

Save up to  
**30%**  
With our Early Bird Discount!  
Register by 14 June 2019!

# ISA Annual International Conference and Trade Show

11–14 August 2019 | Knoxville, Tennessee (US)

*...with ITCC and Arbor Fair | 9–11 August*



## Registration Guide

<https://www.isa-arbor.com/conference>





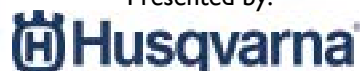
**ISA Annual  
International Conference  
and Trade Show**

Knoxville Convention Center  
11–14 August 2019

**International Tree Climbing  
Championship with  
Arbor Fair and Expo**

Lakeshore Park  
9–11 August 2019

Presented by:

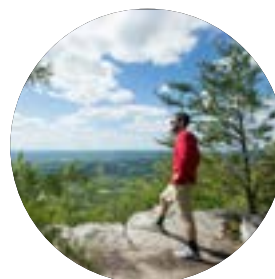


## Plan Your Trip — Transportation Information

The closest airport is McGhee Tyson Airport (airport code TYS), approximately 12 miles south of downtown Knoxville.

Knoxville offers a free trolley service downtown and to the University of Tennessee campus. Trolleys run until 8:00 p.m. on weekdays and 10:00 p.m. on weekends.

Abundant parking is available near the Knoxville Convention Center. Locust Street Garage is one block away, connected by a covered pedestrian sky bridge over Henley Street. There are additional pay lots in walking distance, as well as free sites.



### Visit Our Website Here For Hotel & Travel Info:

<https://www.isa-arbor.com/Events/Annual-Conference/2019-Annual-Conference/Hotels-and-Travel>





Our host hotel, Hilton Knoxville, has covered sky bridge access to Knoxville Convention Center. The rest of the hotels are an easy 5-10 minute walk to the convention center and the many restaurants and bars in Knoxville. The deadline to reserve a room in the ISA block is **16 July 2019** or until the blocks are full.



### Hilton Knoxville (host hotel)

501 West Church Avenue  
Knoxville, Tennessee 37902 (US)  
**Ph:** +1.800.HILTONS – Reference Group Code: ISA19

<b>Room Rate</b>	\$135* USD – Standard Rate
<b>Parking</b>	Parking will be complimentary for one car per guest room, and is based on availability. Any additional parking will be 40% off 2019 self-parking rate for attendees
<b>Internet</b>	Complimentary Wi-Fi in guest rooms.
<b>Distance to Convention Center</b>	Approximately 0.1 mile/less than two-minute walk. Covered sky bridge access to Knoxville Convention Center
<b>Reservation deadline</b>	16 July 2019 or until the block is full

### Holiday Inn Knoxville Downtown

525 Henley Street  
Knoxville, Tennessee 37902 (US)  
**Ph:** +1.800.264.1579 – Reference Group Code: ISA

<b>Room Rate</b>	\$135* USD – Standard Rate
<b>Parking</b>	Complimentary self-parking for in-house guests
<b>Internet</b>	Complimentary Wi-Fi in guest rooms
<b>Distance to Convention Center</b>	Approximately 0.1 mile/less than two-minute walk. Covered sky bridge access to Knoxville Convention Center
<b>Reservation deadline</b>	17 July 2019 or until the block is full

### Crown Plaza Knoxville

401 W. Summit Hill Drive  
Knoxville, Tennessee 37902 (US)  
**Ph:** +1.865.522.2600 – Reference Group Code: ISA

<b>Room Rate</b>	\$144* USD – Single/Double Rate
<b>Parking</b>	\$10** per day self park; valet parking \$20** per day
<b>Internet</b>	Complimentary Wi-Fi in guest rooms.
<b>Distance to Convention Center</b>	Approximately 0.5 mile/less than ten-minute walk
<b>Reservation deadline</b>	17 July 2019 or until the block is full

### Four Points by Sheraton Knoxville Cumberland House Hotel

1109 White Avenue  
Knoxville, Tennessee 37916 (US)  
**Ph:** +1.888.627.8579 – Reference Group Code: ISH07A or ISA Annual Conference

<b>Room Rate:</b>	\$145* USD – Standard Rate
<b>Parking</b>	Complimentary parking for in-house guests
<b>Internet</b>	Complimentary Wi-Fi in guest rooms
<b>Distance to Convention Center</b>	Approximately 0.3 mile/five-minute walk
<b>Reservation deadline</b>	17 July 2019 or until the block is full

\*Taxes not included in rates provided.

\*\* Parking rates are subject to change.

**Register Today!**

[https://www.isa-arbor.com/  
conference](https://www.isa-arbor.com/conference)

### **Arboriculture Celebration and Reception, Sunday Evening – 11 August**

ISA kicks off this year's conference with the Arboriculture Celebration. Join us as we recognize the best of the best in Arboriculture, the 2019 ISA Award of Distinction recipients and ITCC champions. The popular Tennessee-based blue grass band Grassically Trained rounds out the evening's entertainment with ethereal harmonies and impressive musicianship.

### **Monday Opening General Session – 12 August**

ISA acknowledges the 2019 ISA True Professionals, deserving arborists being honored for their best practices and successes in educating their colleagues and communities.



### **Tuesday Featured Presenter *Lynda V. Mapes, Witness Tree***

Lynda V. Mapes is an award winning journalist and *Seattle Times* reporter where she specializes in coverage of native cultures, natural history, and the environment. In addition to her staff position at the *Seattle Times*, Lynda is an associate of the Harvard Forest of Harvard University, in Petersham, Massachusetts. As a 2014 – 15 Bullard Fellow at the forest, she explored the human and natural history of a single, 100-year old oak to write *Witness Tree*. Recent honors include an award from the American Association for the Advancement of Science and the Dr. Nancy Foster Habitat Conservation Award bestowed by the National Oceanic and Atmospheric Administration Fisheries. Lynda is the author of five books. Her first children's book will be out this spring.



