter's shorter days.

Cutting, splitting and stacking firewood may be my favorite thing to do. Now that the temperatures have changed, it is finally time to take advantage of the hours of splitting and stacking, the preparation. I am grateful to have the wood to warm my home. As I know many of you have been preparing all summer long for the harvest of fall to be ready with winter backlog, remember to take a minute of gratitude for the hard work yourself and those around you have put in to get here.

As I take from my wood pile, the reminder of work still to do fills my thoughts. There is much still to do and there is still time to do it. Be grateful for the time you have and the opportunity to continue to do it. Keep moving forward. Keep cutting, splitting and stacking.

I had the opportunity to volunteer at the International Tree Climbing Championship in St. Louis. Several Ohio members as well as many other friends from chapters near and far volunteered their time and efforts to make the 50th anniversary of the ITCC special. Ohio had three competitors who took part, Evan Beck, Anna Sonnenfeld, and Kyla Anderson. All of them earned their spot to compete at the highest level through the Ohio competition and the North American Competition. All of them are amazing tree climbers, but most of all, they are amazing people. I am proud of all of them.

Please consider taking the time to volunteer. Events such as ITCC or the Ohio TCC do not occur without the support of volunteers. In 2027, the Ohio TCC will be held May 14-15 near Columbus. Please consider supporting this event and other events like it. Many of us that support Ohio also will travel for neighboring competitions and events. It is a great time to learn and give back. Check out our other events and activities at the chapter, see where you might be able to help.

I appreciate everyone's time and efforts out there. Keep moving forward. Keep cutting, splitting and stacking. Winter is coming and there is still much work to do. There is still time.

With gratitude,

Brian

THE BUCKEYE ARBORIST

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Articles
Submit articles in Word format to the Editor at info@ohiochapterisa.org for consideration. All articles are subject to technical review. Accepted articles may be edited for brevity, clarity, and adherence to Chapter requirements and standards. Submissions must contain original work.

An ISA Certified Arborist in good standing may receive CEUs for work published in *The Buckeye Arborist*.

Advertising
Acceptance and publication of advertisements, editorial copy or product announcements do not necessarily imply Ohio Chapter ISA's endorsement of said products or techniques, nor does it reflect the opinion of the Chapter regarding any such product or technique. *The Buckeye Arborist* reserves the right to refuse any advertisement that is deemed unsuitable for publication.

For advertising reservations and material deadlines, rate, and data—as well as other Ohio Chapter ISA sponsorship and messaging opportunities—please contact the Ohio Chapter at info@ohiochapterisa.org

Preserve Ohio's Greatest Green Resource — Trees!

By purchasing a *Trees4Ohio* specialized interest license plate for your vehicle, you help underwrite educational programs and services that directly benefit the trees of Ohio.

The plate provides one of the best **member benefits**: it directs readers to the Trees4Ohio.org. This site is designed for consumers looking for everything from proper pruning and mulching to how to find and hire an Ohio tree care professional. **Chapter members must login to OhioChapterISA.org and update their profile. You must check "available for hire" and each of the services that you provide.** The email address associated with your membership record is your username. If you forgot your password or have not logged in before, use the "forgot my password" and an email will be sent to you with instructions. If you have questions or problems logging in, please contact the Chapter office.

The new specialized interest plate is available under **Organizational Plates at https://www.bmv.ohio.gov/vr-sp-organization.aspx.**

Show your support by purchasing new plates and don't forget to update your profile so that consumers can find you!



Ohio Chapter ISA

Mission Statement: To advance the practice of responsible tree care while promoting the benefits of trees.

Vision Statement: Thriving trees and urban forests that enhance the quality of life for all Ohioans.



2027 CONFERENCE REGISTRATION FORM

Submit one form for each person. Payment may be combined. Purchase order guarantees registration rate.

Payment is due within 30 days or 5 days before the conference, whichever comes first.

PLEASE CHECK ALL THAT APPLY:

❒ Commercial/Residential/Tree Company
❒ Urban Forestry/Municipal/Public Works/Government
❒ Landscaping/Landscape Architecture/Nursery
❒ Utility/Vegetation Management
❒ Education/Training/Research/Extension
❒ Associate/Non-Professional *(i.e. MGV, OCVN, etc.)*
❒ Other _____
❒ First-time Attendee

Full Name _____ Preferred First Name for Badge _____

Company Name _____

Address _____

City _____ State _____ Zip Code _____

Phone _____ Email (**Required** for Confirmation) _____

Form must be postmarked or submitted online before the deadline to qualify for discounts.	On or before December 31			On or after January 1		
	Member	**Non-Member**		**Member**	**Non-Member**	**Total**
CONFERENCE PACKAGES						
3-Day General Admission *(Includes Tuesday, Wednesday & Thursday Education, Trade Show & Meal Functions. Does NOT include Certified Arborist Review Course.)*	❒ $435	❒ $495		❒ $495	❒ $555	
2-Day General Admission *(Includes Education, Trade Show & Meal Functions on those days.)* **Select Days Attending** ❒ Tuesday/Wednesday ❒ Wednesday/Thursday	❒ $315	❒ $375		❒ $375	❒ $435	
ONE DAY REGISTRATION *(Includes Tuesday, Wednesday, OR Thursday Education, Trade Show & Meal Functions on selected day.)*						
❒ Tuesday **OR** ❒ Wednesday Only	❒ $205	❒ $260		❒ $260	❒ $320	
❒ Thursday Only	❒ $100	❒ $160		❒ $160	❒ $220	
OTHER						
❒ **Certified Arborist Review Course – Must be preparing for the ISA exam** *(Includes Course on Tuesday & Wednesday, Trade Show & Meal Functions.)* ***EXAM FEE NOT INCLUDED***	❒ $315	❒ $375		❒ $375	❒ $435	
❒ ISA Certified Arborist Study Guide *4th Edition (Includes S&H)*	❒ $98			❒ $98		
Associate (Non-Professional)/Student (Must include transcript.) **Select Day(s):** ❒ Tuesday ❒ Wednesday ❒ Thursday	$100 Tues. or Wed. $50 Thurs.			$100 Tues. or Wed. $50 Thurs.		
High School Student ❒ Wednesday	❒ $15			❒ $15		
					TOTAL DUE:	

The non-member fee includes 12 months of membership for attendees residing or working in Ohio.

Cancellations and Substitutions: Refunds will be given if written notice is received on or before **January 1**. There will be a $50 processing charge for all refunds. Submission of the registration form is a commitment to pay if OTCC is held, regardless of weather conditions. All invoices must be paid in full, even if you fail to attend. **Refunds will not be given after January 1.** Registration may be transferred to another person without penalty.

