

Inland Tree Conference 2023			
	CenterPlace Event Center	Presentation Location	
Day	Time	Great Room	
Thursday, January 11th, 2024	8:00 AM	Registration & Breakfast	
	8:15 AM	<b>Opening Ceremony:</b> Vicki Carter, Director, Spokane Conservation District	
	8:30 AM	<b>KEYNOTE: <i>Tree Ring Circus - An Arborists Journey</i></b> Scott D. Baker, Tree Solutions Inc.	
	9:30 AM	<b>Tree Preservation</b> Kelly Chadwick, Spirit Pruners	
	11:00 AM	<b><i>Hazards to Habitat: Wildlife Trees in the Real World</i></b> Ken Bevis, DNR	
	12:00 PM	Lunch & Vendor Fair	
	Break Out Sessions	Presentation Location	
		Great Room	Room #213
	1:30 PM	<b><i>Native Insect &amp; Disease</i></b> Ted Hensold, Consulting Forester	<b><i>The Power of Partnering with Non-Profits</i></b> Katie Kosanke, Spokaneopy
		15 MIN BREAK	
	2:45 PM	<b><i>Pests on the Horizon: Be on the Watch</i></b> Tim Kolhauff, WSU Extension	<b><i>Managing Soil to Prevent Root Disease</i></b> Drew Zwart, Bartlett Tree Experts
3:45 PM	Networking Happy Hour		

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Day	Time	Great Room	Room #213
Friday, January 12th, 2024	8:00 AM	Registration & Breakfast	
	8:30 AM	<b>"Split Out Boards for my Bed:" David Thompson's use of Interior Forest Trees</b> Jack Nisbet, Historian, Author	
		5 MIN BREAK	
	9:35 AM	<b>Arboricultural Zombies! Myths that will not die.</b> Linda Chalker Scott, WSU Puyallup Research and Extension Center	<b>DNR's Urban &amp; Community Forestry Program</b> Mike Sandborn, DNR
		5 MIN BREAK	
	10:40 AM	<b>Navigating Public Tree Maintenance Projects</b> Chris Boza, Consulting Arborist	<b>Writing Clear Specifications Using ANSI Standards</b> Jim Flott, Community Forestry Consultants, Inc.
	12:10 PM	Lunch & Vendor Fair	
	1:30 PM	<b>Diagnosing &amp; Treating Abiotic Issues</b> Linda Chalker Scott, WSU PREC	
	2:30 PM	<b>KEYNOTE: Redwood Skywalk at Sequoia Park Zoo</b> Scott D. Baker, Tree Solutions Inc."	

# Inland Tree Conference

Presented by: Spokane Conservation District

**ISA credits are granted for each session during the conference.**

Thursday, January 11<sup>th</sup>, 2024

**8:00 AM |** Registration & Breakfast

**8:15 AM |** **Opening Ceremony:** Vicki Carter, Director, Spokane Conservation District

**8:30 AM |** ***Tree Ring Circus - An Arborists Journey***  
Scott D. Baker, Tree Solutions Inc., Seattle, WA

I have been looking closely at trees since I was a child at summer camp in Vermont in the 1960s. Over my career, I've owned a tree service, sold alternative energy systems, worked as a mountain guide and Outward-Bound instructor, led outdoor educational trips with young people, helped write Washington State's first energy building code and trained builders to interpret it, participated in development projects on urban and rural properties, worked as a contract tree climber, founded a consulting company, and helped educate arborists all over North America.

My hope is that this talk will inspire people who hear it and help them to understand the complex interactions and relationships that influence the ecosystems where we live. I think that we live in a time in human history, where an understanding how ecosystems function, and how we humans can influence them is going to be a critical in the future.

Speaker Bio: Scott D. Baker is a Registered Consulting Arborist with the American Society of Consulting Arborists, a Board Certified Master Arborist under the International Society of Arboriculture Certification Program, and a Qualified Tree Risk Assessor with 48 years experience in arboriculture.

**9:35 AM |** ***Tree Preservation***  
Kelly Chadwick, Spirit Pruners, Spokane, WA

This presentation will offer alternatives to the retain/remove paradigm. It's intended to help Arborists think outside the box with tree damage, failure, and directional training.

