The Tree Preservation Course
State College, PA - Friday, March 20, 2020

Learn the keys for success in tree preservation
Consider trees as elements of design and not mere afterthoughts
Investigate root morphology and consider the critical root zones' impact on tree preservation.

Explore strategies for achieving balance between the tree environment and construction goals
Receive practical tips on implementing post-construction tree protection and preservation plans

Architects
6.5 HSW Continuing Ed. Hours
6.5 AIA LU|HSW

Professional Engineers
6.5 PDHs

Landscape Architects
6.5 HSW Clock Hours
6.5 LA CES HSW PDHs

Pennsylvania Landscape & Nursery Association Pending
International Society of Arboriculture Pending
Society of American Foresters Pending

Keys for Success in Tree Preservation
Workshop overview
Historical perspective from 1970 to today
What they don’t teach in Forestry School
Other things that don’t work
Taking a seat at the design table and other people skills
Understanding roles of client, design professional, contractor and arborist
Introduction to the (simple) four-step process
Life and death

Roots: Their Surprising Morphology and Patterns that Bust Myths and Common Thinking
Dr. Alex Shigo on roots
Myth busting: the graphic that started it all
(the world’s best tree preservation educational tool)
But how do we really know how applicable this is to my region/state?
How to be an expert on tree preservation
The First Annual National Capitol Root Appreciation Day
Root investigation studies for high profile sites: case studies

Allowing Trees to Become Elements of Design and Not Mere Afterthoughts
The critical root zone (CRZs)
Purposes of CRZs in tree preservation
Mistakes with CRZs
Project profiles in designing with trees
Overview of planning, design, and construction documents for tree preservation

Construction Strategy: Finding a Balance between the Tree Environment and Construction Goals
Asking the key question
Construction strategy project profiles

Implementation of Tree Protection
Blending technical solutions and people
The trouble with standard arborist crews and tree preservation projects
Project case studies

Post Construction: Who is There for the Trees Now?
Problems after the last sod is laid
Keys for survivability
Large tree transplanting overview
Q&A and discussion

You’ll be able to:
Identify the roles of the client, design professional, contractor and arborist in tree preservation.
Explore root morphology and its impact on tree preservation.
Define the critical root zones (CRZs), and learn how they influence tree preservation.
Consider tree preservation goals in planning, design and construction documents.
Evaluate strategies for achieving balance between the tree environment and construction goals.

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Agenda
Presented by Chris A. Cowles, MD RPF, ISA CA, TRAQ

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Additional Learning

Webinar Series

Foundations in Cold Regions
- Introduction to Foundations in Cold Regions
  Thurs., Feb. 20, 2020, 11:00 AM - 12:30 PM CST
- Shallow Foundation Design in Cold Regions
  Thurs., Feb. 20, 2020, 1:00 - 2:30 PM CST
- Deep Foundation Design in Cold Regions
  Fri., Feb. 21, 2020, 11:00 AM - 12:30 PM CST
- Foundation Construction in Cold Regions
  Fri., Feb. 21, 2020, 1:00 - 2:30 PM CST

Soil Mechanics and Slope Stability
- Soil Investigation and Classification
  Tues., Feb. 25, 2020, 11:00 AM - 1:00 PM CST
- Reviewing Hydraulic and Mechanical Properties of Soils
  Tues., Feb. 25, 2020, 1:30 - 3:00 PM CST
- Determining and Increasing Bearing Capacity
  Wed., Feb. 26, 2020, 11:00 AM - 1:00 PM CST
- Determining and Increasing Slope Stability
  Wed., Feb. 26, 2020, 1:30 - 3:00 PM CST

Continuing Education Credit Information

This seminar is open to the public. It offers up to 6.5 HSWS continuing education hours to architects (non-mandatory in PA) and landscape architects and 6.5 PDHS to professional engineers in most states, including Pennsylvania. Educators and courses are not subject to preapproval in Pennsylvania.

This seminar is approved by the American Institute of Architects for 6.5 LU|HSW (Provider No. JBB83) and the Landscape Architecture Continuing Education System for 6.5 HSW PDHS. Visit www.halfmoonseminars.org for complete AIA/CEES course information under this seminar listing. Only full attendance is reportable to the AIA/CEES and LA/CEES.

HalfMoon Education is an approved continuing education provider for New York, New Jersey, and North Dakota. HalfMoon Education is deemed an approved continuing education provider for New York architects, landscape architects, and professional engineers. HalfMoon Education has applied to the International Society of Arboriculture, the Pennsylvania Landscape and Nursery Association, and the Society of American Foresters for course approvals, which are pending. The status of these credits can be found at www.halfmoonseminars.org under this seminar listing.

This seminar offers a non-mandatory continuing education opportunity for construction contractors. It has not been reviewed by any state contractor licensing entity with a continuing education requirement.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed within 15 business days.

WEBINAR SERIES:
- Determining and Increasing Slope Stability:
  - Tues., Feb. 25, 2020, 11:00 AM - 1:00 PM CST
- Reviewing Hydraulic and Mechanical Properties of Soils:
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How to Register

- Mail-in or fax the attached form to 715-835-6066
- Visit us online at www.halfmoonseminars.org

For more information and other online learning opportunities visit: www.halfmoonseminars.org/webinars/

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