### **Monday Featured Presenter *Steve Curwood, Living on Earth***

Steve Curwood is the executive producer and host of National Public Radio's *Living on Earth* — broadcast on more than 300 NPR affiliates in the US — president of World Media Foundation, Inc. and a lecturer in environmental science and public policy at Harvard University. He has more than 30 years' experience as a journalist having worked for NPR, CBS News, and the *Boston Globe*, and began his career as the weekend host for another familiar NPR program *All Things Considered*. Steve is the recipient of numerous accolades including a shared Pulitzer Prize for Public Service as part of the *Boston Globe's* education team. Avoiding partisan lines, he advocates the fact that our relationship to our environment, and what we do to it, is as important as any other part of our lives.

# INTERNATIONAL TREE CLIMBING CHAMPIONSHIP WITH ARBOR FAIR AND EXPO



## Lakeshore Park

### Friday, 9 August

10:00 a.m. – 4:00 p.m.

Arbor Fair and Expo

1:00 p.m. – 6:00 p.m.

ITCC Masters' Qualifying Events

### Saturday, 10 August

8:30 a.m. – 4:00 p.m.

ITCC Masters' Qualifying Events

9:00 am – 4:00 p.m.

Arbor Fair and Expo

4:00 p.m. – 5:00 p.m.

SCA Rake Master Challenge

5:00 p.m. – 6:00 p.m.

ITCC Recognition and Awards Ceremony

### Sunday, 11 August

8:30 a.m. – 2:30 p.m.

Masters' Challenge

9:00 a.m. – 2:00 p.m.

Arbor Fair and Expo



Presented by



Photo credit: David Graham

**The International Tree Climbing Championship  
with Arbor Fair and Expo will be held at Lakeshore Park.**

**Transportation to and from Lakeshore Park  
will be provided for conference attendees.  
Buses will depart outside the Knoxville  
Convention Center's Clinch Ave. entrance.**

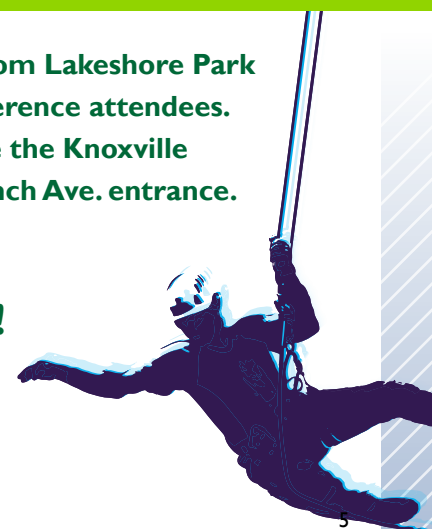
**Stay connected!**

Follow us on:



**#ISAKnoxville**

**#ITCCKnoxville**





Workshops and tours are separately ticketed unless otherwise noted.

## Pre-conference Sessions, Workshops and Tours

### Friday, 9 August

<b>8:00 a.m. – 5:00 p.m.</b>	<b>Tree Anatomy Workshop: Day 1</b> , Mark Hartley (Lunch included), 8.5 CEUs, A, M, T, L, Bs
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### Saturday, 10 August

<b>8:00 a.m. – 5:00 p.m.</b>	<b>Tree Anatomy Workshop: Day 2</b> , Mark Hartley (Lunch included), 8.5 CEUs, A, M, T, L, Bs
<b>9:00 a.m. – 3:15 p.m.</b>	<b>Effective Report Writing Workshop</b> , Julian Dunster (Lunch included, Requires laptop), 6.25 CEUs, A, M, Bm
<b>8:30 a.m. – 12:00 p.m.</b>	<b>University of Tennessee Campus and Gardens Tour</b> , Sam Adams (Depart from Convention Center's Clinch Ave. entrance)
<b>1:00 p.m. – 4:00 p.m.</b>	<b>City of Knoxville Urban Forest Tour</b> , Kasey Krouse (Depart from Convention Center's Clinch Ave. entrance)

### Sunday, 11 August

<b>8:00 a.m. – 3:00 p.m.</b>	<b>Tree Anatomy Workshop: Day 3</b> , Mark Hartley (Lunch included), 6.5 CEUs, A, M, T, L, Bs
<b>9:00 a.m. – 4:15 p.m.</b>	<b>Documenting Evidence Workshop</b> , Julian Dunster (Lunch included), 7.25 CEUs, A, U, T, L, M, Bm
<b>1:00 p.m. – 5:00 p.m.</b>	<b>An Overview of the Utility Specialist Certification Study Guide</b> , Randy Miller and Geoffrey Kempter (Refreshments included), 4 CEUs, A, U, Bm



# EDUCATIONAL SESSIONS

## MONDAY, 12 AUGUST

(As of 30 May 2019 – times and details subject to change.)