❒ **Purchase Order No.**

_____

Member rate extended to members of other ISA components. Please enter the name of the chapter. _____

To pay by credit card, please visit *www.ohiochapterisa.org* and ***Login*** (located in the upper right corner). For your security, we do not accept credit cards by phone, email, or mail.

Current members MUST log in first to obtain member rates. Username name is the email address associated with your member record. Click "Forgot Login/Password" for assistance. Please contact the Ohio Chapter ISA if you have any questions or trouble logging in.

By entering the premises, registrant hereby grants the Ohio Chapter ISA permission to use their photograph and/or recording in Chapter publications and media. Conference coordinators reserve the right to make changes to speakers and programs, as well as to cancel programs if the enrollment criteria are not met. In the unlikely event this conference is canceled, the Ohio Chapter ISA will refund registration fees. No portion of the registration fee is tax-deductible as a charitable donation. Accommodations for individuals who qualify under the Americans with Disabilities Act may be available upon request. Please contact the Ohio Chapter ISA office at least thirty (60) days before the conference.

It is the Chapter's mission to provide a safe environment. Attendees with flu-like symptoms should refrain from attending. The registrant agrees to comply with all local and state laws and ordinances.

SUBMIT FORM WITH PAYMENT OR PURCHASE ORDER TO:

6870 Licking Valley Road, Frazeysburg, OH 43822
Phone: (614) 771-7494 ~ Email: info@ohiochapterisa.org

Ohio Chapter ISA Awards

P.O. Box 267, Baltimore, OH 43105
Phone (614) 771-7494
email info@OhioChapterISA.org

Nominations Deadline December 15

SECTION 1 NOMINEE'S CONTACT INFORMATION

Name:_____ Company/Organization: _____

Street Address:_____City: _____

State: _____ Zip: _____ Phone: _____ E-mail: _____

SECTION 2 NOMINATOR'S CONTACT INFORMATION (optional)

Name:_____ Company/Organization: _____

Street Address:_____City: _____

State: _____ Zip:_____Phone:_____ E-mail: _____

SECTION 3 AWARD CATEGORIES: Select an award category below for committee consideration.

_____ AWARD OF MERIT is the highest honor the Ohio Chapter can bestow and recognizes outstanding meritorious service in advancing the principles, ideals and practices of arboriculture. This award is granted only to members of the Ohio Chapter who have made material contributions to the advancement of arboriculture either through internal organization, general research, invention, promotion or field practice. The recipient of this award will also be nominated for an ISA award of distinction.

_____ AWARD OF ACHIEVEMENT may be granted to an individual or firm who has, through specific projects, programs or research, contributed to the advancement of the use and/or maintenance of shade trees and other landscape plants in the Ohio area. The person or firm being considered for this award is recognized for outstanding accomplishments during recent years. The nominees do not need to be members of the Ohio Chapter or ISA.

_____ HONORARY MEMBERSHIP providing a one-year free membership, recognizes those individuals who are not members of the Ohio Chapter who have shown continued interest and have given outstanding service in promoting arboriculture. Recipients will have given material contributions to the advancement of arboriculture either through research, field practice, promotion, invention or literature. The Chapter Honorary Membership shall be limited to not more than one individual annually.

_____ SAFETY AWARD recognizes an individual's or crew's heroic reaction to an emergency situation and/or an outstanding company contribution for a member's proactive program to address safety issues within its own company or community. This award shall be bestowed upon not more than two individuals, organizations, firms or other entities in recognition of an outstanding effort in promoting safety. The nominees do not need to be members of the Ohio Chapter or ISA.

_____ GOLD LEAF AWARD recognizes individuals, groups or businesses for outstanding Arbor Day recognition activities or community beautification projects.

SECTION 4 ADDITIONAL INFORMATION: Please provide additional information about the nominee.

BRIEF DESCRIPTION OF WORK: Please print or type.

SUMMARY OF WORK – Please attach a *one-page* summary which explains the 1) history, 2) results and 3) impact of the nominee's work. This information is required for committee consideration.

SUPPORTING INFORMATION – You may also send photographs, newspaper clippings, etc. to support the above information; however, this information is not a required part of the application.



Book Your Room for the Ohio Tree Care Conference Today!

Attendees planning to stay overnight are encouraged to make hotel reservations early. The Cherry Valley Hotel is the conference venue, making it a convenient option for those who want to stay close to the educational sessions and trade show.

To make a reservation, visit the Ohio Chapter ISA website and look for the 2027 Ohio Tree Care Conference hotel information. You may also contact the Cherry Valley Hotel directly at **740-788-1200** to inquire about room availability and rates.

The advertised standard king room rate is **$152 per night, plus applicable taxes**, subject to availability. The published room-block cutoff date is **January 11, 2027**, but reservations should be made as soon as possible because rooms may fill before the deadline.

SAVE THE DATE!

November 1, 2026
OCISA Professional Scholarship Application Due

November 4-6, 2026
Prescription Pruning Qualification Course, Centerville

November 10, 2026
Tree Talk Tuesday Webinar
Managing Trees & Public Spaces for Bats

November 17-19, 2026
TRAQ Course, Cuyahoga Heights

December 5, 2026
ISA Written Exam, Youngstown

December 8, 2026
Tree Talk Tuesday Webinar
Flying Smart: A Guide to Drone Education, Certification, and Application

2027

January 12, 2027
Tree Talk Tuesday Webinar

January 15, 2027
OCISA Traditional Student Scholarship Application Due

February 2-4, 2027
Ohio Tree Care Conference, Newark

February 9, 2027
Tree Talk Tuesday Webinar

March 4-5, 2027
Tri State TPAQ Training, Hamilton

March 9, 2027
Tree Talk Tuesday Webinar

March 17-19, 2027
TRAQ Course, Centerville

April 13, 2027
Tree Talk Tuesday Webinar

May 11, 2027
Tree Talk Tuesday Webinar

May 14-15, 2027
Ohio Tree Climbing Competition

June 8, 2027
Tree Talk Tuesday Webinar

June 8-10, 2027
TRAQ Course, Findlay

July 13, 2027
Tree Talk Tuesday Webinar

July 13-15, 2027
TRAQ Course, Columbus

August 10, 2027
Tree Talk Tuesday Webinar

September 14, 2027
Tree Talk Tuesday Webinar

September 24, 2027
Ohio Chapter ISA Field Day
Davey SEED Campus, Kent

October 12, 2027
Tree Talk Tuesday Webinar

November 9, 2027
Tree Talk Tuesday Webinar

November 9-11, 2027
TRAQ Course, Chillicothe

December 14, 2027
Tree Talk Tuesday Webinar

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TCI MAGAZINE™
Official publication of the TREE CARE INDUSTRY ASSOCIATION

Your industry. Your expertise. Your story.