Specifically, we will cover ornamental cabling, retraining fallen trees, retrenchment, permanent staking, branch relocation and spacing, raptor nests, grafting, and other tools for supporting compromised trees. The

goal is to help tree professionals be comfortable offering creative solutions to challenges clients face.

Speaker Bio: Kelly Chadwick is the founder of Spirit Pruners and Temple Foundation, a Certified Arborist, a Certified Tree Risk Assessor, and a Certified Specialist in Wine. He studies and teaches the identification of fungi. He spent 14 years in fine wine distribution and attributes his successes to not following conventional doctrine. He started pruning 12 years ago after an inspiring college course and left his corporate wine job to prune full-time. Spirit Pruners has 14 employees with a focus on understanding all the needs of a property including wildlife habitat, aesthetics, neighbors, the temperament of the client, etc.

**10:40 AM | *Hazards to Habitat: Wildlife Trees in the Real World***

Ken Bevis, Washington DNR

This presentation will define “Wildlife Tree” for management purposes; that is, a tree providing cavity habitat benefits, whether live or dead. I will reflect on the species using them and the habitat values of these trees. Across the state, I have seen numerous examples of created wildlife trees in various settings, some of them public spaces and wildland. Arborists have been doing some great work promoting these techniques. A discussion will be queued up to share experiences of what worked and what didn’t.

Speaker Bio: Ken spends his time teaching landowners across the state how to best create wildlife habitats in their forests, and entertaining people with his songs.

**12:00 PM | Lunch & Vendor Fair**

**1:30 PM | First Breakout Session**

**A. *Native Insect and Disease***

Ted Hensold, Consulting Forester, Spokane, WA

This presentation is specifically tailored for arborists working in the Inland Northwest region. We will provide you with a comprehensive understanding of the common natural agents that impact the health of native trees in our area. Throughout the presentation, we will cover a range of topics, including general principles of tree health; environmental stressors; tree-killing and damaging insects (bark beetles, defoliators,

etc.); fungal pathogens (root diseases, foliar diseases, stem rusts, etc.); dwarf-mistletoe; and abiotic damages.

Speaker Bio: Ted Hensold has a BS (Forestry) from Michigan State University and a MS (Forest Resources) from the University of Idaho. Following a 2-year reforestation assignment with the Peace Corps in Guatemala, in 1980 he began a career in Indian forestry working on the Spokane and Kalispel Reservations in Washington. He worked in forest development from 1980 to 1983; timber sales administration from 1983 to 1984; and as the silviculturist and planning and inventory specialist from 1984 to 2010. In 2010, he retired from full-time employment and now works as a forestry consultant for tribes, the Bureau of Indian Affairs regional and agency offices, and small private forestland owners. His practice has included preparing silvicultural prescriptions; preparing forest management plans; analyzing continuous forest inventory data; leading silviculture trainings; serving on a silviculturist certification examination board; and making presentations in silviculture and inventory analysis before professional groups and the public.

**B. *The Power of Partnering with Non-Profits***

Katie Kosanke, Spokaneopy, Spokane, WA

The City of Spokane has been fortunate to partner with like-minded non-profit organizations that applied for and received WA DNR Community Forestry Grants, which directly benefited the city's Urban Forestry program. For those who work for municipalities, we understand you are always striving to do more, with less. This session will provide an overview of Spokane's incredibly successful partnerships. The programs have resulted in an increase in understanding of tree benefits within the community, added many new trees, and even decreased city staff workload. This presentation will also provide suggestions for the many different types of non-profit organizations you should consider partnering with next.

Speaker Bio: Katie Kosanke is the Urban Forester for the City of Spokane Washington, since November 2018 and manages all aspects of the City's Urban Forestry program. Previously, Katie was the Urban Forester for the City of Coeur d'Alene Idaho where she was a part of the program for 11 years. She is an ISA Certified Arborist, and Municipal Specialist and holds the Tree Risk Assessment Qualification.

**2:45 PM |** Second Breakout Session

**A. *Pests on the Horizon: Be on the Watch***

Tim Kohlhauff, WSU Extension, Spokane County

Learn to identify pests of ornamental landscapes with a special emphasis on invasive species. Some are here already, some are only threats but all of them are damaging. Signs, symptoms, and what to do if you find them in the landscape. Some of these include Emerald Ash Borer, Japanese beetles, Spotted lantern fly, Sooty bark disease, Little cherry virus, and more.

