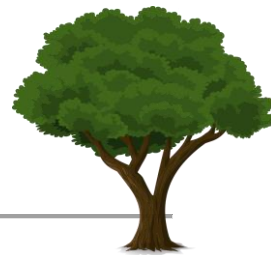


2023 Community Forestry Workshop

presented by Montgomery Township and Bartlett Tree Experts
November 3, 2023



Welcome Remarks:

Joseph Bayer, Arborist Representative
Bartlett Tree Experts - Dublin, PA

Mr. Bayer has been working in the landscape and tree care industry for over 15 years. After graduating from Temple University with a degree in Horticulture, he worked as a tree climber and plant health care specialist for a tree care company serving the main line and surrounding areas. Before joining Bartlett in 2018, Joe enjoyed caring for the grounds and athletic fields at a prestigious private academy where he served as the Grounds Superintendent. Joe is an International Society of Arboriculture Certified Arborist and a member of the Penn-Del Chapter of the ISA. He is a PA Certified Pesticide Applicator and member of the Professional Grounds management Society.

Encouraging a Safety Culture at Work:

Fred Fisher, Regional Safety Manager Northeast Region
Bartlett Tree Experts – Region 3 (NJ and PA)

Mr. Fisher has 31 yrs. experience in the green industry with 20 yrs. of tenure with Bartlett Tree Experts in the Safety and Training field helping to keep workers in the tree care industry better educated and working safely.

ISA Board Certified Master Arborist
Certified Tree Care Safety Professional through the TCIA
Certified Red Cross Instructor of First Aid and CPR
Certified Tree Risk Assessor through TCIA

Mr. Fisher will present developing a strong safety culture in the workplace including a discussion on the steps that can help everyone feel engaged with safety in the workplace.

Disease and Insect Update:

Emelie Swackhamer, Extension Educator
Penn State Extension.

Ms. Swackhamer is a Horticulture Extension Educator. She holds a B.S. degree in Plant Science from the Pennsylvania State University and a M.S. in Plant Pathology from the North Carolina State University. Her programs focus on the green industry including diagnosis of plant problems, plant identification and selection, estimating and bidding for landscape installation, green infrastructure and pesticide safety education.

Ms. Swackhamer will speak to the latest information coming out of the Penn State laboratories, usually supported by her first-hand experience. Ms. Swackhamer comes prepared with hands-on samples and encourages audience questions and answers.

PA Pesticide Regulatory Update:

***Emily Fricke, Region 7 Supervisor, Bureau of Plant Industry
Pennsylvania Department of Agriculture***

Ms. Fricke will address pressing concerns as identified by the PA Department of Agriculture when it comes to pesticides, pesticide applications and regulatory matters.

Roadside / Right of Way Management – Adaptive IVM: Not Just for Utilities:

***Stephen Hilbert, General Manager Technical Services
Asplundh Tree Experts***

Mr. Stephen Hilbert has nearly 20 years of experience working as an Arborist. His experience includes climber, plant health care technician and utility forester. Stephen is an ISA Certified Arborist and TRAQ qualified. He currently is a Manager in the Technical Services department at Asplundh Tree Experts, LLC providing education and training to Asplundh's field employees on Utility Vegetation Management.

Mr. Hilbert's discussion will address Integrated Vegetation Management deployment on miles and miles of Utility Right of Way Corridors. It has been proven to be a cost effective means to achieve vegetation management goals and provide benefits to all kinds of wildlife. This presentation will explore of that these goals can be achieved and the ability to scale IVM up or down to meet vegetation management needs or wildlife goals.

Mature Tree Risk Mediation / Care and Air Spade Demonstration:

***Neil Hendrickson, Retired
Bartlett Tree Research Laboratories***

Mr. Neil Hendrickson retired in 2019 from Bartlett Tree Research Labs where he served as their Northeast Technical Specialist for over 20 years, Neil is a NJ Licensed Tree Expert and is tree risk assessment qualified. He now serves as chair of the Readington Twp, NJ, Environmental Commission (and tree advisory committee), is a member of Readington Planning Board and Open Space Advisory Board, Hunterdon County Shade Tree Commission, and is on the board of the NJ Chapter of the ISA, and that of the NJ Shade Tree Federation. He received his BS in Forestry from Cook College/Rutgers University, his MS in Forest Science from the University of New Hampshire, and his PhD in Silviculture and Forest Ecology from the Yale School of Forestry and Environmental Studies.

Tree Risk Assessment has advanced considerably since the introduction of TRAQ (Tree Risk Assessment Qualification). Mature trees have different characteristics, such as structure and health, load factors, and defects, as compared to younger trees. This talk will discuss these differences, what the tree risk assessor needs to look for, and how to synthesize the observations into defensible mitigation options. The discussion will address the following topics:

- What is different about a mature tree?
- Important factors to consider in risk assessment of mature trees
- Mitigation – it's the tree owner's responsibility!
 - The arborist's responsibility – provide options, depending on risk rating
 - Further structural analysis?
 - Root flare excavation?
 - Remove, prune, cable, lightning protection, cultural care?
 - Residual risk

Storm Water Management / Rain Gardens:

***Ryan Beltz, Executive Director
Perkiomen Watershed Conservancy***

Mr. Ryan Beltz has been with the Conservancy since 2016. His goal is to provide opportunities for local residents to create meaningful connections with the green spaces around them. Whether in the form of conservation, education or recreation, the hope is that these opportunities inspire the communities of the watershed to invest both in the preservation and restoration of the Perkiomen Creek and its tributaries. Prior to his tenure with the Conservancy, Ryan worked as a land manager at Hawk Mountain Sanctuary, as an instructor of English at Alvernia University, as a ranger with the US Fish and Wildlife Service in Alaska and as a canoe guide on the Inside Passage. He holds two degrees in English.

Smart Phone Technology / Plant ID, Weather, Measuring Tool, Diagnostic Tools:

***Mike Sherwood, Director of Arboricultural Innovations and Integration
Bartlett Tree Laboratories***

Mr. Mike Sherwood is the Director of Arboricultural Innovations and Integration at the Bartlett Tree Research Laboratories in Charlotte, NC and has been with Bartlett since 1998. In his current role, he works with Bartlett Scientists on research projects and the evaluation of emerging technologies that pertain to the green industry. He also works with arboretum staff providing GIS support. Mike formerly managed The Bartlett Inventory Solutions Group at the Bartlett Tree Research Laboratories. This group provided tree inventory support using GIS and GPS. Mike has been involved in thousands of inventories and research projects across North America and United Kingdom. Mike is a Registered Consulting Arborist, ISA Board Certified Master Arborist and has a Bachelor of Science degree in Forest Resource Management from Clemson University. He also served eight years in the U.S. Army and South Carolina National Guard.

Mr. Sherwood will discuss the use and importance of technology in Arboriculture including smart phones and their associated apps including plant identification, weather, measuring and diagnostic tools.

Pruning Techniques Demonstration:

***Joe McGowan, Mid-Atlantic Division Trainer
Bartlett Tree Experts***