CONTRIBUTE

Today!

Do you have a hard-won lesson from the field?

A technique worth sharing?

Photos or a video that tells the story of a day's work?

TCI Magazine, the industry's leading trade publication, is looking for contributors who want to inform, inspire and engage their peers.



We welcome submissions from arborists, climbers, trainers, business owners, researchers, educators and advocates.

Whether you have a fully formed article, or just a spark of an idea, we want to hear from you!

Our goal is to publish content that's useful, credible and grounded in professional practice, while also reflecting the wide range of voices and experiences that make up today's tree care industry.

Submit ideas, articles, photos or reviews at tcimag.tcia.org/contribute



tcimag.tcia.org

TREE FUND UPDATE

By: Brian Kralovic

During the October TREE Fund Liaison meeting we discussed recent events. Paul Putman informed us about the success of Trivia Night at ISA Conference in Detroit. The first-time event attracted 100 attendees and made about $3000. The event was well received and will likely take place in Montreal at the 2027 Annual Conference. Based on the feedback from the event participants, they anticipate more attendees next year.

Tour des Trees this year had 94 riders with 19 first timers. While the Tour ended several weeks ago, some checks are still coming in, and it appears this year's ride will meet the fund-raising goal of $410,000.

The Fall Application Cycle received 155 Letters of Intent for six available grants. Those recipients receiving funding will be notified in late December.

The Spring Cycle 2027 Research Grants will start accepting letters of Intent on January 1, 2027. The new International Society of Arboriculture (ISA) Endowed Research Fund and Utility Arborist Research Fund Grant Program will be available.

If you would like to help plan fundraising events for the TREE Fund or have an idea of an event, please consider joining the OCISA TREE Fund Committee. Our next virtual meeting will be November 12 at 9:00 AM EST. We are currently discussing opportunities to raise money through a golf outing or clay shooting event.

I would also like everyone to consider donating an item, requesting their employer, or a vendor donate an item to the silent auction at the Ohio Tree Care Conference. The money raised helps the riders cover the $3,700 minimum to participate in Tour des Trees. If you are planning on riding, any item you donate will go 100% towards your ride. Please consider supporting your Team Ohio riders in their fundraising efforts. While the money collected contributes to their minimum fundraising, all expenses associated with traveling to the venue is the rider's responsibility.

In 2027, the tour will take place in Montreal, Canada August 3-9 concluding with the start of the 2027 ISA Annual Conference.



At ArborMetrics, shared insights keep field teams connected and planning aligned with execution. By reducing risk and strengthening program performance, we're leading a brighter and more resilient future.

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SAFETY CORNER UPDATE—Safety Starts Before the First Cut

By ACRT Arborist Training Staff

Arboriculture is an inherently hazardous profession. From working at heights to operating chainsaws and heavy equipment, arborists face risks that require constant awareness and preparation. While training, experience, and safe work practices are essential, personal protective equipment (PPE) remains one of the most important defenses against workplace injuries.

PPE has evolved significantly over the years, with manufacturers developing equipment specifically designed for the demands of tree care. However, even the most advanced equipment can only provide protection when it fits properly, is maintained, and is worn consistently.

Protecting Your Head, Eyes, and Ears

Hard hats are essential for both ground workers and climbers. For those working aloft, helmets equipped with chin straps help ensure protection stays securely in place. Regular inspections are equally important. Check for cracks, discoloration, damaged suspension components, and other signs of deterioration. Follow manufacturer recommendations for inspection and replacement.

Hearing protection is another critical consideration. Chainsaws, chippers, and other equipment can generate hazardous noise levels. Earmuffs integrated into helmets offer a convenient option, while properly fitted earplugs can also provide effective protection. The key is selecting appropriate protection and wearing it whenever exposure warrants it.

Eye protection presents unique challenges for arborists. Sweat, humidity, and debris can quickly compromise visibility. Anti-fog lenses and other specialized designs can help, but protective eyewear must meet applicable safety standards. Remember that not all face shields provide adequate protection on their own, and mesh-style protection may not guard against liquids or fine particles.

Don't Overlook Additional Protection

Gloves, leg protection, footwear, and high-visibility clothing all contribute to a safer work environment.

Gloves should protect against cuts and abrasions while allowing sufficient dexterity. Proper fit is especially important around chippers and other equipment where loose materials can become caught.

When operating chainsaws, appropriate cut-resistant leg protection can help reduce injury severity. Chaps and chainsaw-protective pants offer different options depending on the task, working conditions, and applicable requirements.



For climbers, footwear should provide dependable traction, ankle support, and compatibility with climbing equipment. High-visibility garments also play an important role, particularly when working near traffic, equipment, or dense vegetation.

Consistency Makes the Difference

Arboriculture is physically demanding. Long hours, changing weather, and uncomfortable working conditions can make shortcuts tempting. Removing eye protection because it fogs up or skipping hearing protection for a quick cut may seem minor, but incidents rarely come with advance warning.

Before beginning work, take time to inspect your PPE, confirm it is appropriate for the task, and address anything that could compromise its effectiveness. Supervisors and crew members should also reinforce expectations and speak up when they notice unsafe practices.

PPE is one part of a comprehensive approach to safety, not a substitute for proper training, hazard assessments, or safe work procedures. Developing consistent habits and taking personal responsibility for protective equipment can make a difference.

Advance Your Appraisal Skills at the 2027 Tri State TPAQ Training

The Ohio Chapter of the International Society of Arboriculture (OCISA) is partnering with the Indiana and Kentucky chapters to host the **Tri-State Tree and Plant Appraisal Qualification (TPAQ) Training on March 4–5, 2027, in Hamilton, Ohio.**

This collaborative training opportunity brings together arboriculture professionals from across three states for focused education on the principles and practices of tree and plant appraisal. Whether you work in consulting arboriculture, tree care, landscape management or another related field, this training can help strengthen your understanding of how to assess the value of trees and landscape plants.

Tree and plant appraisal requires specialized knowledge, careful evaluation and the ability to apply established methods to determine plant value. The TPAQ training explores fundamental appraisal concepts, the appraisal process, and the approaches, methods and techniques used to evaluate trees and landscape plants. Participants will also learn how to apply appraisal methods and present their findings professionally.

