

The Ecological Landscaping Association presents:

Register online at
www.ecolandscaping.org

Sustaining the Living Landscape

February 26 & 27, 2014 MassMutual Center, 1277 Main Street, Springfield, MA

Wednesday Night Keynote

Dr. John Todd

Internationally recognized biologist and author offers new insights into ecological design and living technologies for water treatment.



Join in at the ELA Conference & Eco-Marketplace and

- Delve into design details
- Expand your ecological knowledge
- Discover new products and services
- Build your professional networks

Visit www.ecolandscaping.org to register online or to review the full brochure.



General Information


Online Registration

Visit www.ecolandscaping.org to register online!

Contact Information

Visit www.ecolandscaping.org for general information and conference details or call Penny Lewis at 617-436-5838.

Continuing Education Credits

Pesticide credits have been requested from the six New England states, NY and PA. CEU credits have been requested from APLD, ASLA, ISA, LA CES, MAA, MLP, MNLA, , NOFA OLCP, and others.

On-site Registration

Register at the event: February 26 and 27.

Hotel: Rooms at the Springfield Marriott are available to participants for \$109 per night. Reservations will be taken no later than February 14, 2014. Register online or call (413) 781-7111 or 800-228-9290 and specify the ELA group promotional code: ECOECO. The discount is NOT available at check-in.

ELA Bookstore

Open throughout the ELA Conference. Your bookstore purchase helps to support ELA educational programs.

Meals

General registration includes Continental breakfast and lunch on Wednesday and Thursday. The Wednesday evening keynote lecture includes a plated dinner and requires separate registration.

Cancellation Policy

To receive a refund, your request must be received prior to February 15, 2014. A \$60 handling fee will be deducted. No refunds will be made after that date unless the conference is cancelled. For recorded cancellation information call (617) 436-5838.

Disclaimer

ELA is a facilitation organization. Responsibility for the information and any views expressed lies entirely with the participating company or individual expressing that information or view. The views expressed or products offered by participating companies or individuals do not necessarily reflect the official position of ELA and are not necessarily endorsed by ELA or its sponsors.

Consent, Waiver of Liability, and Release

When you enter the ELA Conference, you will be entering an area where photography, video, and audio recording may occur. By registering and attending the event, you:

1. Consent to the use of photography, audio recording, video recording and its/their release, publication, exhibition, or reproduction for news, webcasts, promotional purposes, telecasts, advertising, inclusion on websites, or any other purpose by ELA and its affiliates and representatives without payment/royalties or inspection/approval of materials;
2. Waive any claims you may have arising out of such activities; and
3. You release ELA, its officers and employees, and each and all persons involved from any liability connected with the taking, recording, digitizing, or publication of photographs, computer images, video and/or sound recordings.



Sustaining the Living Landscape

The 20th Annual ELA Conference & Eco-Marketplace
February 26 & 27, 2014 at the MassMutual Center in Springfield, MA



Sustaining the Living Landscape

ELA's 20th Annual Conference & Eco-Marketplace
February 26 & 27, 2014

As we observe increasing pressures and changes in the landscape, it is ever more critical for us to preserve and protect our resources and help sustain local ecosystems. At this year's ELA Conference, we will explore topics ranging from soil structure and biology to veteran tree health as we look for ways to design, build, and maintain more resilient landscapes.

Immerse yourself in this two-day exploration of ecological concepts that support living landscapes.

Intensive Workshops: February 26th

Maintaining Tree Health

From supplying food to providing air and water benefits, trees perform functions vital to human existence. How do we, in turn, sustain our tree populations and ensure enduring ecosystem functions? Travis Beck, Michael Phillips, and Christopher Roddick will share their experience and expertise on how to maintain tree health through better soil management, how to design plant communities for long-term succession, and how to care for veteran trees.

Soil: the Base Layer of Ecological Health

We've heard it said a hundred times, "It's all about the soil." But what is it we need to know about soil? Today's speakers will address the importance of understanding soil structure and biology, describe how to build and preserve healthy soils, and discuss what techniques can be used to remediate degraded soils. They will take you beyond the basics, enabling better stewardship of this critical resource.