 Sessions are held at the Knoxville Convention Center

**COLOR KEY**  Beginner  General  Advanced  Climbers' Corner  Meeting

Breakfast, Welcome and Keynote Speaker				Climbers' Corner
7:00 a.m. – 8:00 a.m. Breakfast, Coffee and Networking				
8:00 a.m. – 8:30 a.m. ISA President and Local Chapter Welcome				9:30 a.m. – 11:00 a.m. Gear Inspection-Approval for Competition Phil Kelley 1.5 CEUs, A, T, L, Bp
8:30 a.m. – 9:20 a.m. Featured Presenter: Steve Curwood, NPR, <i>Living on Earth</i>				
Urban Forestry	Tree Planting	Business and Legal		
9:30 a.m. – 10:00 a.m. Using Diversity Guidelines to Enhance Stand Sustainability: A Case Study Michael Duddy 0.5 CEU, A, M, Bm	9:30 a.m. – 10:00 a.m. Tree Watering: You've Been Doing it Wrong Darrell Downey 0.5 CEU, A, M, Bp	9:30 a.m. – 10:00 a.m. Storm Work From the Adjustor's Perspective FJ Runyon 0.5 CEU, A, M, Bm	9:30 a.m. – 10:00 a.m. Business Management and Safety Training Through Leadership Evolution Erick Navarro Palacios 0.5 CEU, A, M, Bm	
10:00 a.m. – 10:30 a.m. Certification Partnerships to Support Urban Wood Utilization and Community Benefits Kathryn Fernholz 0.5 CEU, A, M, Bm	10:00 a.m. – 10:30 a.m. Tree Planting Strategies: Increasing Canopy Through Public-Private Partnerships Amory Ngan, Ray Vendrig 0.5 CEU, A, M, Bp (0.25) Bm (0.25)		10:00 a.m. – 10:30 a.m. ANSI: Unread Categories and Flow Charts to Disaster Joe R. Samnik 0.5 CEU, A, M, Bm	
10:30 a.m. – 11:00 a.m. Tree Management and Sailing Without a Rudder Mark Roberts 0.5 CEU, A, M, Bm	10:30 a.m. – 11:00 a.m. Increase Your Professional Approach to Tree and Shrub Planting: Stand Out From the Crowd Edward Gilman 0.5 CEU, A, M, Bp		10:30 a.m. – 11:00 a.m. Wildlife, Trees and the Law Kim Laframboise 0.5 CEU, A, U, T, L, M, Bm	
11:00 a.m. – 1:00 p.m. Break on Trade Show Floor				1:00 p.m. – 2:30 p.m. Climbers and Judges Meeting to Recap 2019 ITCC 1.5 CEUs, A, T, L, Bp
Urban Forestry	Practical Arboriculture	Education/Recruitment	Workshop	
1:00 p.m. – 1:30 p.m. Climate Change Impacts on Street Tree Species in California Igor Lacan 0.5 CEU, A, T, L, M, Bs (0.25), Bm (0.25)	1:00 p.m. – 1:30 p.m. Tree Risk Management Plans: Don't Leave Your Office Without One Jennifer Gulick 0.5 CEU, A, M, Bm	1:00 p.m. – 1:30 p.m. Inclusive Excellence at Virginia Tech's College of Natural Resources Joel Keebler 0.5 CEU, A, M, Bm	1:00 p.m. – 3:00 p.m. Hands-On Diagnostic Workshop Joe Boggs/John Ball 2.0 CEUs, A, T, L, Bp	
1:30 p.m. – 2:00 p.m. The Present Status of Urban Forestry in the World Francesco Ferrini 0.5 CEU, A, M, Bm	1:30 p.m. – 2:00 p.m. Leading in Safety in a Growing Industry Travis Vickerson 0.5 CEU, A, M, Bm	1:30 p.m. – 2:00 p.m. Future Trends in Arboriculture and Urban Forestry Education Paul Ries, Jess Vogt 0.5 CEU, A, M, Bm		
2:00 p.m. – 2:30 p.m. Diversity of the Urban Forest is More Than Trees John J. Ball 0.5 CEU, A, Bs	2:00 p.m. – 2:30 p.m. Fruit Tree Pruning for Arborists Susan Poizner 0.5 CEU, A, Bp	2:00 p.m. – 2:30 p.m. Tending the Next Generation of Arborists and Urban Foresters Holly Campbell 0.5 CEU, A, M, Bm		2:45 p.m. – 3:45 p.m. Biomechanics for Tree Climbers Phil Kelley 1.0 CEU, A, T, L, M, Bp
2:30 p.m. – 3:00 p.m. The Role of Nurseries for Increasing Urban Forest Species Diversity Justin Morgenroth 0.5 CEU, A, M, Bp	Pruning 2:30 p.m. – 3:00 p.m. The Unkindest Cut: Pruning Myths Linda Chalker-Scott 0.5 CEU, A, U, T, L, M, Bp	2:30 p.m. – 3:00 p.m. An Urban Forester in Botswana: Recruiting the Next Generation Eric North 0.5 CEU, A, M, Bm		
3:00 p.m. – 4:00 p.m. Break on Trade Show Floor				4:00 p.m. – 5:00 p.m. Climber Health and Wellness Phil Kelley 1.0 CEU, A, T, L, M, Bm
3:00 p.m. – 3:30 p.m. Arbor Day Tree Cities of the World Pete Smith, Dan Lambe 0.5 CEU, A, M, Bm	3:00 p.m. – 3:30 p.m. Pruning to Harm Trees! Johan Ostberg 0.5 CEU, A, T, L, Bp	Student Presenters		
3:30 p.m. – 4:00 p.m. Adaptive Management for Climate Change in the Urban Forest Jason Battles 0.5 CEU, A, M, Bm	3:30 p.m. – 4:00 p.m. Pruning for Performance and Prevention Lindsey Purcell 0.5 CEU, A, U, T, L, M, Bp	3:00 p.m. – 4:00 p.m. Jamie Lim: Arboriculture Safety Standards Around the World  Tingdong Guo: Understanding Property Owner Decisions About Trees During Redevelopment  Riley Rouse: Improving Root Systems of Container-Grown Trees Through Pre-plant Root Modification  1.0 CEUs A, U, T, L, M, Bp (0.5) Bm (0.5)		
4:00 p.m. – 4:30 p.m. Trees and Urban Development: Understand Development and Protect More Trees Keith Mars 0.5 CEU, A, M, Bm	4:00 p.m. – 4:30 p.m. Biomechanics Research Week 2010-2019: Summer Camp With a Purpose! Guy Meilleur 0.5 CEU, A, U, T, L, Bp	Poster Sessions		
4:30 p.m. – 5:00 p.m. Managing Urban Forest Calamities-Building Resilience & Good Governance Cecil Konijnendijk 0.5 CEU, A, M, Bm (0.25), Bs (0.25)	4:30 p.m. – 5:00 p.m. ISA Prescriptive Pruning Program Edward Gilman 0.5 CEU, A, T, L, Bp	4:00 p.m. – 5:00 p.m. Alex Klein: Trees as Medicine  Guy Meilleur: Results from Research on Regenerative Pruning: Biomechanics and Longevity  Holly Campbell: Tree Care for Fire-Resistant Landscapes  Igor Lacan: Tree Condition in Street-Side Bioswales: Results of a Four-Year Study		
5:00 p.m. – 7:00 p.m. Women in Arboriculture Networking Reception (Hilton Knoxville)				Trade Show closes at 5:00 p.m.
6:30 p.m. – 8:30 p.m. AREA Student Social				