The training is designed to help participants develop practical skills and a stronger understanding of appraisal principles that can be applied in professional settings.

Earning the TPAQ designation can also help demonstrate your knowledge and professional competency in tree and plant appraisal, making it a valuable opportunity for those looking to expand their expertise and professional credentials.

By hosting this training in partnership with Indiana and Kentucky, the Ohio Chapter ISA is helping create a regional learning opportunity for arboriculture professionals. The collaboration encourages knowledge-sharing, professional development and connections among individuals working throughout the industry.

Mark your calendar for **March 4–5, 2027,** at the Butler County OSU Extension located at 1802 Princeton Road, Hamilton, Ohio 45011. For updates and registration details, visit the Ohio Chapter ISA website or contact the Chapter office at **Info@OhioChapterISA.org** or **614-771-7494**. Registration is limited to 20 people!

Dr RJ Laverne Has Retired from Davey Tree!

Dr. R.J. Laverne retired from the Davey Tree Expert Company on October 30 after nearly 30 years of service. R.J. joined Davey in 1997 as an urban forester with the Davey Resource Group. He transferred to his current position at the Davey Institute in 2007 as Manager of Education and Training. After stints as forestry and urban forestry consultants at Champion International, Mead Paper, Otterwood Natural Resources, and James Sewall Company, R.J. came to Davey from ACRT, Inc. where he served as Vice President of Urban Forestry.

R.J.'s impact on arboriculture and urban forestry has been immense. Notably, R.J. conceived and taught the Factors & Forces safety training program for Davey climbers, which will be an important part of his legacy as the program continues to grow and bring more climbers home safely. For 20 years, R.J. managed and instructed at the Davey Institute of Tree Sciences, the flagship training program of the Davey Institute.

His contributions to the arboriculture industry have been numerous and substantial. R.J. has been an International Society of Arboriculture (I.S.A.) Tree Risk Assessment Qualified instructor since 2014. He served on the Board of Directors of the Ohio Chapter I.S.A from 2000-2002, and as their Certification Liaison from 2012-2018. He served on the American Society of Consulting Arborists Board of Directors from 2020-2023, as Secretary of the Society of American Foresters from 1993-1995. He has published several scientific and trade journal articles and reports.

R.J. continues to serve on the faculty of Michigan Technological University, where he has been an Adjunct Assistant Professor since 2012, teaching Urban Forestry, Arboriculture, and Landscape Vegetation, which has increased awareness of MTU students to employment opportunities in the arboriculture and allied industries. He also co-instructed the Urban Ecosystems course at Kent State University from 2006-2008.

For his many and sustained contributions to education and training, R.J. was recognized by the I.S.A. in 2025 with the Alex L. Shigo Award for Excellence in Arboricultural Education, which is one of their highest honors. The Shigo Award recognizes ISA members who demonstrate sustained, outstanding contributions to arboricultural education and help improve the quality and professionalism of the industry. R.J. is an extremely worthy recipient.

R.J. received B.S. degrees from the University of Michigan – Dearborn in 1978 majoring in Biological Sciences, and from Michigan Technological University in 1980 majoring in Forestry. He received his M.S. from the University of Michigan in 1985 majoring in Remote Sensing - Forestry. While working at the Davey Institute, R.J. obtained his Ph.D. in 2016 in Urban Studies and Public Affairs from Cleveland State University. His dissertation research focused on the effects of ash mortality from emerald ash borer on urban soundscapes in Arlington Heights, IL, near Chicago.

Please congratulate R.J. on his illustrious and impactful career and wish him and Donna - who also retired from Kent State University at the end of October - well as they embark on their next adventures, which surely include world travel and some fishing when he's not working in his wood shop. He is truly a legend in the field of arboriculture.

2027 Ohio Tree Care Conference Schedule of Events
Cherry Valley Hotel – Newark, OH

Tuesday February 2, 2027

7:00 am - 8:30 am	Breakfast (River Birch B-D)	
8:00 am - 5:00 pm	Certified Arborist Review Course / Pre-Registration Required (Barrel Room)	
9:00 am - 10:00 am	**Reviving a classic: field performance of improved American elm across three cities** Dr. Leila Wilson and Vincent Damico, III, USDA Foresty Service	
10:15 am - 11:30 am	**Plant Healthcare Trucks Overview, Capabilities and Limitations** Guy Fortner, Bartlett Tree Experts	**Research for the Everyday Arborist** Zack Shier, Joseph Tree Service
11:30 am - 12:30 pm	Lunch (Ohio Event Center)	
12:45 pm - 1:45 pm	**Pneumatic Air Excavation - A World Beneath The Surface** Andrew Freeman, Ohio Tree MD, LLC	**The Resistance Drilling Masterclass Part 1** Bernd Luell, IML
2:00 pm - 3:00 pm	**Targeting the Trunk: Mastering the Art and Science of Stem Injections** Andy Turkington, Davey	**The Resistance Drilling Masterclass Part 2** Bernd Luell, IML
3:15 pm - 4:00 pm	**Utility Vegetation Management: A History of Conflicts and Potential Solutions** Geoff Kempter	
4:15 pm - 5:00 pm	**A 40-year Perspective on Observational Research and the Evolution of Arboricultural Practices** Alan Siewert, Bur Oak Training, Consulting & Design	
5:00 pm – 7:00 pm	Grand Opening of Exhibit Hall (Ohio Event Center)	