Wednesday, February 26
Keynote Dinner

Healing the Waters: A Tale of Ecology and Living Technologies

Purifying and protecting water is a critical challenge for humanity. Dr. John Todd will discuss how "living technology," based on understanding and utilizing ecosystem processes, can be used to treat wastes, purify water, and restore polluted habitats while at the same time generating fuel and producing foods. Using his Eco-Machines™ as an example, Dr. Todd will describe how this technology, designed and engineered to replicate the functions of natural ecosystems, uses diverse species from all kingdoms of life to treat wastes and restore waters. As self-sustaining systems that rely primarily on sunlight, these living systems have the ability to function for long periods of time and be carbon neutral. Their widespread adoption and application throughout the world will be explored as well.

Dr. John Todd is an internationally recognized biologist, inventor, and author of over 200 articles on biology and planetary stewardship as well as a number of books, including *The Village as Solar Ecology*, *Tomorrow Is Our Permanent Address*, *Reinhabiting Cities and Towns: Designing for Sustainability*, and *From Eco-Cities to Living Machines*.

Wednesday, February 26th
End-of-Day Panel Discussion
Seeing the Forest for the Trees

Trees not only provide us with food, lumber, and fuel, they also perform vital ecosystem functions that are not visible or tangible and therefore not easily recognized. How do we as land care practitioners preserve this necessary "green infrastructure" and protect our trees, forests, and plant communities from increasing stressors such as climate change, forest fragmentation, invasive plants, and new pests and diseases? How do we get others to realize the urgent need for action and change? Join the discussion as our panelists offer local perspectives on the global issue of sustaining trees and forests into the future.

Dr. Nina Bassuk, Urban Horticulture Institute, Cornell University; **Travis Beck**, Mt. Cuba Center; **Michael Phillips**, Lost Nation Orchards; and **Christopher Roddick**, Brooklyn Botanic Garden



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February 26, 2014 Conference Intensive Workshops

Maintaining Healthy Trees

8:00am

Registration and Eco-Marketplace open;
Continental Breakfast

9:00am–10:30am

Caring for Veteran Trees

Christopher Roddick, Brooklyn Botanic Garden

11:00am–1:00pm

Using Fungal Dynamics to Improve Plant Health

Michael Phillips, Lost Nation Orchards

1:00pm–2:00pm

Lunch & Networking

2:00pm–3:30pm

Designing Plant Communities with Succession in Mind

Travis Beck, Mt. Cuba Center

Soil: the Base Layer of Ecological Health

9:00am–10:30am

Soil Structure and Function: Understanding the Biological, Physical, & Chemical Properties of Soil
Dr. John Swallow, Pine & Swallow Environmental

11:00am–1:00pm

Remediating Compromised Soil

Dr. Nina Bassuk,
Urban Horticulture Institute, Cornell University

2:00pm–3:30pm

Optimizing Soil Health

Mark Highland, Organic Mechanic Soil Company

End-of-Day Panel Discussion

4:00pm–5:30pm

Seeing the Forest for the Trees

Dr. Nina Bassuk, Urban Horticulture Institute,
Cornell University; Travis Beck, Mt. Cuba Center;
Michael Phillips, Lost Nation Orchards; and
Christopher Roddick, Brooklyn Botanic Garden

"After Hours"

5:30pm–6:30pm

Hors d'oeuvres, cash bar, and music. Take a moment to network and energize before dinner and the keynote.

6:30pm

Eco-Marketplace closes for the day

6:30pm–8:30pm

Dinner and Keynote

Healing the Waters: A Tale of Ecology and Living Technologies

Dr. John Todd, internationally recognized biologist and author, offers new insights into ecological design and living technologies for water treatment.

February 27, 2014 Conference Sessions & Idea Exchange

Conference Sessions

7:30am

Registration and Eco-Marketplace open;
Continental Breakfast
Hands-on green roof workshop and demonstration.