Speaker Bio: Tim Kohlhauff is the urban horticulture program coordinator for Washington State University Extension's Spokane County office. He has led the local Master Gardener volunteer program since 2012. He is an adjunct instructor at Spokane Community College where he has taught Arboriculture, Advanced Arboriculture, and Plant Problem Diagnosis classes. For 10 years, Tim was the arborist at the Spokane Country Club, now Kalispell Golf & Country Club. He has been an ISA-certified arborist since 2004.

### ***B. Managing Soil to Prevent Root Disease***

Drew Zwart, Bartlett Tree Experts, Spokane, WA

This presentation will provide information about common root diseases of woody plants in the Inland Northwest urban forests, and detail several soil management options to help prevent and mitigate those diseases. A brief review of pathogen biology, common hosts, and both chemical and non-chemical management options will be discussed.

Speaker Bio: Dr. Drew Zwart is a plant pathologist and physiologist and has been on staff at the Bartlett Tree Research Laboratories for 18 years. He conducts research and provides training and scientific support throughout Bartlett's western operations, including California, Oregon, Washington, and British Columbia. Drew conducts research on plant stress physiology, and plant disease and insect concerns, with a focus on sustainable practices and climate resilience. Dr. Zwart earned his Ph.D. at the University of Washington – Center for Urban Horticulture, studying the interaction of plant stress and disease susceptibility. Drew is an ISA-certified arborist and an ASCA - ASCA-Registered Consulting Arborist (RCA).

### **3:45 PM | Networking Happy Hour**

Please join us for light refreshments, a cash bar, and the opportunity to share what you have learned with fellow conference attendees.

# Inland Tree Conference

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Friday, January 12<sup>th</sup>, 2024

**8:00 AM |** Registration & Breakfast

**8:30 AM |** ***“Split Out Boards for my Bed:” David Thompson’s Use of Interior Forest Trees***

Jack Nesbit, Historian, Author

Between 1807 and 1812, British fur agent David Thompson and his crew constructed a network of trade houses across the Inland Northwest. In doing so they encountered a completely unfamiliar suite of landscapes and materials. Join us to examine the tree species, tools, carpentry techniques, and challenges that the newcomers faced with every new building project they attempted.

Speaker Bio: Spokane-based author Jack Nisbet has written several books that explore the intersection of human and natural history in the Intermountain West. These include two award-winning journeys into the world that David Thompson saw: *Sources of the River* and *The Mapmaker’s Eye*. A new audio version of *Sources of the River* has just been released by Tantor Media.

**9:35 AM |** Third Breakout Session

**A. *Arboricultural Zombies! Myths that will not die.***

Linda Chalker Scott, Professor and Extension Urban Horticulturist, WSU Puyallup Research and Extension Center, WA

This session will help arborists learn about products and practices that (1) aren’t based in science, (2) are misapplied from agricultural science, or (3) are over-extrapolated beyond their efficacy limits. In addition, we’ll look at scientific research that’s poor quality or biased.

Speaker Bio: Dr. Linda Chalker-Scott has a Ph.D. in Horticulture from Oregon State University and is an ISA-certified arborist and an ASCA consulting arborist. She is WSU’s Extension Urban Horticulturist and a Professor in the Department of Horticulture. She conducts research in applied plant and soil sciences, publishing the results in scientific articles and university Extension fact sheets. She is currently the editor for

WCISA's *Western Arborist* magazine, the *Journal of NACAA*, and Editor-in-Chief for *Compost Science and Utilization*. She is also actively involved in enhancing the scientific literacy of her audiences by teaching them how to assess the credibility of information from print and online sources.

**B. *DNR'S Urban and Community Forestry Program***

Mike Sanborn, DNR, Spokane, WA

This session will discuss the Department of Natural Resources Urban and Community Forestry Program. We will discuss opportunities to elevate your community's green infrastructure through our tailored grants, designed to support projects that foster tree canopy growth, sustainable landscaping, and community engagement. Additionally, discover the wealth of technical assistance available to guide you in implementing effective forestry strategies, ensuring the longevity and resilience of urban green spaces.

Speaker Bio: Michael is the eastern WA forestry technician with the Urban and Community Forestry Program, WA Department of Natural Resources. The position provides education, training, and technical assistance to statewide partners to improve their urban forestry skills and knowledge with a greater goal of creating self-sustaining tree programs. He has nearly 20 years of arboriculture and urban forestry experience in the Spokane region, is a member of the International Society of Arboriculture, and holds associated certifications and qualifications.