Wednesday February 3, 2027

7:00 am - 8:30 am	Breakfast (Ohio Event Center)			
7:30 am - 5:30 pm	Certified Arborist Review Course / Pre-Registration Required (Barrel Room)			
9:00 am - 10:30 am	**Tree Risk Mitigation** Dr. Greg Dahle, West Virginia University			
10:30 am - 11:00 am	Break			
11:00 am - 12:00 pm	**Structural Pruning a.k.a Young Tree Development** Gregory Dahle, West Virginia University	**Inventories for Urban Forest Engineering** Alan Siewert, Bur Oak LLC	**What Are We Missing: A 35-Year Perspective on Utility Arboriculture** Geoff Kempter	**Is Bigger Better?** Zach Richards, Richards Tree Care
12:00 pm - 12:30 pm	New Member Welcome Reception (Bar at Ohio Event Center)			
12:30 pm – 1:00 pm	High School Student Lunch and Welcome Reception (Bar at Ohio Event Center)			
12:00 pm - 1:30 pm	Lunch (Ohio Event Center)			
1:30 pm – 2:30 pm	**Heat, Flood, Freeze, Repeat: Insect and Disease Problems following Extreme Weather** Chris Riley, Bartlett Tree Experts	**Organizing Local Action to Increase Tree Canopy: A Collaborative Approach Between Sectors** Shelly Douglas, Green Columbus	**Factors Influencing Regrowth of Utility Pruned Trees** Seth Blair, Eocene	**Enter the Draggin'** Zach Richards, Richards Tree Care
2:30 pm – 3:30 pm	**Emergency Response for Emotional Clients** Karen Cox, West Virginia University	**Sharing Space: Utilities and trees in the ROW** Jobie McCoy, Jobie's Tree Service	**AI Augmented Field Work** Christine Halpin, Treeswift	**Be Your Own Hero** Zach Richards, Richards Tree Care
4:00 pm – 5:00 pm	**Modern Tree Nutrition Using Foliar and Soil Testing** Zach Shier, Joseph Tree Service	**What the Ancient Trees Witnessed about Ohio History over the Past 300 Years** Greg Wiles, College of Wooster	**The Evolution of Integrated Vegetation Management: Using Standards and Flowcharts to Trace Where We've Been and Where We're Headed** Geoff Kempter	**It's Span-tastic!** Zach Richards, Richards Tree Care
5:00 pm – 7:00 pm	Buckeye Bash (Ohio Event Center)			
7:00 pm – 9:00 pm	Buckeye Bash After Hours (Ohio Event Center) - Music By: Tucker Munz			

Thursday February 4, 2027

8:00 am – 9:30 am	Annual Breakfast Meeting & Education (Ohio Event Center)			
9:00 am - 12:00 pm	ISA Written Exams / Registration begins at 8:30 am (Barrel Room)			
10:00 am – 11:00 am	**The Weakest Link - Where do Branch Failures Occur Most Often?** Andrew Koeser, Davey Tree Expert	**Ohio Invasive Pest Program Updates** Courtney Fulks and Jonathan Shields, Ohio Department of Agriculture	**Safety and Human Performance** Roy Montan, Davey Resource Group	**The Best of Both Worlds** Zach Richards, Richards Tree Care
11:00 am – 12:00 pm	**Climate Change in Ohio: What Tree Care Professionals Need to Know** Aaron Wilson, Ohio State University		**The Evolution of IVM** Kara Phillips and George Emery III, First Energy	**How good is your Crane Game?** Zach Richards, Richards Tree Care
11:30 am – 12:45 pm	Lunch (Ohio Event Center)			
	All Tracks Combined (Woodhull)			
12:45 pm - 1:45 pm	**Z133 Standards and Weathering the Extremes** Brian Goodall, Russell Tree Experts			
2:00 pm – 3:00 pm	**Trees, Trends and Takeaways** Tree Amigas			

Ohio Leads the Nation in Tree City USA Communities! Earn National Recognition for Your Commitment to Trees!

Ohio is growing its reputation as a national leader in urban forestry! With nearly 250 Tree City USA communities, Ohio has more communities recognized through the program than any other state in the nation, according to the Ohio Department of Natural Resources (ODNR). This achievement reflects the commitment of Ohio communities to planting, protecting and maintaining trees while improving the quality of life for residents.

Tree City USA is a national recognition program sponsored by the Arbor Day Foundation in cooperation with the National Association of State Foresters. The program encourages communities to make trees an important part of their planning, public spaces and long-term investments. Nearly half of Ohio's population lives in a Tree City USA community, demonstrating the significant role urban forestry plays throughout the state.

Why Does Tree City USA Status Matter?
Trees are more than attractive additions to streets, parks and neighborhoods. A healthy community tree canopy provides environmental, economic and social benefits that can last for generations.

Trees help reduce summer temperatures by providing shade, absorbing carbon dioxide, improving air quality and helping to manage stormwater runoff. They also provide habitat for birds and other wildlife, enhance parks and public spaces, and can increase the appeal and value of residential and commercial properties.

Just as importantly, the Tree City USA designation demonstrates that a community is taking a planned, long-term approach to caring for its public trees. Recognition can help build community pride, encourage resident involvement and highlight the work of local officials, tree commissions, public works departments, volunteers and forestry professionals.

The designation is not simply an award for planting trees. It recognizes communities that have established a framework for responsible tree management, dedicated resources to tree care and engaged residents in celebrating and protecting their urban forests.

How Can Your Community Become a Tree City USA?
Ohio communities that have not yet earned Tree City USA recognition are encouraged to consider joining this statewide effort. The program is designed to be achievable for communities of different sizes, and the application process focuses on four basic standards.
1. Establish a Tree Board or Department. Assign responsibility for public tree care to a tree board, commission, department or appropriate municipal official.
2. Adopt a Tree Care Ordinance. Establish an ordinance or qualifying legally enforceable policy that identifies responsibility for community forestry and provides direction for the care, protection and maintenance of public trees.
3. Invest in Community Trees. Document at least $2 per capita annually in qualifying tree-related expenses. Eligible activities may include tree planting, maintenance, removals, management, utility line clearance and qualifying volunteer time.
4. Celebrate Arbor Day. Issue an official annual Arbor Day proclamation signed by the mayor, city council or equivalent official, and hold a public Arbor Day observance. Activities might include a community tree planting, educational program, tree-care demonstration or celebration at a local park or school.
Once these standards are met, communities can submit an annual application through the Arbor Day Foundation's recognition portal. Applications are reviewed by state urban forestry staff and the Foundation. Communities should check the current application deadline and contact ODNR for assistance before beginning the process. The online application is available here: Tree City USA | Arbor Day Foundation

Take the Next Step
The Ohio Department of Natural Resources, Division of Forestry, provides guidance and assistance to communities interested in developing or improving their urban forestry programs. Communities considering Tree City USA recognition can begin by contacting their regional ODNR urban forester and reviewing the program requirements. Find your regional urban forester here: Contact an Urban Forester | Ohio Department of Natural Resources

For additional information, visit the ODNR Tree City USA webpage or the Arbor Day Foundation's Tree City USA website.

Ohio's position at the top of the national list is an accomplishment worth celebrating, but there is still room to grow. By encouraging more communities to establish strong tree-care programs, Ohio can continue to strengthen its urban forests, improve neighborhoods and serve as a model for community forestry across the country.

Let's keep Ohio growing and help even more communities become Tree City USA communities!