8:30am–10:00am

Ecosystem Connections: Maintaining the Plant-Insect Balance

Michael Phillips, Lost Nation Orchards

Designing for Threatened and Endangered Wildlife Species

Dan Jaffe, New England Wild Flower Society
and Scott Smyers, Oxbow Associates, Inc.

10:30am–12:00pm

Biological Control of Invasive Pests

Dr. Richard Casagrande, University of Rhode Island

Designing Productive and Resilient Landscapes

Keith Zaltzberg, Regenerative Design Group

12:00pm–1:30pm

Lunch & Networking

1:30pm–3:00pm

Strategies for Long-term Invasive Plant Management

Theresa Sprague, BlueFlax Design

The Role of Plants in City Beautification

Lynden B. Miller, Conservatory Garden in Central Park

4:00pm

Eco-Marketplace closes

3:30pm–5:00pm

Rainwater as a Resource –

Don't Drain the Rain!

Ann English, DEP, Montgomery County, MD

Performance-based Landscapes: Shoemaker Green

Emily McCoy, Andropogon Associates

Idea Exchange: Jump In!

8:30am–10:00am

Transitioning to Organic Lawns and Ecological Turf

Phil Haynes, Clean Air Lawn Care; Mary Owen, UMass, Extension Turf Program; John Tycz, Go Organic;
ELA Moderator: Trevor Smith, Land Escapes

10:30am–12:00pm

Designing Residential Landscapes for Clients in Transition

Michael George, Gartenart; Rebecca Lindenmeyr, Linden L.A.N.D. Group; Amanda Sloan, Landscape Architect;
ELA Moderator: Mark Richardson, New England Wild Flower Society

1:30pm–3:00pm

Changing Ecosystems: Dealing with Drought

Travis Beck, Mt. Cuba Center; Kate Venturini, URI Outreach Center; Claudia West, North Creek Nurseries; Tony Will, Read Custom Soils;
ELA Moderator: Toby Wolf, Wolf Lighthall

3:30pm–5:00pm

Changing Ecosystems: Insect and Disease Threats

Dr. Richard Casagrande, URI; Dr. Jennifer Forman Orth, MA Dept. of Agr. Resources; Camilla Worden, Camilla Landscape Design, LLC
ELA Moderator: Kevin Staso, North Creek Nurseries

5:00pm 2014 Conference Concludes



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February 26, 2014 Wednesday Intensive Workshops

9:00am–10:30am

Maintaining Tree Health

Caring for Veteran Trees

Christopher Roddick, Brooklyn Botanic Garden

Veteran trees have very high conservation value as habitat, providing food, shelter, and water for an array of wildlife, as well as offering a home for lichen and epiphytic plants. Veteran trees also play a vital role in providing air and water quality benefits as it can take 25 to 30 years before a newly planted tree develops the features that perform these services. **Mr. Roddick** will discuss how treatment of veteran trees differs from that of juvenile trees and how to modify care depending on age and condition of the tree. This session will cover specialty soil treatments, retrenchment pruning, returning dead wood and trees back into the landscape, and other practices designed to maintain the structural and biological health of veteran trees.

Soil: the Base Layer of Ecological Health

Soil Structure and Function: Understanding the Biological, Physical, and Chemical Properties of Soil

Dr. John Swallow, Pine & Swallow Environmental

Dr. Swallow will discuss the complexity of soil ecosystems with an emphasis on the biological, physical and chemical properties of soil. Topics addressed will include: the soil food web, soil composition and structure, cation exchange capacity, soil water, pH, and air fluxes, the role of microbes in soil development, and the interaction between soil's biological communities. The presentation will be enhanced by an array of images ranging from microbial soil organisms to results of grass growth testing.