# EDUCATIONAL SESSIONS TUESDAY, 13 AUGUST

(As of 30 May 2019 – times and details subject to change.)



Sessions are held at the Knoxville Convention Center

## COLOR KEY

Beginner

General

Advanced

Climbers' Corner

Meeting

## Breakfast

7:30 a.m. – 9:00 a.m.

Breakfast on Trade Show Floor

Appraisal-Tree Economics	Pests and Diseases	Soils, Fertilization and Stormwater	Symposium
<b>9:00 a.m. – 9:30 a.m.</b> <b>Depreciation Using the 10th Edition, Guide for Plant Appraisal</b> James Clark 0.5 CEU, A, M, Bm	<b>9:00 a.m. – 9:30 a.m.</b> <b>Oak Decline: A Fight Against the Inevitable</b> Chelsi Abbott 0.5 CEU, A, M, Bs	<b>9:00 a.m. – 9:30 a.m.</b> <b>Vertical Mulching and Worm Technology for Sustainable Soil De-Compaction</b> Glynn Percival 0.5 CEU, A, M, Bp	<b>9:00 a.m. – 11:00 a.m.</b> <b>Looking Backward and Forward Through TREE Fund Research: Impacts, Practical Research Outcomes, and You</b> J. Eric Smith, Rich Hauer, Andrew Koester, Arnold "Beau" Brodbeck, Steve Geist 2.0 CEUs, A, M, Bm
<b>9:30 a.m. – 10:00 a.m.</b> <b>How Nursery Stock Unit Cost Affects Trunk Formula Technique Appraisals</b> James Komen 0.5 CEU, A, M, Bm	<b>9:30 a.m. – 10:00 a.m.</b> <b>Using the Natural World to Combat Pests in Urban Landscapes</b> Cyd E. Hamilton 0.5 CEU, A, U, T, L, M, Bp	<b>9:30 a.m. – 10:00 a.m.</b> <b>Reconnecting Trees to Soils in Our Landscapes</b> Christopher W. Fields-Johnson 0.5 CEU, A, M, Bp, (0.25), Bs (0.25)	
<b>10:00 a.m. – 10:30 a.m.</b> <b>The Art of Tree Appraisal</b> Martin A. Shaw 0.5 CEU, A, M, Bm	<b>10:00 a.m. – 10:30 a.m.</b> <b>Leveraging People and Technology to Cope With Invasive Pests</b> Jessica M Mitchell, Christopher Shogren 0.5 CEU, A, U, T, L, M, Bp (0.25), Bm (0.25)	<b>10:00 a.m. – 10:30 a.m.</b> <b>Urban Tree Establishment Using Structural Soil Lessons from the Netherlands</b> Henry Kuppen 0.5 CEU, A, M, Bp	
<b>10:30 a.m. – 11:00 a.m.</b> <b>The ROI of Healthy Urban Trees</b> Matthew Werle 0.5 CEU, A, M, Bm	<b>10:30 a.m. – 11:00 a.m.</b> <b>Beneficials: How to Identify and Use Them Effectively</b> A.D. Ali 0.5 CEU, A, U, T, L, M, Bp	<b>10:30 a.m. – 11:00 a.m.</b> <b>Trees and Green Infrastructure Soils for Stormwater Management</b> Howard Stenn 0.5 CEU, A, M, Bm	

