Native Landscape Design for the Real World

18TH ANNUAL SYMPOSIUM
New Directions in the American Landscape
CEU’s available for Landscape Architects and Designers

For native design to succeed in the real world of invasive plants and disturbed sites, simply using native plants is not enough. Understanding the natural processes that direct vegetation change and developing a diverse toolbox of practical techniques based on these processes are crucial. This conference will illustrate these connections to help designers anticipate and respond to the real-world challenges of creating natural landscapes.

Sponsored By:
The Morris Arboretum of the University of Pennsylvania
Connecticut College Arboretum
New Directions in the American Landscape (NDAL)

Co-Sponsored By:
PA/DE Chapter of the American Society of Landscape Architects

LOCATIONS AND DATES

CT: Connecticut College
   New London, CT
   Day 1: Thursday, January 10, 2008
   Day 2: Friday, January 11, 2008

PA: Arboretum Villanova
   Villanova, PA
   Day 1: Wednesday, January 16, 2008
   Day 2: Thursday, January 17, 2008
DAY 1

CT: Thursday, January 10, 2008
PA: Wednesday, January 16, 2008

THE STAGES OF NATURAL SUCCESSION:
MODEL FOR DESIGN

All Meadows Aren't Created Equal:
A Diversity of Meadow Communities (1 hr.)
Dr. Roger Latham
We will look closely at twelve different eastern meadow communities, describing their distribution, environmental conditions, ecological processes and disturbance regimes. This presentation will help participants to more precisely design meadow and grassland plantings on their projects.

Shrublands: The Neglected Option (1 hr.)
Glenn Dreyer
Designers employ native shrublands for less than either meadows or woodlands. These landscapes can, however, add habitat diversity, create visual transition between meadow and woods, and provide the lowest maintenance landscape available. We will explore the plants, developmental processes and management techniques for establishing these underutilized landscapes.

Establishing Woodland:
Working with Natural Succession (1 hr.)
Dr. Marcha Johnson, ASLA
When does fostering the natural process of succession, which culminates in a forest community, make sense? This talk will discuss the ecological, aesthetic and practical considerations of this decision making process, as well as real world techniques for directing vegetation towards a healthy forest community.

THE DESIGN PROCESS:

Designs for a Changing Landscape (1 hr.)
William Young, ASLA
As practitioners incorporate natural succession and vegetation change into their work, design, implementation and management often becomes co-mingled. Mr. Young will illustrate the selection and arrangement of plants to foster particular management regimes, the creation of adaptive management specifications that provide flexible guidance in responding to future vegetative developments, and the planning of self-regenerative landscapes that encourage the natural recruitment of additional native plants.

Native Plant Composition (1 hr.)
Larry Weaner
Naturalistic landscape designs can walk a fine line between graceful and ungainly. In this presentation we will discuss the fine points of arranging native plants in a manner that truly reflects nature's patterns and processes, yet falls within the parameters of our clients' aesthetic expectations.

Social Hour: Complimentary cocktails and hors d'oeuvres

DAY 2

CT: Friday, January 11, 2008
PA: Thursday, January 17, 2008

IN THE FIELD:

Rare Habitats in Unlikely Places (1 hr.)
Joseph Hovis
Despite extensive human disturbance, the National Guard Training Center in Fort Indiantown Gap, Pennsylvania contains a diverse complex of high quality, and rare plant communities. Mr. Hovis will discuss the surprising reasons for this occurrence, and how the lessons learned have generated innovative management regimes at other locations.

Creative Approaches to Invasive Plant Control (1.5 hr.)

Brian O'Neill: The Selective Use of Herbicides
Michael Nadeau: Non-chemical Weed Control
In native design, practitioners must consider the control of noxious weeds during site preparation and post planting management. In this joint presentation we will look at two different approaches to invasive plant control, a crucial aspect in the establishment of native landscapes.

Herbicides: The Elephant in the Landscape (1 hr.)
Brian O'Neill, Larry Weaner, Michael Nadeau
This panel discussion will focus on the pros & cons of herbicide use in native design and restoration.

Creating Bird Habitat: Fact and Fiction (1 hr.)
Dr. Stephen Kress
This presentation will go beyond a catch-all approach to the creation of bird habitat, and discuss how understanding the co-evolution of native plants and birds can inform decisions on attracting specific species types. He will also discuss water features that are designed specifically for birds, and special nesting structures, platforms, and boxes for cavity nesters.

CLOSING ADDRESS:

Nature in Metro Areas:
Exploring the Possible (1 hr.)
Dr. Rutherford H. Platt
While small in overall size, urban and suburban landscapes actually consume a large percentage of our efforts as designers. In this presentation we will illustrate how much can be accomplished, both environmentally and experientially. In these limited and highly disturbed settings,
Goals of the New Directions in the American Landscape Series

- Programs organized as a cohesive curriculum
- Speakers with high levels of expertise and ample time to cover their topics
- Emphasis on innovative practices, both new and re-discovered
- Multi-disciplinary presenters, including designers, horticulturists, ecologists, botanists, agriculturists, entomologists, anthropologists, historians and artists
- Opportunities for a lively exchange of ideas among participants

Some Comments from Last Year's Attendees

"Excellent practical information. Found to be very useful and inspiring for my work."