11:00am–1:00pm

Maintaining Tree Health

Using Fungal Dynamics to Improve Plant Health

Michael Phillips, Lost Nation Orchards

Fungal diseases of plants, such as late blight or powdery mildew, occur when an opportunistic organism overtakes the defense system of that plant. **Mr. Phillips** will discuss how the organic grower can use and encourage beneficial fungi and bacteria to help plants compete against such diseases. He will show how, though the use of pure Neem oil, fish fertilizers, added microbes, and fermented herbal brews, we can reduce the use of the "Old School Organic" mineral fungicides and bring natural healing back to plants.

Soil: the Base Layer of Ecological Health

Remediating Compromised Soil

Dr. Nina Bassuk, Urban Horticulture Institute, Cornell University

Many of us in the green industries understand that soils are fundamental to built environments. However, for most landscape projects, soils have been significantly altered, affecting structure, pH, drainage, and the overall ability of soils to successfully support plant growth. **Dr. Bassuk** will summarize over a decade of site-specific research associated with engineered soil for use under pavements and with mechanical remediation of soil with compost and mulch.

2:00pm–3:30pm

Maintaining Tree Health

Designing Plant Communities with Succession in Mind

Travis Beck, Mt. Cuba Center

In nature, plants grow in communities and these communities change over time. By understanding the nature of succession and designing plant communities deliberately, we can create successful, evolving landscapes that endure over time. **Mr. Beck** will discuss contemporary ecological views on plant communities and succession, their application to the designed

landscape, and recent projects at Mt. Cuba Center, Hockessin, DE, that put these ideas into practice.

Soil: the Base Layer of Ecological Health

Optimizing Soil Health

Mark Highland, Organic Mechanic Soil Company

Managing soil health is an essential part of gardening. How does soil management affect soil biology and plant growth? How can proper soil management provide greater environmental benefits? Is there such a thing as organic soil? **Mr. Highland** will discuss how careful soil management can increase the mineral content and biological power of both landscape soil and potting soil and how these soil improvements reduce plant susceptibility to pests and diseases and reduce the need for irrigation.

4:00pm–5:30pm

Maintaining Tree Health

End-of-Day Panel Discussion: Seeing the Forest for the Trees

Trees not only provide us with food, lumber, and fuel, they also perform vital ecosystem functions that are not visible or tangible and therefore not easily recognized. How do we as land care practitioners preserve this necessary "green infrastructure" and protect our trees, forests, and plant communities from increasing stressors such as climate change, forest fragmentation, invasive plants, and new pests and diseases? How do we get others to realize the urgent need for action and change?

Join the discussion as our panelists offer local perspectives on the global issue of sustaining trees and forests into the future.

Dr. Nina Lauren Bassuk, Urban Horticulture Institute, Cornell University; Travis Beck, Mt. Cuba Center; Michael Phillips, Lost Nation Orchards; and Christopher Roddick, Brooklyn Botanic Garden

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Dinner Keynote

Healing the Waters: A Tale of Ecology and Living Technologies

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February 27, 2014 Conference Sessions & Idea Exchanges

8:30am–10:00am

Ecosystem Connections: Maintaining the Plant-Insect Balance

Michael Phillips, Lost Nation Orchards

Promoting healthy ecosystems is an important part of landscape stewardship. To achieve this goal, it is essential that our landscaping practices support the interdependent relationship between plants and insects. **Mr. Phillips** will discuss the importance of encouraging plant diversity when creating habitats that sustain beneficial insects and discourage insect pests. He will also discuss how approaching the system as a whole versus treating only the immediate threats helps to maintain a balanced plant-insect ecosystem.

Designing for Threatened and Endangered Wildlife Species

Dan Jaffe, New England Wild Flower Society and Scott Smyers, Oxbow Associates, Inc.

From design techniques to plant species choices, this collaborative session will explore ways in which you can enhance the landscape to encourage the success of local threatened and endangered wildlife.

Mr. Smyers will discuss the importance of including experienced biologist on the project team, how to create or select appropriate contours and soil surfaces, and the necessity of multiple seasons of monitoring to determine the successes and failures of each project. **Mr. Jaffe** will describe how specific native plant species provide essential food and habitat to support native wildlife and how to incorporate these plants into your designs.