## 11:00 a.m. – 12:00 p.m. Break on Trade Show Floor

Appraisal-Tree Economics	Pests and Diseases	Soils, Fertilization and Stormwater	Symposium
<b>12:00 p.m. – 12:30 p.m.</b> <b>Around the World With i-Tree</b> Jason Henning 0.5 CEU, A, M, Bm	<b>12:00 p.m. – 12:30 p.m.</b> <b>Connect the Dots: Plant Diversity, Pollinators and Pest Management</b> Joe Boggs 0.5 CEU, A, U, T, L, M, Bs	<b>12:00 p.m. – 12:30 p.m.</b> <b>Educating Stormwater Engineers About Urban Forest Management</b> Eric Kuehler 0.5 CEU, A, M, Bm	<b>12:00 p.m. – 2:00 p.m.</b> <b>Tree Preservation: Policy, Practice and Research</b> Lara Roman, Jason Lubar, John O'Neill, Deborah Hilbert 2.0 CEUs, A, M, Bm
<b>12:30 p.m. – 1:00 p.m.</b> <b>Landowner and Professional Perceptions of Cost-Share Funding for EAB Treatment</b> Peter Stewart, Eric Wiseman 0.5 CEU, A, M, Bm	<b>12:30 p.m. – 1:00 p.m.</b> <b>Compatibility of Insecticides and Biocontrol for EAB Management</b> Fredric Miller 0.5 CEU, A, U, T, L, M, Bs (0.25), Bm (0.25)	<b>Urban Forestry and More!</b> <b>12:30 p.m. – 1:00 p.m.</b> <b>Growing the Industry: Public Relations 101</b> Stephen Lane 0.5 CEU, A, U, T, L, M, Bm	
<b>Inventory and Monitoring</b> <b>1:00 p.m. – 1:30 p.m.</b> <b>Drone-Based Techniques for Detailed Study of Tree Structure and Growth</b> Charles Cannon 0.5 CEU, A, M, Bm (0.25), Bs (0.25)	<b>1:00 p.m. – 1:30 p.m.</b> <b>Managing Bucida Street Tree Staining in Florida and the Caribbean</b> A.D. Ali 0.5 CEU, A, M, Bm, Bs	<b>1:00 p.m. – 1:30 p.m.</b> <b>Deforestation by Design™: Architecture, Engineering, Sustainability and Arboriculture</b> John Palmer 0.5 CEU, A, M, Bm	
<b>1:30 p.m. – 2:00 p.m.</b> <b>The Digital Urban Forest: Map, Access, and Share Your Data</b> Ian Hanou 0.5 CEU, A, M, Bm	<b>1:30 p.m. – 2:00 p.m.</b> <b>Can We Vaccinate Trees to Protect Against Root Diseases?</b> Glynn C. Percival 0.5 CEU, A, U, T, L, M, Bs	<b>1:30 p.m. – 2:00 p.m.</b> <b>Household Practices and Attitudes Toward Tree Recycling and Wood Products</b> Eric Wiseman, Mikaela Schmitt-Harsh 0.5 CEU, A, M, Bm	

## 2:00 p.m. – 3:00 p.m. Break on Trade Show Floor

Inventories and Monitoring	Pests and Diseases	Urban Forestry and More!	Tree Protection
<b>3:00 p.m. – 3:30 p.m.</b> <b>Tree Data Collection Used to Promote Tree Benefits</b> Craig J. Hinton 0.5 CEU, A, M, Bm	<b>3:00 p.m. – 3:30 p.m.</b> <b>Which Tree Pests Matter?</b> Joe Boggs 0.5 CEU, A, U, T, L, M, Bs	<b>3:00 p.m. – 3:30 p.m.</b> <b>Austin Community Tree Program: Past, Present and Future</b> Margaret Valenti 0.5 CEU, U, A, M, Bm	<b>3:00 p.m. – 3:30 p.m.</b> <b>Tree Preservation Protocol Based on ANSI A300 Standards</b> Ormand B. Crabtree 0.5 CEU, A, T, L, M, Bm
<b>3:30 p.m. – 4:00 p.m.</b> <b>Evaluating Tree Species; Diversity in Thirty Parks</b> Brian Watkins 0.5 CEU, A, T, L, M, Bp (0.25), Bm (0.25)	<b>3:30 p.m. – 4:00 p.m.</b> <b>Managing the Forest, Not the Trees: Adaptive Management for Oak Wilt in Austin</b> April Rose 0.5 CEU, A, M, Bm	<b>3:30 p.m. – 4:00 p.m.</b> <b>Comparing 15 Different Tree Risk Assessment Methods Using Only Sensitivity Analyses</b> Gregory M. Moore 0.5 CEU, A, T, L, M, Bm	<b>3:30 p.m. – 4:00 p.m.</b> <b>Managing Trees and Construction</b> Ian H. Gray 0.5 CEU, A, M, Bm

4:00 p.m. – 5:00 p.m. Featured Presenter: Lynda V. Mapes, Witness Tree

8:00 a.m. – 8:30 a.m.  
ISA Annual Business Meeting

Climbers' Corner

8:30 a.m. – 9:30 a.m.  
Aerial Rescue From a Competition Standpoint  
Phil Kelley  
1.0 CEU, A, T, L, Bm

10:00 a.m. – 11:00 a.m.  
Customer Service vs. Customer Experience  
Phil Kelley  
1.0 CEU, A, T, L, Bm

12:00 p.m. – 2:00 p.m.  
From Tree to Truck  
Phil Kelley  
2.0 CEUs, A, T, L, M, Bp

Trade Show closes at 3:00 p.m.



**TREE FUND**  
Cultivating Innovation

Indicates researchers funded by TREE Fund since 2002.



# EDUCATIONAL SESSIONS

## WEDNESDAY, 14 AUGUST

(As of 30 May 2019 – times and details subject to change.)