"Very insightful and thought provoking."

"It was fabulous! Inspiring, integrated, and educational."

"One of the best, most informative, most eye-opening talks I have heard in years."

Fee Per Person: $295 includes continental breakfast, lunch and breaks
Student Rate: $165 includes continental breakfast, lunch and breaks
(Students must enclose copy of student ID with registration and present ID at conference)

Map and symposium schedule will be sent with confirmation.
Registration will be refunded only when notification is received no later than 7 working days prior to event.

For More Information Call: PA: (215) 247-5777 Ext. 156, Fax: (215) 247-7862 CT: (860) 439-5020, Fax: (860) 439-5482
Hotel Accommodations: PA: Hampton Inn, Plymouth Meeting (800) HAMPTON Mention Landscape Symposium
CT: Holiday Inn of New London (860) 442-0631 Mention Landscape Symposium

REGISTRATION FORM

Make checks payable and tax or mail registration forms to:
PA: Morris Arboretum, Educ. Office
100 Northwestern Avenue
Philadelphia, PA 19118
CT: The Connecticut College Arboretum
Box 5201 - Connecticut College
270 Mohegan Avenue
New London, CT 06320-4196

Name(s)__________________________________________
Company________________________________________
Address__________________________________________
E-Mail Address____________________________________

□ Optional Dinner Jan. 11. (CT Only) - $32.00 □ Please do not include me on attendees list

If paying by Credit Card: Name as it appears on card
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□ VISA □ M/C □ AE Card No.______________________________
□ Diners Club □ Discover Exp. Date:_________________ 3-Digit Code imprinted on back of credit card:_________________
SPEAKER PROFILES

Glenn Dreyer is the Charles and Sarah P. Becker '27 director of the Connecticut College Arboretum in New London. He is also an adjunct associate professor of botany at Connecticut College, and serves on the Connecticut Urban Forest Council and the Connecticut Tree Protection Examining Board. He is the author of the book, Connecticut’s Notable Trees, and numerous popular and professional articles.

Joseph Havis is the wildlife biologist supervisor at the Department of Military and Veterans Affairs and has been wildlife program manager for the Pennsylvania National Guard for the past eight years. He conducted his master's research on the effects of forest management and landscape patterns on the abundance, productivity, and survivability of Swainson's thrush and the western tanager in west-central Idaho.

Dr. Marco Johnson, ASLA, is a registered landscape architect with New York City Parks and Recreation, specializing in ecological restoration and the design of post-industrial urban waterfront parks. She is also an adjunct professor in the Masters of Landscape Architecture Program at City College of New York and a long-standing executive board member of ASLA's New York Chapter. Her recent book, "Designing the Edge", uses Harlem River Park as a prototype to explore innovative solutions for urban shorelines.


Dr. Roger Latham is a full-time consultant who conducts applied research and planning for the National Park Service, The Nature Conservancy, The National Audubon Society, The Nature Conservancy, The Nature Conservancy, The Nature Conservancy, and other wildlife restoration and management organizations. He has served as Pennsylvania Director of Science and Stewardship for The Nature Conservancy and as an assistant professor in the Department of Biology at Swarthmore College.


Brian O'Neil is the president of Weeds, Inc., a company that specializes in industrial and invasive weed control throughout the eastern and midwestern United States. It focuses on site preparation and invasive weed control for the Department of Interior, as well as various land trusts, municipalities, and homeowners. He is a frequent lecturer on the topic of refined weed control techniques.

Dr. Rutherford H. Platt is a professor emeritus of geography at the University of Massachusetts, Amherst, and is Senior Fellow at the Institute for Sustainable Cities, City University of New York. In addition, he directs the Ecological Cities Project, a national program of research and outreach based in Northampton, Massachusetts. His most recent book is The Humane Metropolis: People and Nature in the 21st Century City. He is also the author of Land Use and Society: Geography, Law, and Public Policy and Disasters and Democracy: The Politics of Extreme Natural Events.

Larry Weaner founded Larry Weaner Landscape Design Associates in 1982, a firm that combines environmental science and garden design. Larry is active as a guest lecturer and instructor for numerous horticultural and environmental organizations throughout the United States and is a past board member and Environmental Committee chair of the Association of Professional Landscape Designers. Larry also developed New Directions in the American Landscape (NDAL) in 1990, a conference series dedicated to the study of natural landscape design.

William Young, ASLA, runs the New Jersey office of Biohabitats, a national ecological restoration firm. He has created wildlife habitat and wetlands in some of the most disturbed urban sites in New York, Florida, and New Jersey. He currently teaches at the University of Pennsylvania Graduate School of Design, and lectures frequently throughout the United States.