Idea Exchange

Transitioning to Organic Lawns and Ecological Turf

Looks are everything, so how do we convince homeowners to let go of their manicured, high input lawns and transition to organic or more ecological practices for their yards? Once convinced, how do we keep their lawns looking good with less irrigation and with less or no chemicals? Learn from experts and share your experiences on soil and turf management, the

effectiveness of compost tea and other organic amendments, and about setting realistic client expectations as you wean their lawns off chemicals.

Panelists: Phil Haynes, Clean Air Lawn Care; Mary Owen, UMass Extension Turf Program; John Tycz, Go Organic
ELA Moderator: Trevor Smith, Land Escapes

10:30am–12:00pm

Biological Control of Invasive Pests

Dr. Richard Casagrande, University of Rhode Island

Invasive insects and weeds threaten forests, landscapes, and agricultural enterprises and affect all of us, much as the chestnut blight and Dutch elm disease affected communities in decades past. In New England, the emerald ash borer is already established, the hemlock woolly adelgid and winter moth are expanding their ranges, and the brown marmorated stink bug and spotted wing drosophila have made an appearance. Invasive plants are changing natural and managed landscapes in our area. **Dr. Casagrande** will show us how to easily identify specific invasive species and what biological controls and other management options are available to control both existing and new insect pests and weeds.

Designing Productive and Resilient Landscapes

Keith Zaltzberg, Regenerative Design Group

Mr. Zaltzberg will discuss using naturalistic planting patterns to incorporate concepts of ecological restoration into more traditional landscapes designed solely for beauty or function. He will also talk about the importance of using a diversity of species, including edibles, to protect and restore natural systems and how this can also enhance the aesthetics, productivity, and functionality of our landscapes.

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February 27, 2014 Conference Sessions & Idea Exchanges

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Idea Exchange

Designing Residential Landscapes for Clients in Transition

Life transitions, such as aging or having children, often result in clients needing to redesign their landscapes – perhaps to create play areas or to reduce landscaping that requires more intensive maintenance. Come join our panelist and other professionals to discuss the trends you're seeing in the industry. Do these "new" client needs create more job opportunity that you are able to capitalize on? Share your ideas and observations on how to meet the needs of clients in transition and the tools you use to help "sell" your solutions.

Panelists: Michael George, Gartenart; Rebecca Lindenmeyr, Linden L.A.N.D. Group; Amanda Sloan, Landscape Architect
ELA Moderator: Mark Richardson, New England Wild Flower Society

1:30pm–3:00pm

Strategies for Long-term Invasive Plant Management

Theresa Sprague, BlueFlax Design

Land management professionals, designers, property owners, conservation commissions, and land trusts struggle with how to manage invasive plants. **Ms. Sprague** will discuss how setting realistic goals, developing a timeline based on plant phenology, and following up with plant restoration to prevent re-colonization by invasive plants are critical to successful long-term control. She will also discuss when and what to plant to help ensure a successful invasive species management project.

The Role of Plants in City Beautification

Lynden B. Miller, Conservatory Garden in Central Park

Based on her 30 years of designing public urban green spaces, Ms. Miller will share her experiences restoring and designing many previously neglected and avoided public spaces in New York City, including Manhattan's Bryant Park. She will speak about design intent as well as how landscaping can soften and civilize city life by

providing people with a connection to nature. She will show the "befores" and "afters" of various projects around the city, discuss how these projects were funded, and demonstrate the positive effects they have had on city life. She will also address the importance of maintenance and adequate funding for all public open spaces.

Idea Exchange

Changing Ecosystems: Dealing with Drought

Many parts of the country are seeing more severe and frequent droughts often followed by heavy rainfall and flooding. Weather extremes stress plants and result in soil erosion and bank wash-outs. What climate-related changes in the landscape are you observing and how can we protect the landscape from the effects of these weather-related changes? Are compost mulches and vegetation adequate to protect soil from erosion and to stabilize slopes and riverbanks? Are there plants we can use that tolerate both drought and inundation? Can our design choices help? Come share your questions, challenges and solutions and brainstorm with others who are dealing with these same issues.