Tree City USA

Arbor Day Foundation

Dollar$ and ene

By: Steve Schneider

Woah! What was that? I am not sure we are in Kansas anymore Toto. And not the bands. Talk about the spins. I think I missed something. Hhmmmm. My apologies to everyone. I did miss putting an article in the last issue of the Buckeye Arborist. It was a little windy where I am at. The tornado that passed through Upper Arlington and Ohio State down through the City of Columbus did some significant damage even though it was an EF 0. This reinforced to me the importance of tree inventory. We were able to use the inventory we have, to determine the value of the trees damaged or lost. This value, since we had it, went towards our insurance deductible. Having this information also helped us apply for FEMA money.

Inventories do cost a lot of dollar$ but the value of the 49 trees we lost was more than what we paid to have the inventory completed. If you use the software that comes with the inventory, again dollar$, but you are able to keep track of the work you do, what needs to be done, and where your high risk-high-priority trees are located. This helps you be more efficient. In turn it helps you save money.

Inventories also help protect you when a tree fails. You can show with your inventory when the tree was last inspected and what work you have done on it. If you add pictures in the inventory, you can also show the tree looked healthy the last time you looked at it. And always make sure your risk ratings are up to date. It will show if you skipped an inspection timeframe or not. It works both ways.

Spending a little time updating your inventory can cost you dollar$ but it makes ene and in the long run it can save you lots of $. I haven't had time to update the inventory is not an excuse. In the legal world it is part of your duty when performing your job. You are the expert. The city, county, state, courts, customers or colleges and universities will rely on you to bring that professionalism into the court room.

Spend the time and money. Do it right. If you don't you still might spend the dollar$ in the long run because that would either be negligence or neglect of duty. Not knowing sometimes is worse than knowing sometimes. The best way to CYA is to keep up on it. Once you make it routine, it will be easy. Wooooh. Where did all that come from?

Anyway, just a reminder, we are always looking for volunteers for our committees. Volunteering is a time commitment. We appreciate all the hours our volunteers work. Everyone is making the Chapter better and helping us to grow into the organization you want it to be. You being there, helping with your task and getting the projects completed is a major help and necessity for the chapter to continue to function and grow. For all you volunteers, Keep up the good work. And carry on.

If you have any questions about a certain committee that you would like to volunteer for, please email Valerie or Michaela and they will either answer your questions or forward them to the committee chair to be answered. Hopefully this makes some ene. I am still a bit dizzy from being spun around.

Cheers!
Dollar$ and ene.

Taking Root's Tree Professionals Seminar

Join us for Taking Root's 2026 Tree Professionals Seminar. Early Bird pricing is available through Oct. 31. We also have reduced student tickets. Lunch is included. In-person event.

CEUs Pending—ISA, ASLA, AICP, OCVN education credits

Location: OKI Regional Council of Governments (720 E Pete Rose Way, 4th Floor, Cincinnati, OH 45202)

Thursday, December 3, 2026 from 8:30am - 4:00pm ET

Registration, presentation details and speaker bios are on the Taking Root website
https://takingroot.info/2026-tree-professionals-seminar/

KEYNOTE:
Urban Greenness and Cardiovascular Health
Aruni Bhatnagar, PhD, Director, Christina Lee Brown Envirome Institute, University of Louisville

PRESENTATIONS:

Novel Methods to Assess Ecological Restoration Techniques from Miyawaki Forests to Recovering Streams
Kenneth Petren, PhD, Professor, Director of the UC Field Center, University of Cincinnati

Planning Urban Growth for Wildlife Conservation: Lessons from the Pileated Woodpecker in Cincinnati
Ruijia Hu, PhD, Adjunct Instructor, College of Arts and Sciences, University of Cincinnati

Lessons from History and Reacting to Spotted Lanternfly
Jonathan Larson, PhD, Extension Entomologist, Martin Gatton College of Agriculture, Food and Environment, University of Kentucky

Biochar in Cincinnati: Collaborating to Enhance Urban Soils
Sam Dunlap, Founder/Owner, Carbon Harvest LLC

Taking Root is a nonprofit with the mission to inspire and empower all to conserve and improve our region's unique and threatened tree canopy.

Taking Root

CEUs at HOME

Planting with Purpose: Tree Equity for the Practicing Arborist
By: Colleen Berg

Where the canopy is, and where it isn't
Tree canopy distribution in our cities is uneven. In many U.S. metropolitan areas, it correlates with both income and race. The decisions that arborists and urban forestry professionals make about planting, pruning, and removing trees either widen or help to narrow that gap.

American Forests uses the Tree Equity Score (TES) to assess the gap, calculating the score at the neighborhood level by census block group (American Forests, n.d.). The tool compares current canopy cover with a neighborhood-specific canopy cover target. It then multiplies the resulting canopy gap by a Priority Index derived from seven climate, health, and socioeconomic indicators, each given equal weight and drawn from American Community Survey data for 2017 to 2021 (American Forests, n.d.).
Scores range from 0 to 100; the lower the score, the higher the priority for tree planting and protection, and a score of 100 indicates the neighborhood has achieved Tree Equity (American Forests, n.d.). Currently, various states and regions, such as Columbus and Franklin County in Ohio, use local Analyzers that replace the national canopy layer with high-resolution canopy data (American Forests, n.d.).

Canopy as green infrastructure
Because a healthy urban forest provides real ecosystem services, treat it like pipes and pavement: infrastructure that is planned, funded, and maintained.

Heat mitigation.
Trees provide cooling by shading surfaces and through evapotranspiration. Shaded surfaces can be 20 to 45°F (11 to 25°C) cooler than the highest temperatures unshaded materials reach, and evapotranspiration, alone or with shade, can reduce peak summer temperatures by 2 to 9°F (1 to 5°C) (U.S. EPA, 2021). The cooling effect is also nonlinear; a study using sensors mounted on bicycles in Madison, Wisconsin, found that daytime air temperature dropped sharply when canopy coverage passed about 40% at the city-block level (Ziter et al., 2019). This suggests that continuous canopy across a block matters more than scattered individual trees.

Air quality and public health.
Trees remove pollutants by trapping particulate matter on leaves and bark, and by taking in gaseous pollutants through leaf stomata. A model covering the contiguous United States estimated that trees and forests removed 17.4 million tonnes of air pollution in 2010, and that the resulting health benefits were worth $6.8 billion (Nowak et al., 2014). Although most pollution removal occurred in rural forests, the greatest health benefits came in cities, where trees and people are closest. The benefits included more than 850 avoided deaths and 670,000 avoided cases of acute respiratory symptoms (Nowak et al., 2014).