Sessions are held at the Knoxville Convention Center

**COLOR KEY** Beginner General Advanced Climbers' Corner Meeting

Breakfast	
7:30 a.m. – 9:00 a.m.	
Breakfast, Coffee and Networking	
AREA	UAA
<b>9:00 a.m. – 9:30 a.m.</b> <b>Measuring Ecosystem Services by Urban Species: The LIFE Urbangreen Project</b> Alessio Fini 0.5 CEU, A, M, Bp (0.25), Bm (0.25)	<b>9:00 a.m. – 10:00 a.m.</b> <b>Safety Job Briefings: Not Just for Compliance</b> Gerry Breton, 1.0 CEU, A, U, T, L, M, Bm
<b>9:30 a.m. – 10:30 a.m.</b> <b>AREA Student Presentations</b> Names TBD	
<b>10:30 a.m. – 11:00 a.m.</b> <b>Trees and Storms: Improved Estimates of Tree Debris Following Storms</b> Richard Hauer 0.5 CEU, A, M, Bm	<b>10:00 a.m. – 11:00 a.m.</b> <b>Worker Retention</b> Will Nutter 1.0 CEU, A, U, T, L, M, Bm

### 11:00 a.m. – 12:00 p.m. Break

<b>12:00 p.m. – 12:30 p.m.</b> <b>The Dynamics of Urban Tree Death</b> Deborah Hilbert 0.5 CEU, A, Bs	<b>12:00 p.m. – 1:00 p.m.</b> <b>Education Panel</b> Philip Charlton, Alex Miller, Sharon Jean-Philippe, Brian Sprinkle 1.0 CEU, A, U, T, L, M, Bm
<b>12:30 p.m. – 1:00 p.m.</b> <b>Examining Strain Propagation in the Lateral and Codominant Branch</b> Gregory Dahle 0.5 CEU, A, M, Bs (0.25), Bm (0.25)	
<b>1:00 p.m. – 1:30 p.m.</b> <b>Effect of Plant Growth Regulator Paclobutrazol on Laurel Wilt Pathosystem</b> Stephanie Adams 0.5 CEU, A, Bs	<b>1:00 p.m. – 2:00 p.m.</b> <b>Increasing Ecological Stewardship in Utility Vegetation Management</b> Colby Tisdale 1.0 CEU, A, U, T, L, M, Bm
<b>1:30 p.m. – 2:00 p.m.</b> <b>The Urban Visual Vitality Index: A Numerical Visual Assessment Method</b> Denise Johnstone 0.5 CEU, A, M, Bs (0.25), Bm (0.25)	
<b>2:00 p.m. – 2:30 p.m.</b> <b>Measuring Multi-Stemmed Street Trees</b> Lara Roman 0.5 CEU, A, M, Bp	<b>2:00 p.m. – 3:00 p.m.</b> <b>EAB – Dealing with Ash Trees: When to Climb and What to Do If You Can't</b> Tim Walsh 1.0 CEU, A, T, L, M, Bm
<b>2:30 p.m. – 3:00 p.m.</b> <b>The Effects of Root Pruning on Mature <i>Quercus virginiana</i></b> Andrew Benson 0.5 CEU, A, T, L, Bm	

SCA Field Day
<b>9:00 a.m. – 4:00 p.m.</b> <b>Wednesday, 14 August</b> Details coming soon!
SMA: Municipal Specialist Workshop
<b>9:00 a.m. – 4:00 p.m.</b> <b>Wednesday, 14 August</b> A full-day workshop helping prepare individuals for the ISA Municipal Specialist Certification exam ( <i>ISA exam is not offered at this event, CEUs are only available for those who already have the credential</i> ). 7 CEUs, A, M, Bm

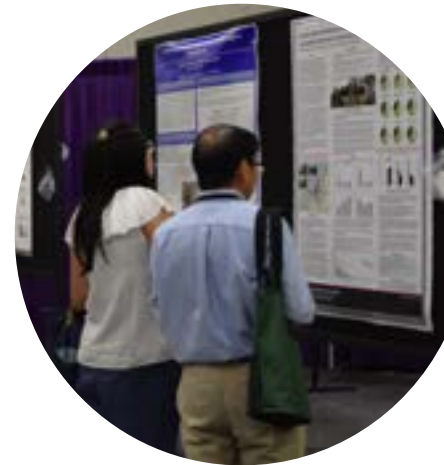
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Number of CEUs determined by length of session

s=Science m=Management p=Practice

### Color Key

Beginner	General	Advanced	Climbers' Corner	Meeting
			On the Trade Show Floor	Open to Attendees



## Come early.

Experience the excitement of the International Tree Climbing Championship, 9-11 August.



## TREE Fund & Host Activities

### TREE Fund After Hours

<b>When</b>	Tuesday, August 13, 2019 6:00 p.m. – 7:00 p.m. (followed by “Toast With the Host”)
<b>Where</b>	Jackson Terminal (205 W. Jackson Ave, Knoxville)
<b>Who</b>	All ISA Conference Registrants
<b>RSVP</b>	Free admission; however, please register for this event when you complete your conference registration to let us know you are coming! Bring your friends and join the fun: <ul style="list-style-type: none"> <li>• Ken Ottman Outstanding Volunteer Award</li> <li>• Opportunity to support your favorite Tour des Trees Team and Rider</li> <li>• Appetizers and drink tickets</li> </ul>

### “Toast With the Host” (Hosted by Southern Chapter)

<b>When</b>	Tuesday, August 13, 2019 7:00 p.m. – 9:00 p.m.
<b>Where</b>	Jackson Terminal (205 W. Jackson Ave, Knoxville)
<b>Who</b>	All ISA Conference Registrants
<b>What</b>	Network with conference attendees and take this time to toast the ISA Southern Chapter for hosting us in beautiful Knoxville, Tennessee.
<b>RSVP</b>	To RSVP, procure a free ticket online when you register.