**10:40 AM |** Fourth Breakout Session

**A. *Writing Clear Specifications Using ANSI Standards***

Jim Flott, Community Forestry Consultants, Inc., Spokane, WA

Specifications are the tools used to guide and verify the compliance of a project. The specifications have to be written clearly enough to describe the work and most importantly not allow the work to be performed differently and still meet the project specifications and scope of work. In this presentation examples and class activities will assist participants in writing clear specifications.

Speaker Bio: Jim Flott is president of Community Forestry Consultants, Inc. (CFC). CFC provides TreeWorks™ tree management software; inventories and appraisals; management plans; risk assessment and risk management plans; tree preservation plans; diagnosis; expert witness; forensic investigations; urban forestry program reviews; training workshops; and urban forestry, arboriculture, and horticulture consulting



services to individuals, corporations, universities, municipalities, county and state agencies, cemeteries, and golf courses in the United States and Canada. He received his B.S. degree in horticulture from Iowa State University and his M.S. degree in forest pathology from the University of Arizona and has over 45 years of work experience in the horticulture, urban forestry, and arboriculture industries. He is an ISA-certified arborist and certified municipal specialist; American Society of Consulting Arborists registered consulting arborist; PNW-ISA TRACE instructor and certified tree risk assessor; ISA TRAQ instructor and assessor; and a certified Lantra training instructor.

**B. Navigating Public Tree Maintenance Projects**

Chris Boza, Consulting Arborist, Spokane, WA

Bidding and prosecuting public tree maintenance contracts can be challenging and bad for your bank account if not properly understood and managed. In the presentation, we will discuss the difference between the Formal and Informal bid processes, along with the potential pitfalls of each. We will then discuss the common specification components of each process. We will discuss warning signs of projects to avoid.

Speaker Bio: Christopher Boza is currently a consultant with over 40 years of experience in municipal tree management, park management, employee management, fiscal budget management, irrigation design, construction and management, landscape design, construction and maintenance management, capital project construction management, volunteer coordination, and inter-agency coordination.

**12:10 PM |** Lunch & Vendor Fair

**1:30 PM |** *Diagnosing and Treating Abiotic Issues*

Linda Chalker Scott, Professor and Extension Urban Horticulturist, WSU  
PREC

Abiotic stress can be caused by many environmental factors, most of which are related to lack of water in the leaves. It can also be caused by poor management practices, including improper soil preparation, improper planting techniques, and lack of aftercare. This seminar will present the symptoms associated with most environmental stresses and discuss how to treat – and more importantly avoid – conditions that put trees at increased risk of pest and disease problems.

Speaker Bio: Dr. Linda Chalker-Scott has a Ph.D. in Horticulture from Oregon State University and is an ISA-certified arborist and an ASCA consulting arborist. She is WSU's Extension Urban Horticulturist and a

Professor in the Department of Horticulture. She conducts research in applied plant and soil sciences, publishing the results in scientific articles and university Extension fact sheets. She is currently the editor for WCISA's *Western Arborist* magazine, the *Journal of NACAA*, and Editor-in-Chief for *Compost Science and Utilization*. She is also actively involved in enhancing the scientific literacy of her audiences by teaching them how to assess the credibility of information from print and online sources.

**2:30 PM|**

***Redwood Skywalk at Sequoia Park Zoo***

Scott D. Baker, Tree Solutions Inc., Seattle, WA with Assistance from Jim Campbell-Spickler, Eco-Ascension Research & Consulting

This talk will use the example of the skywalk to explore questions about tree-supported structures, their effect on the trees, and the surrounding ecosystem. This project was constructed in a city-owned park and zoo in Eureka, California. The idea was first raised in 2017 and I was asked to visit the site and discuss ideas with zoo staff and their planning team.

I have been working with tree-supported structures professionally for over 27 years. I was first approached by treehouse builders at a PNW-ISA field day event in 1997. The next year I helped found the World Treehouse Conference. Soon after I began to attend and teach at a conference sponsored by the Association for Challenge Course Technology. The ACCT is a well-organized professional organization formed by the people constructing ropes courses, zip lines, and other aerial events that are often attached to trees.