Panelists: Travis Beck, Mt. Cuba Center; Kate Venturini, URI Outreach Center; Claudia West, North Creek Nurseries
ELA Moderator: Toby Wolf, Wolf Landscape Architecture

3:30pm–5:00pm

Rainwater as a Resource – Don't Drain the Rain!

Ann English, DEP, Montgomery County, MD

RainScapes is a term used for a site-specific approach that encourages people to view rainwater as a resource to be captured and used for their landscape watering needs. **Ms. English** will discuss the specifics of this unique approach now being used in Maryland, the larger landscape benefits of such a program, and how the program encourages participation through cash back incentives. She will also discuss administration of the program, information

gathering and tracking for use in determining costs, amount of runoff controlled, and other factors to be reviewed in order to expand and improve the program.

Performance-based Landscapes: Shoemaker Green

Emily McCoy, Andropogon Associates

Shouldn't our landscapes do more than simply look good? **Ms. McCoy** will discuss performance-based landscapes within an urban and institutional setting by focusing on the University of Pennsylvania's Shoemaker Green project. As a SITES pilot project, the design goals were to improve water, soil, vegetation, materials, as well as human health and well-being. Achieving these goals required a thorough understanding of natural systems and how they function in the built environment. Ms. McCoy will discuss lessons learned from the project, how to set up a monitoring program for landscape projects, and how landscape performance can be maximized in an urban setting.

Idea Exchange

Changing Ecosystems: Insect and Disease Threats

Managing pests and plant diseases is an essential part of landscape maintenance. This Idea Exchange offers a chance for you and our panelists to share information on new insects and disease that are showing up in the Northeast and to address strategies and methods of treatment. What new problems are you experiencing? Do you have strategies that others should know about? Can design decisions help us avoid or reduce these threats? Share your observations and experiences and hear what the experts think.

Panelists: Dr. Richard Casagrande, URI; Dr. Jennifer Forman Orth, MA Dept. of Ag. Resources; Camilla Worden, Camilla Landscape Design, LLC
ELA Moderator: Kevin Staso, North Creek Nurseries



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Speaker Biographies

Dr. Nina Bassuk has been a professor and program leader of the Urban Horticulture Institute at Cornell University for the past 30 years. She is a member of the Executive Committee of the New York State Urban Forestry Council. In addition, Dr. Bassuk co-authored *Trees in the Urban Landscape*, a text on establishing trees in disturbed and urban landscapes, and has written hundreds of papers on the physiological problems of plants growing in urban environments, improved plant selections for difficult sites, soil modification (including the development of CU-Structural Soil), and transplanting technology.

Travis Beck is Director of Horticulture at Mt. Cuba Center in northern Delaware. He is a registered landscape architect with a master's degree in horticulture, a certified permaculture designer and a LEED Accredited Professional. He is the author of *Principles of Ecological Landscape Design*, published in 2013 by Island Press.

Dr. Richard A. Casagrande joined the faculty at the University of Rhode Island in 1976. Since then, he has pursued a career in biological control and a serious hobby in ornamental horticulture. At URI, he serves as Integrated Pest Management coordinator and teaches courses in pest management, biological control, and basic entomology and also directs biological control programs on select insect and weed pests of New England.

Ann English, RLA, ASLA, LEED AP BD+C, is the RainScapes Program Coordinator in the Department of Environmental Protection (DEP), Montgomery County, MD. She holds degrees in Architectural and Social History (U. Penn), Regional Planning (Penn State) and Landscape Architecture (University of Georgia). For Montgomery County DEP, Ms. English was responsible for the successful expansion of the RainScapes Rewards incentive rebate program. At the same time, she worked to develop technical and educational storm water education resources for general audiences, started the RainScapes for Schools program, and created a training program for landscape professionals.