## Conference Agenda (As of 30 May 2019 – times and details subject to change.)

### Thursday, 8 August

8:00 a.m. – 5:00 p.m. TRAQ Full Course: Day 1

### Friday, 9 August

8:00 a.m. – 5:00 p.m. TRAQ Full Course: Day 2  
8:00 a.m. – 5:00 p.m. Tree Anatomy Workshop – Day 1 *Ticket Required*  
10:00 a.m. – 4:00 p.m. Arbor Fair and Expo, **ITCC** (1:00 p.m. – 6:00 p.m.) (Lakeshore Park)  
4:00 p.m. – 6:00 p.m. Registration Opens

### Saturday, 10 August

7:00 a.m. – 12:00 p.m. Registration Open  
8:00 a.m. – 11:30 a.m. TRAQ Full Course: Day 3  
8:00 a.m. – 5:00 p.m. Tree Anatomy Workshop – Day 2 *Ticket Required*  
8:30 a.m. – 12:00 p.m. University of Tennessee Campus & Gardens Tour *Ticket Required*  
9:00 a.m. – 3:15 p.m. Effective Report Writing Workshop *Ticket Required, Requires laptop*  
9:00 a.m. – 4:00 p.m. Arbor Fair and Expo, **ITCC** (8:30 a.m. – 6:00 p.m.) (Lakeshore Park)  
1:00 p.m. – 4:00 p.m. City of Knoxville Urban Forest Tour *Ticket Required*

### Sunday, 11 August

7:00 a.m. – 8:30 p.m. Registration Open  
8:00 a.m. – 3:00 p.m. Tree Anatomy Workshop – Day 3 *Ticket Required*  
8:30 a.m. – 2:30 p.m. Arbor Fair and Expo, **ITCC** (Lakeshore Park)  
9:00 a.m. – 4:15 p.m. Documenting Evidence Workshop *Ticket Required*  
1:00 p.m. – 5:00 p.m. An Overview of Utility Specialist Certification Study Guide *Ticket Required*  
6:00 p.m. – 7:30 p.m. Arboriculture Celebration  
7:30 p.m. – 9:30 p.m. Welcome Reception on the Trade Show Floor

### Monday, 12 August

6:30 a.m. – 5:30 p.m. Registration Open  
7:00 a.m. – 8:00 a.m. Light Breakfast, Coffee & Networking (Cumberland Concourse)  
7:00 a.m. – 8:00 a.m. ISA Board Certified Master Arborist® Breakfast *Invite Only*  
7:00 a.m. – 8:00 a.m. Past Presidents' Breakfast *Invite Only*  
8:00 a.m. – 8:30 a.m. ISA President & Local Chapter Welcome  
8:30 a.m. – 9:30 a.m. Featured Keynote 1: Steve Curwood, *Living on Earth*  
9:30 a.m. – 5:00 p.m. All-Day General Education Sessions  
9:30 a.m. – 5:00 p.m. Trade Show Floor Open, Climber's Corner, Poster Presentations  
1:00 p.m. – 3:00 p.m. Hands-On Diagnostic Workshop *Ticket Required*  
5:00 p.m. – 7:00 p.m. Women in Arboriculture Networking Event (Hilton) *Ticket Required*  
6:30 p.m. – 8:30 p.m. AREA Meeting & Student Social (Calhoun's on the River) *Ticket Required*

### Tuesday, 13 August

7:00 a.m. – 3:00 p.m. Registration Open  
7:30 a.m. – 9:00 a.m. Light Breakfast, Coffee & Networking on Trade Show Floor  
8:00 a.m. – 8:30 a.m. ISA Annual Business Meeting at Climber's Corner  
9:00 a.m. – 4:00 p.m. All Day General Education Sessions  
9:00 a.m. – 3:00 p.m. Trade Show Floor Open, Climber's Corner, Poster Presentations  
4:00 p.m. – 5:00 p.m. Featured Keynote 2: Lynda V. Mapes, *Witness Tree*  
6:00 p.m. – 7:00 p.m. TREE Fund After Hours (Jackson Terminal) *RSVP at Registration*  
7:00 p.m. – 9:00 p.m. Toast With the Host – ISA Southern Chapter (Jackson Terminal) *RSVP at Registration*

### Wednesday, 14 August

7:00 a.m. – 1:30 p.m. Registration Open  
7:30 a.m. – 9:00 a.m. Light Breakfast, Coffee & Networking (Cumberland Concourse)  
8:00 a.m. – 5:00 p.m. TRAQ Renewal Course  
9:00 a.m. – 3:00 p.m. AREA and General Education Sessions  
9:00 a.m. – 4:00 p.m. SMA Municipal Specialty Workshop *Ticket Required*  
9:00 a.m. – 4:00 p.m. SCA Field Day *Ticket Required*





**Sessions are held at the Knoxville Convention Center.**

(As of 30 May 2019 – times and details subject to change.)