Stormwater
Tree canopy captures rain, while root systems improve infiltration. The EPA states that urban trees can reduce runoff by absorbing 15 to 27 percent of annual rainfall and filtering fertilizers, pesticides, and other pollutants that run off paved surfaces (U.S. EPA, n.d.).

Energy
The need for air conditioning decreases when trees shade buildings (U.S. EPA, n.d.), and this benefit is most noticeable for households that already have a high energy burden.

The equity gap has a history
Today's canopy disparities can be traced back to federal housing policy in the 1930s, when the Home Owners' Loan Corporation (HOLC) rated neighborhoods on a scale from A ("best") to D ("hazardous") to assess lending risk. The areas that received a D rating and were marked in red were mostly inhabited by Black people, immigrants, and other people of color.

The current tree canopy aligns with the old map lines. A study of 37 U.S. metropolitan areas found that neighborhoods previously rated D now have an average tree canopy coverage of about 23%. Neighborhoods that previously received an A rating have an average coverage of about 43%, nearly double that (Locke et al., 2021). The HOLC risk ranking from 80 years ago still predicts the current order of canopy coverage.

Heat also shows this. An analysis of 108 urban areas in the United States found that in 94% of the areas examined, formerly redlined neighborhoods had higher summer land surface temperatures than non-redlined neighborhoods, with differences as large as 7°C (about 13°F). Nationwide, redlined areas were, on average, about 2.6°C (4.7°F) warmer (Hoffman et al., 2020). The researchers attributed much of this difference to greater impervious surface and less tree canopy in those neighborhoods.

Satellite recordings show land surface temperatures, not air temperatures, and indicate where heat stress, energy demand, and heat-related illness tend to occur. People living in areas with low tree canopy coverage tend to pay more to cool their homes, have less access to shaded green spaces, and face a higher risk of heat-related illness. These same neighborhoods also have the highest Tree Equity Score Priority Index values.

From planting numbers to planting with purpose
The trend is shifting from counting the number of trees planted to measuring the canopy established where it is most needed. For arborists, this change is evident in four aspects of their work.
Start with the data, then check on the ground.
To identify the priority block groups, use the Tree Equity Score, local canopy assessments, and heat maps. Next, conduct a site inventory to identify available areas for planting. A low score indicates where the need is, but only a site visit can tell you whether there is enough soil volume, adequate overhead clearance, and sufficient setback space to grow a large tree. Do not let available space be the only factor in deciding where to plant trees.

Plan together with the community, not just for them.
Although residents in priority areas are often asked to water and care for the new trees, they should also help decide where to plant them and which species to use. Engaging with the community from the

Continued on Page 14

CEUs at HOME (continued)

beginning builds stewardship and trust. It also identifies community concerns such as sidewalk heave, leaf litter, or green gentrification, and helps improve the survival of trees planted.

Choose the right tree for the right location and for the future.
When selecting tree species, consider not only current hardiness zones but also expected conditions such as longer summer droughts, greater heat buildup over paved areas, and the emergence of new pests and pathogens. Large-maturing shade trees should be preferred wherever possible, as the cooling effect increases with the size of the canopy. Planting lists should include a variety of genera and families to reduce the risk of losing an entire group of trees to a single pest.

Plant in accordance with industry standards and secure funding for tree establishment.
This includes following ANSI A300 (Part 6) and its companion, the ISA Best Management Practices: Tree Planting. In practice, that means setting the root flare at or slightly above finished grade and removing synthetic burlap before installation (Watson, 2014). After planting, allocate funds for maintenance, including regular watering, mulch renewal, and structural pruning during the first few growing seasons.

The establishment phase determines whether equity objectives are achieved. A meta-analysis of studies on street trees found an annual mortality rate of 3.5–5.1%, corresponding to a population half-life of 13–20 years and an average lifespan of 19–28 years (Roman & Scatena, 2011). When trees in priority areas die prematurely, the canopy gap remains open even if you plant enough trees.

Takeaways for the field

- Before establishing your planting targets, check the Tree Equity Score for your service area and determine whether a local Analyzer with high-resolution canopy data covers it.
- Measure success by tree survival and canopy growth in priority block groups, not by the number of trees in the ground.
- Protect established mature trees in low-canopy neighborhoods; a removal there costs more in equity than one in a high-canopy neighborhood.
- Aim for connected canopy at the block scale; cooling increases sharply once cover passes about 40%.
- Make sure establishment care is included in all contracts and grant budgets, extending to at least the first few growing seasons.

References

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Certified Arborist Prep Course Schedule at OTCC!

Day 1—February 2, 2027

7:00 am - 8:30 am	Breakfast - (River Birch B-D)
8:00 am - 9:30 am	**Tree Biology** Paul Snyder, Secrest Arboretum
9:30 am - 10:30 am	**Tree Risk Assessment and Management** Joe Moeglin, ODNR Division of Forestry
10:30 am - 12:00 pm	**Tree Selection** Brian Kralovic, LaRoche Tree Service
12:00 pm - 12:30 pm	Lunch
12:30 pm - 1:30 pm	**Installation and Establishment** Cody LaRoche, LaRoche Tree Service
1:30 pm - 2:30 pm	**Tree Support & Lightning Protection** Brian Kralovic, LaRoche Tree Service
2:30 pm - 4:00 pm	**Tree Identification** Brady Holka, Davey Tree Expert
4:00 pm - 5:30 pm	**Diagnosis and Plant Disorder** Kodi Riedel, Davey Tree Experts
5:00 pm - 7:00 pm	Grand Opening of Exhibit Hall

Day 2—February 3, 2027

7:00 am - 8:30 am	Breakfast - Ohio Event Center
7:30 am - 8:30 am	**Urban Forestry** Joe Moeglin, ODNR Division of Forestry
8:30 am - 9:00 am	**Soil Science** Andrew Freeman, Ohio Tree MD LLC
9:00 am - 9:30 am	**Water Management** Andrew Freeman, Ohio Tree MD LLC
9:30 am - 10:30 am	**Plant Health Care** Brady Holka, Davey Tree Expert
10:30 am - 12:00 pm	**Pruning** Brian Kralovic, LaRoche Tree Service
12:00 pm - 12:30 pm	New Member Welcome Reception (Bar at Ohio Event Center)
12:00 pm - 1:00 pm	Lunch (Ohio Event Center)
1:00 pm - 2:00 pm	**Trees and Construction** Andrew Freeman, Ohio Tree MD LLC
2:00 pm - 3:00 pm	**Tree Nutrition and Fertilization** Andrew Turkington, Davey Tree Expert
3:00 pm - 4:30 pm	**Tree Worker Safety & First Aid** Brian Goodall, Russell Tree Experts
4:30 pm - 5:30 pm	**Climbing and Working in Trees** Brian Goodall, Russell Tree Experts
5:00 pm – 7:00 pm	Buckeye Bash (Ohio Event Center)
7:00 pm – 9:00 pm	Buckeye Bash After Hours (Ohio Event Center)