Mark Highland received his M.S. from the Longwood Graduate Program, focusing on compost and potting soil. After the Longwood Graduate Program, Mark started The Organic Mechanic Soil Company, LLC. As a frequent guest on NBC's *The 10! Show*, he showcased the joy of gardening. Mr. Highland is also an approved consultant for the EPA and the Institute for Local Self-Reliance, working to educate farms and businesses on foodwaste composting.

Dan Jaffe is a propagator and stock bed grower at New England Wild Flower Society. Prior to that, he earned a degree in botany from the University of Maine, Orono, as well as an advanced certificate in Native Plant Horticulture and Design from New England Wild Flower Society. After interning at Garden in the Woods, Mr. Jaffe worked for a year as Plant Sales Coordinator at the Garden.

Emily McCoy, Director of Integrative Research, at Andropogon Associates reviews past and present landscape interventions in order to integrate the best scientific knowledge and the most effective design solutions into future projects. Ms. McCoy's recent projects include Panther Hollow Watershed Restoration, New England Wildflower Society's Garden in the Woods Master Plan, St. Elizabeth's Ecological Master Plan, and the University of Pennsylvania's Shoemaker Green. Ms. McCoy holds a Master of Landscape Architecture and a B.S. in Ecology. She is an instructor for Temple University's Master of Landscape Architecture program.

Lynden B. Miller is the director of The Conservatory Garden in Central Park and has designed many gardens and parks in the five boroughs of New York. Ms. Miller received the Distinguished Alumnae Award from Smith College in 1999, which described her as one "who uses the beauty and enchantment of public gardens to instill new pride in communities and change the personal and public experience of urban life." Ms. Miller's new book, *Parks, Plants, and People: Beautifying the Urban Landscape* won the American Horticultural Society 2010 National Book Award.

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Speaker Biographies

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Michael Phillips is known across the country for helping people grow healthy fruit. The “community orchard movement” that he helped found provides a full immersion into an holistic approach to orchard growing. His Lost Nation Orchard is part of a medicinal herb farm in northern New Hampshire. Mr. Phillips is author of several books, including *The Holistic Orchard*, which recently received Garden Book of the Year honors from the American Horticultural Society, and *Apple Grower*.

Christopher Roddick is the Head Arborist and Foreman of Grounds at the Brooklyn Botanic Garden. For over 20 years, he has developed the garden’s tree care program and established the BBG as a leader in Conservation Arboriculture and veteran tree care. Mr. Roddick consults with landscape architects, designers, and private clients on mature tree preservation, tree risk assessments, and tree protection in construction and development sites. He is the author of the *Tree Care Primer* a guide to care for young, mature, and veteran trees. When he’s not working in Brooklyn, he is often on an expedition, traveling to the Neo-Tropical forests where he conducts canopy research as a climber and project coordinator.

Scott Smyers is a Senior Scientist at Oxbow Associates, Inc., a wetlands and wildlife consulting company specializing in rare amphibian and reptile study and mitigation. He received his M.S. from the University of Louisiana and has studied the behavior and ecology of amphibian and reptile species native to the eastern United States for more than 17 years. Mr. Smyers has provided consultation services for projects such as residential developments, utility easements, roadway improvements, airport expansions, and development within military facilities to address concerns regarding wetlands and rare wildlife.

Theresa Sprague owns BlueFlax Design and works directly with property owners and conservation commissions on invasive species management and restoration projects throughout Cape Cod. Prior to forming her own company, Ms. Sprague was responsible for coordinating restoration projects from design through construction. She holds a M.S. in Ecological Design from The Conway School.

Dr. John Swallow, a Principal and founder of Pine & Swallow Environmental, holds a PhD in Organic Chemistry from MIT. His professional soils and horticulture practice spans four decades and has emphasized soil chemistry, analysis of environmental conditions for plant growth, site rehabilitation, and urban tree planting techniques. He has served on the Sustainable Sites Initiative (SITES) Technical Core and Soils Committees for many years. His recent projects include New York and Brooklyn Botanical Gardens, Governors Island, Four Freedoms Park, Brooklyn Bridge Park, and The High Line in NYC.