Preconference	
<b>Tree Anatomy Workshop – 3 Days</b> (onsite registration not available) Friday, 9 August – Saturday, 10 August, 8:00 a.m. – 5:00 p.m. Sunday, 11 August 2019, 8:00 a.m. – 3:00 p.m.	
Member: Register by 2 August 2019	\$695
Non-Member: Register by 2 August 2019	\$750
<b>University of Tennessee Campus &amp; Gardens Tour</b> Saturday, 10 August 2019, 8:30 a.m. – 12:00 p.m.	
Register by 2 August 2019	\$50
Register onsite 9 – 10 August 2019	\$60
<b>City of Knoxville Urban Forest Tour</b> Saturday, 10 August 2019, 1:00 p.m. – 4:00 p.m.	
Register by 2 August 2019	\$50
Register onsite 9 – 10 2019	\$60
<b>Effective Report Writing Workshop</b> (Requires laptop) Saturday, 10 August 2019, 9:00 a.m. – 3:15 p.m.	
Register by 2 August 2019	\$225
Register onsite 9 – 10 August 2019	\$250
<b>Documenting Evidence Workshop</b> Sunday, 11 August 2019, 9:00 a.m. – 4:15 p.m.	
Register by 2 August 2019	\$195
Register onsite 9 – 11 August 2019	\$220
<b>An Overview of Utility Specialist Certification Study Guide</b> Sunday, 11 August 2019, 1:00 p.m. – 5:00 p.m.	
Register by 2 August 2019	\$90
Register onsite 9 – 11 August 2019	\$110

Networking Opportunities	
<b>Women in Arboriculture Networking Reception</b> Monday, 12 August 2019, 5:00 p.m. – 7:00 p.m.	
Register by 2 August 2019	\$20
Register onsite 9 – 12 August 2019	\$30
<b>AREA Meeting and Student Social</b> Monday, 12 August 2019, 6:30 p.m. – 8:30 p.m.	
Register by 2 August 2019	\$15
Register onsite 9 – 12 August 2019	\$20
ISA Student Member: Register by 2 August 2019	\$5
ISA Student Member: Register onsite 9 – 12 August 2019	\$10
<b>TREE Fund After Hours &amp; “Toast With the Host”</b> Tuesday, 13 August 2019, 6:00 p.m. – 9:00 p.m.	
	\$0
Wednesday Choose Your Own Adventure	
<b>SCA: Field Day</b> Wednesday, 14 August 2019, 9:00 a.m. – 4:00 p.m.	
Register by 2 August 2019	\$58
Register onsite 9 – 14 August 2019	\$75
<b>SMA: Municipal Specialist Workshop</b> Wednesday, 14 August 2019, 9:00 a.m. – 4:00 p.m.	
Register by 2 August 2019	\$100
Register onsite 9 – 14 August 2019	\$125
Ticketed Conference Workshops	
<b>Hands-On Diagnostic Workshop</b> Monday, 12 August 2019, 1:00 p.m. – 3:00 p.m.	
Register by 2 August 2019	\$120
Register onsite 9 – 12 August 2019	\$140



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Registration Type	ISA Member	Non-Member
<b>Conference Package</b>		
Register by 14 June 2019	\$485	\$630
Register 15 June – 2 August 2019	\$535	\$680
Register onsite 9 – 14 August 2019	\$595	\$740
<b>Student Member Package</b>		
Register by 14 June 2019	\$95	N/A
Register 15 June – 2 August 2019	\$95	N/A
Register onsite 9 – 14 August 2019	\$95	N/A
<b>Monday or Tuesday Package</b>		
Register by 14 June 2019	\$275	\$340
Register 15 June – 2 August 2019	\$300	\$365
Register onsite 9 – 13 August 2019	\$335	\$400
<b>Wednesday Package</b>		
Register by 14 June 2019	\$230	\$295
Register 15 June – 2 August 2019	\$255	\$320
Register onsite 9 – 14 August 2019	\$290	\$355
<b>Trade Show Plus</b>		
Register by 2 August 2019	\$45	\$45
Register onsite 9 – 13 August 2019	\$55	\$55
Child (12 years old or under)	\$0	\$0
<b>Monday or Tuesday Trade Show</b>		
Register by 2 August 2019	\$25	\$25
Register onsite 9 – 13 August 2019	\$30	\$30
<b>Welcome Reception</b>		
Register by 2 August 2019	\$20	\$20
Register onsite 9 – 11 August 2019	\$25	\$25
Child (12 years old or under)	\$0	\$0

## Featured Registration Rates

### Conference Package

Includes Sunday Arboriculture Celebration and Welcome Reception, Monday through Wednesday General Education Sessions including President's Welcome and Daily Keynote Speakers, and Monday and Tuesday Trade Show with Climbers' Corner. Light breakfast, breaks and reception refreshments are included.

### Trade Show Plus

Don't have time to attend the entire conference? Purchase the Trade Show Plus to have access to all activities that will take place on the Trade Show Floor Sunday through Tuesday including the Welcome Reception and the Climbers' Corner sessions. This registration also provides access to the Sunday evening Arboriculture Celebration and Welcome Reception and Monday kick off which includes the President's Welcome and Featured Presentation. Breaks and reception refreshments are included.

### Welcome Reception

This registration is ideal for registrants who would like their guest to attend the Sunday evening Arboriculture Celebration and Welcome Reception. (Guests would need to purchase a different registration to attend any educational sessions.)

### Wednesday Choose Your Own Adventure

Attend ISA's general education track, AREA's session, or choose to purchase a ticket to one of the additional activities Wednesday, 14 August.

## Registration Deadlines

<b>Early-Bird</b>	Friday, 14 June 2019
<b>Regular</b>	Friday, 2 August 2019
<b>Onsite</b>	Friday, 9 August – Wednesday, 14 August 2019

## Tentative Onsite Registration Hours:

Knoxville Convention Center

<b>Friday, 9 August</b>	4:00 p.m. – 6:00 p.m.
<b>Saturday, 10 August</b>	7:00 a.m. – 12:00 p.m.
<b>Sunday, 11 August</b>	7:00 a.m. – 8:30 p.m.
<b>Monday, 12 August</b>	6:30 a.m. – 5:30 p.m.
<b>Tuesday, 13 August</b>	7:00 a.m. – 3:00 p.m.
<b>Wednesday, 14 August</b>	7:00 a.m. – 1:30 p.m.



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