Day 3—February 4, 2027

8:00 am – 9:30 am	Annual Breakfast Meeting & Education (Ohio Event Center)
9:00 am - 12:00 pm	ISA Written Exams / Registration begins at 8:30 am (Barrel Room)

EARN CEUs at HOME



Name: _____ Company: _____

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Email: _____ Signature: _____

To receive continuing education unit (CEU) credit for home study of this article after you have read it, circle the appropriate answers on the test below. A passing score is 80% correct. Next, complete the registration information above, including your certification number and signature, and send it to the Ohio Chapter ISA at 6870 Licking Valley Road, Frazeysburg, OH 43822. The answer form must be postmarked no later than December 31, 2026 to be valid. You may also submit CEU Test Questions online at www.OhioChapterISA.org under myProfile. Only one test will be accepted. Please do not mail the form if you apply online. You must be a current member of the Ohio Chapter ISA for your ISA CEU test to be processed. You will be notified only if you do not pass.

1. What geographic scale is used to calculate the Tree Equity Score?

A. ZIP code
B. City council district
C. County
D. Census block group

2. A neighborhood with a Tree Equity Score of 22 should be understood as:

A. A high priority for tree planting and protection
B. Having attained Tree Equity
C. Having 22 percent canopy coverage
D. A low priority for tree planting and protection

3. How is the Tree Equity Score calculated?

A. Existing canopy cover divided by population density
B. Average surface temperature reduced by canopy cover
C. The canopy gap multiplied by the Priority Index
D. The number of street trees per mile of right-of-way

4. How many indicators make up the Priority Index, and how are they weighted?

A. Five, weighted by population
B. Seven, equally weighted
C. Six, with greater emphasis on income
D. Ten, with greater emphasis on heat

5. The ISA's Best Management Practices for tree planting is a companion to which standard?

A. ANSI Z133
B. ANSI A300 (Part 1), Pruning
C. ANSI A300 (Part 9), Tree Risk Assessment
D. ANSI A300 (Part 6), Planting and Transplanting

6. What are the two mechanisms by which trees lower surface and air temperatures?

A. Albedo and photosynthesis
B. Shading and evapotranspiration
C. Wind channeling and respiration
D. Interception and infiltration

7. According to the EPA, how much cooler are shaded surfaces than the peak temperatures of unshaded materials?

A. 20–45°F
B. 2–9°F
C. 5–10°F
D. 50–70°F

8. Ziter et al. (2019) found that daytime cooling increased sharply once canopy cover passed about what level at the city-block scale?

A. 10%
B. 25%
C. 40%
D. 75%

9. What does the canopy cooling threshold indicate for planting design?

A. Scattered individual specimen trees provide the most effective cooling.
B. Small-stature trees cool just as effectively as large-stature trees.
C. Cooling is the same at night as during the day.
D. Connected, block-scale canopy provides greater cooling than isolated trees.

10. Gaseous air pollutants are absorbed by trees mainly through:

A. Leaf stomata
B. Lenticels in the bark
C. Root hairs
D. The cuticle on the leaf surface

11. According to Nowak et al. (2014), most air pollution removal occurred in rural areas. Where were most of the human health benefits?

A. Rural areas
B. Evenly split between urban and rural areas
C. Urban areas
D. Suburban areas only

12. About how much air pollution did trees and forests in the contiguous United States remove in 2010?

A. 1.7 million tonnes
B. 17.4 million tonnes
C. 6.8 million tonnes
D. 174 million tonnes

13. According to the EPA, urban trees can reduce stormwater runoff by absorbing what share of annual rainfall?

A. 1–5%
B. 40–55%
C. 60–75%
D. 15–27%

14. According to Locke et al. (2021), how much tree canopy do formerly HOLC D-graded neighborhoods have on average today?

A. 23%
B. 8%
C. 43%
D. 58%

15. In the same study, what was the average canopy cover in formerly A-graded neighborhoods?

A. 23%
B. 43%
C. 30%
D. 65%

16. In Hoffman et al. (2020), what share of the 108 urban areas showed higher land surface temperatures in formerly redlined neighborhoods?

A. 51%
B. 72%
C. 94%
D. 100%

17. Nationally, about how much warmer in land surface temperature were formerly redlined areas than non-redlined areas, on average?

A. 0.5°C
B. 7°C
C. 12°C
D. 2.6°C

18. Satellite-based heat studies, such as Hoffman et al. (2020), measure:

A. Air temperature at breast height
B. Soil temperature at 30 cm depth
C. Land surface temperature
D. Indoor temperature

19. Under ISA planting guidelines, where should the root flare sit after planting?

A. At or slightly above finished grade
B. 2 to 3 inches below finished grade
C. Covered by at least 4 inches of mulch
D. 6 inches below grade to stabilize the tree

20. According to Roman and Scatena (2011), what population half-life results from a typical street tree annual mortality rate of 3.5–5.1%?

A. 3–5 years
B. 13–20 years
C. 7–10 years
D. 40–60 years

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Register Today!

Don't miss the opportunity to invest in your professional development, connect with fellow tree care professionals and discover what's new in arboriculture. Start planning your trip, arrange your accommodations and watch the Ohio Chapter ISA website for attendee registration information and conference updates.

Join us February 2–4, 2027, at the Cherry Valley Hotel in Newark for the Ohio Tree Care Conference & Trade Show! We look forward to seeing you there!



We Have Scholarships!

Would you like help paying for that certification you've wanted or needed? Know someone else who does? How about a student studying arboriculture, urban forestry, horticulture, or something else tree-related?

The Ohio Chapter ISA offers both professional ($500) and traditional student ($1000) scholarships with the purpose of promoting professional arboriculture in the State of Ohio. Thanks to the ongoing support of Ahlum & Arbor, PennLine, and Townsend, OCISA is able to offer these career-changing opportunities.

Please visit *and share* the OCISA Career Center (https://ohiochapterisa.org/aws/OCISA/pt/sp/career-center) for scholarship instructions and applications.

Due Dates

Professional Application: November 1, 2026

Traditional Student Application: January 15, 2027