Dr. John Todd, an internationally recognized biologist, is considered a leader in the field of ecological water purification. Developer of Eco Machines™, he was named one of the 20th century’s top 35 inventors by the Lemelson-MIT Program for Invention and Innovation and a “Hero of the Earth” by Time magazine in 1999. He is the cofounder of several foundations and companies with ecological missions including, The New Alchemy Institute (now The Green Center, Inc.) and Ocean Arks International. He is author of more than 200 articles on biology and planetary stewardship and author of *The Village as Solar Ecology*, *Tomorrow Is Our Permanent Address*, *Reinhabiting Cities and Towns: Designing for Sustainability*, and *From Eco-Cities to Living Machines*. He is a Professor Emeritus at the University of Vermont and serves on numerous environmental and technical boards including the journal Ecological Engineering.

Keith Zaltzberg is a Partner and founder of the Regenerative Design Group. He holds a B.S. in Environmental Design from UMass Amherst, is an adjunct Faculty member at Conway School of Design and Smith College, and is a certified Permaculture Designer. Mr. Zaltzberg combines his professional training in environmental and Permaculture design with his hands-on experience as a farmer, homesteader and builder to help communities and individuals create new, symbiotic relationships with their landscape and homes.



The 20th Annual ELA Conference & Eco-Marketplace CONFERENCE REGISTRATION FORM

Wednesday & Thursday
February 26 & 27, 2014

Early Registration, Member or Group Discounts are valid through February 19th. Sign up today!

Discounts available for ELA members and groups of three or more. Only one discount per person applies. Become an ELA member on this form and receive an immediate member discount.

Visit www.ecolandscaping.org to register online or to download the registration form for mailing

Enter Name as it should appear on Conference Name Badge.	Company/Organization Affiliation	ELA member (Yes/No)
Name:		
Email:	Contact Address:	
Home Phone:	Business Phone:	

NOTE: Group discount is the same as the member pricing when three or more register as a group. Complete one form per group member.

Offerings	Member Before 2/19	Member After 2/19	Non-Member Before 2/19	Non-Member After 2/19	Amount Due
2/26 Sessions Only	\$135	\$190	\$160	\$225	\$
2/26 Sessions with Keynote Dinner	\$185	\$260	\$220	\$310	\$
2/26 Keynote Dinner Only	\$75	\$105	\$90	\$125	\$
2/27 Sessions Only	\$135	\$190	\$160	\$225	\$
2/26 and 2/27 Sessions Only	\$220	\$310	\$260	\$365	\$
2/26 and 2/27 Sessions with Keynote Dinner 2/26	\$270	\$380	\$320	\$450	\$

Full-Time Student Registration No other discounts apply. Enclose a copy of student ID with registration & present ID at conference.

Full-Time Student, 2/26 Sessions Only – \$85	\$
Full-Time Student, 2/27 Sessions Only – \$85	\$
Full-Time Student, 2/26 and 2/27 Sessions – \$170	\$
Full-Time Student, Keynote Dinner 2/26 Only – \$60	\$

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Join or Renew ELA membership at Company Level – \$175	\$
Join or Renew ELA membership at Professional Level – \$75	\$
Join or Renew ELA membership at Community Member or Student Level – \$50	\$
I would like to make a contribution to ELA in the following amount:	\$

GRAND TOTAL ENCLOSED \$

Members Only

Do include me in the online "Find an Eco-Pro" Directory (place check in box)	
Do include me in the Membership Networking Directory (place check in box)	

Information Sharing

Don't share my contact info with other organizations (place check in box)	
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FOR INFORMATION, call (617) 436-5838 or visit www.ecolandscaping.org.

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CANCELLATION POLICY: refund requests must be received prior to February 15, 2014. A \$60 handling fee will be deducted. No refunds will be made after that date unless the Event is cancelled. For recorded cancellation info, call (617) 436-5838.

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