

WORKSHOP

Up By Roots: Healthy Soils and Trees in the Built Environment

Presented by James Urban

Up By Roots is a one-day workshop that highlights the principles of soil science and their use in facilitating the growth of healthy trees and developing water-efficient landscapes. This workshop includes lectures and field work intended to introduce the underlying scientific principles guiding tree biology and soil-water relations. It is only through a healthy respect for these guiding principles that one can effectively design, install, and manage soils and trees in the urban landscape.



James Urban, FASLA and ISA member, is a landscape architect with more than 30 years of experience in the field of urban development. Over the past three decades, Jim has routinely dealt with the challenge of planting

trees in difficult urban sites. Since 1982, he has researched and tested various methods of tree installation in the urban environment. Jim has developed applications for practicing arborists and landscape architects that include the testing of new urban tree systems and planting concepts, developing new approaches to landscape architectural design, and detailing and specifications in the area of trees and urban soils.



PACIFIC NORTHWEST CHAPTER
PNWISA Office
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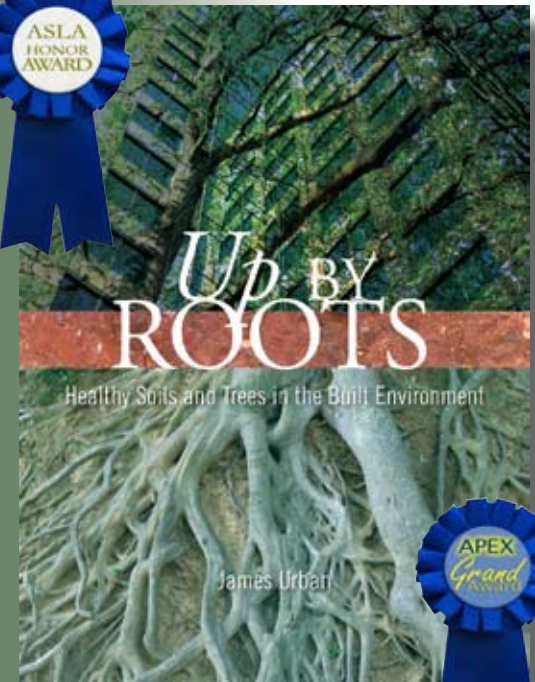


THE PACIFIC NORTHWEST ISA PRESENTS

7 ISA
CEUs/Course
Hours

UP BY ROOTS

HEALTHY SOILS AND TREES IN THE BUILT ENVIRONMENT



JAMES URBAN, FASLA

KELOWNA, BC – MARCH 23, 2010
LYNNWOOD, WA – MARCH 25, 2010



AGENDA

Soil Science and Tree Biology 8:30–10:15

This introductory session is an overview of the relationships among trees, soil, and water. Aspects of soil to be included in the discussion are: Physical Properties, Chemical Properties, Biological Properties, Interrelationships, Tree/Soil Relationships

Morning Break 10:15–10:30

Urban Soil Analysis 10:30–12:00

When working with urban soils field assessments of soil conditions are often necessary. Topics covered in this session include:

Traditional Analysis Tools, Non-Traditional Analysis, Tools–Reading the Landscape



Box Lunch 12:00–1:00

Field Walk and Soil Assessment 1:00–2:30

Attendees will walk to several sites where they will be introduced to the use of soil augers and other soil-assessment tools. Session topics include: Soil Profiles and Augers, Soil Bulk Density, Soil Color and Odor, Soil by Feel, and Reading the Landscape to Make Soil Determinations

Afternoon Break 2:30–2:45

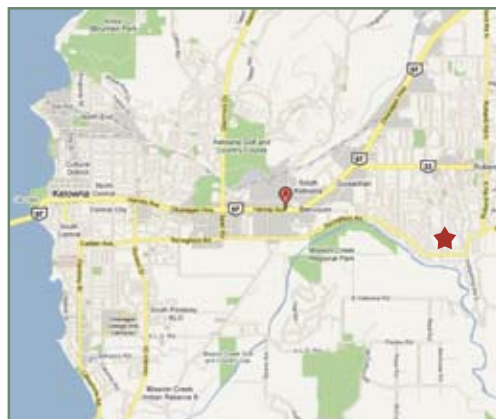
Practical Soil Applications 2:45–5:00

Suggestions to restore or improve soil functions will be discussed for the following situations: Drainage, pH, Soil Biology, Soil Fertility, Clay and Fine-grained Soils, Compaction, Salt

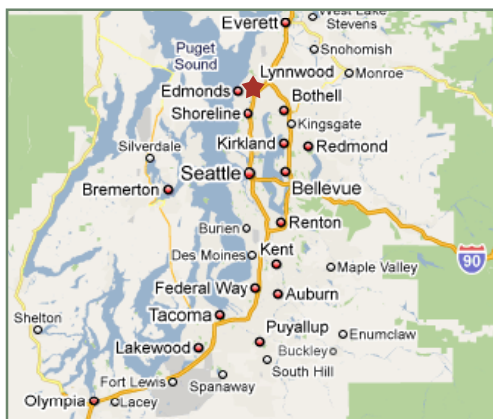
Hands-on demonstrations

LOCATIONS

MARCH 23, 2010
RAMADA HOTEL KELOWNA
2170 HARVEY AVENUE
KELOWNA, BC V1Y 6G8



MARCH 25, 2010
EDMONDS COMMUNITY COLLEGE
TRITON UNION BUILDING, ROOM 202
20000 68TH AVENUE WEST
LYNWOOD, WA 98036



REGISTRATION

Registration:

Registration fee includes workshop and lunch*. Participants have the opportunity to purchase a copy of Urban's Up by Roots: Healthy Soils and Trees in the Built Environment with their registration at a discounted price. Books will be picked up on the day of the workshop.

Registration discounts are available for all CSLA/ASLA, ISA and BCLNA members.

Pre-registration Pricing (register by March 5):

- Member with book \$245 US/\$285 CAD
- Member without book \$185 US/\$225 CAD
- Non-member with book \$265 US/\$295 CAD
- Non-member without book \$195 US/\$235 CAD
- Student with book \$110 US/\$145 CAD
- Non-member without book \$50 US/\$80 CAD

LATE registration pricing (member or non-member)

- with book purchase \$290 US/\$335 CAD
- without book purchase \$220 US/\$260 CAD

For workshop and registration information, visit:

<http://www.isa-arbor.com/conference/regionalMeetings.aspx>

Or e-mail:

Program Information

Andrew Koeser akoeser@isa-arbor.com

Registration and conference Information
[conferencereg@isa-arbor.com](http://www.isa-arbor.com/conferencereg)

Phone: (888) ISA-TREE

*Please note any special dietary requests when registering.

NOTE: Please call if you have special needs that may affect your participation in this event.

SIGN UP NOW!
limited seating available