

WELCOME TO PLAN IT NATIVE!

A MESSAGE FROM DEEP ROOTS

Thank you for your passion and interest in native plants! At Deep Roots, we say What You Plant Matters. There is no time in history when that has meant more. We hope this conference inspires you, expands your knowledge, and prepares you to plant and maintain more native plant landscapes, both large and small.

Welcome to Plan It Native 2022, Deep Roots' fourth annual conference! We are excited to have you join us in-person and remotely. Plan It Native reaches people from nearly every state in the United States and a handful of foreign counties. Thank you for being at the forefront of the regenerative transformation of the way the world sees landscapes. Less turf and mulch makes room for more life, productivity, activity, and vitality.

Plan It Native has long offered advanced education for native plant professionals, including landscapers, land managers, naturalists, educators, and landscape architects. With our fourth year, we're also offering a new track for beginners. We can't make the environmental impact we need without expanding our knowledge base. Therefore, our Beginning with Native Plants will start at a basic and fundamental level for the true beginner. We are excited to grow this movement!

Thank you to the members of the 2022 Plan It Native conference committees and the multitude of volunteers who brought this event together. A big THANK YOU to Plan It Native sponsors, without whom we could not organize such an impactful conference. And, thank you to our speakers; we appreciate your willingness to share your knowledge, expertise, and time.

Finally, thank YOU for joining us and helping spread the important message of native plants!

Plan It Native 2022 Planning Committee

Noel Bennion Stacey Davis Margo Farnsworth Kathy Gates Linda Lehrbaum Larry O'Donnell Eric Tschanz Stephen Van Rhein Christina Hoxie

Deep Roots KC Staff

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GETTING STARTED GUIDE

BEFORE THE CONFERENCE

All you need:



1. Access Link

https://app.socio.events/MTQ0Nzc



2. Chrome browser



3. Download Zoom

www.zoom.com

To get the most out of Plan It Native, you may wish to also:

Download the Plan It Native mobile app



Use the mobile app as a companion to the conference for the best networking experience.



Scan the code with your mobile device's camera to download the app, or search for Plan It Native on the App Store or Google Play.



NEED HELP?

Contact our dedicated conference Help Desk! Our Help Desk volunteers can assist you with login problems, Zoom setup, navigating the conference venue, and more. Help will be available 8:00 am to 5 pm daily and during early and late conference events.

helpdesk@deeprootskc.org | 816-301-7545, Option 5 | Available September 12-16

HOW DO I...

...Log In and Set Up My Profile?

In the Chrome browser, click on the link from your Conference Access Information email or type https://app.socio.events/MTQ0Nzc into the address bar.

- Enter the email address you used to register.
- Select a password, and re-enter to verify.
- Enter your name and help us get to know you with a line or two.

HOW DO I...

...Attend a Session?

Desktop or Laptop:

- Choose Agenda in the left column. You will see the sessions listed in chronological order
- Click the session you would like to attend
- Click Join Live Stream

Mobile Device:

- From the Home screen, choose the
 Agenda icon.
- Tap the session you wish to attend.
- Click Join Live Stream





HOW DO I...

...Attend a Roundtable Discussion or Office Hours?

First, ensure you have downloaded Zoom. Unlike the concurrent sessions, these interactive events will require a free Zoom account.

Desktop or Laptop:

- From Agenda, click on the event you would like to attend.
- Zoom will open the event in a separate browser tab. Click the blue button to join.
- If this is your first interactive event of the day, click **Test Speaker and Microphone.**
- **Leave** is in the bottom right corner.
- If you would like to join another interactive event, return to the Agenda to choose another Zoom room.

Please come with your camera on! While you will not be onscreen during the sessions, these events are all about getting face time in small groups with each other and the presenters.

Mobile Device:

You will need to download the Zoom mobile app.

From the Home screen, choose the Agenda icon and tap your chosen event.





WEDNESDAY, SEPTEMBER 14



RICK DARKE

Consultant, author, and photographer

Pennsylvania-based consultant, author, and photographer Rick Darke's work is grounded in an observational ethic that blends ecology, horticulture, and cultural geography in the design and stewardship of living landscapes. His collaborative projects include parks, post-industrial sites, transportation corridors, conservation developments, botanic gardens, and residential landscapes. His many books include *The American Woodland Garden: Capturing the Spirit of the Deciduous Forest, The Living Landscape: Designing for Beauty and Biodiversity in the Home Garden,* co-authored with Doug Tallamy, and *Gardens of the High Line: Elevating the Nature of Modern Landscapes* co-authored with Piet Oudolf. For further info visit: www.rickdarke.com.

AGENDA

10:00am

 Beginning With Native Plants, Ask The Experts | Sarah Beier, Matt Bunch, Lydia Gibson, Roberta Vogel-Leutung

12:00pm

Keynote Address: What Is Wild and Why It Matters | Rick Darke*

1:30pm

- The Joys and Challenges of Working with Wild Spaces: Part 1
 Ecological Restoration | Chris Helzer
- Landscape Maintenance Practices that Support Pollinators and Keep Your Neighbors Happy | Paul Brown*
- Creating Eco-Conscious Neighborhoods: A Developer's Experience | Hunter Gale & Cutter Gale*

3:00pm

- The Joys and Challenges of Working with Wild Spaces: Part 2 Land Stewardship | Chris Helzer*
- Not in My Front Yard: Green Street Rain Gardens, Aesthetics and Social Values | Kate Cholakis & Eliza Pennypacker*
- The Incredible Editable Native Plant Garden | Alix Daniel, Cydney Ross*

SESSIONS

Roundtable: Beginning With Native Plants, Ask The Experts

Sarah Beier

Owner, Oak & lo

Matt Bunch

Horticulturalist, The Giving Grove

Lydia Gibson

Director of Corporate Development, Ripple Glass

Roberta Vogel-Leutung

Program Manager, GreenWorks

You viewed all the Beginner's Track videos, took your notes, and developed a long list of questions. Now what?! Let our expert panel answer those questions, point you toward resources that will make your native plant project easier, and provide you with the lessons they have learned from their decades of combined experience. If you're new to the native plant, prairie or woodland game, you won't want to miss this foundational session!

What Is Wild and Why It Matters: The Resiliency of Living Landscapes Rick Darke

Consultant, author, and photographer

A well-made garden should be full of life, human and otherwise, providing infinite daily opportunities to experience that glorious multiplicity of things and living processes. Inviting a bit of authentic wildness into your garden is the most rewarding way to create a truly vibrant landscape that will sustain both the gardener and a stunning array of regional biodiversity. Rather than maintaining plants in fixed patterns, gardens that welcome wildness rely on the resiliency of managed, selfperpetuating plant communities. Rick Darke will explore the dynamic nature of wild gardening, and show how this approach is sensibly ecological and eminently practical for Midwest landscapes.

The Joys and Challenges of Working with Wild Spaces: Part 1 Ecological Restoration

Chris Helzer

Program Director, The Nature Conservancy & The Prairie Ecologist

Restoring ecological systems comes with multiple challenges, especially when the landscapes are fragmented and full of invasive species and other threats. Explore a variety of restoration projects, including both successes and failures, to help grow your understanding of seed harvesting, processing, storage, planting, project design, and how to measure success. Most importantly, we will have an opportunity to discuss your own and others' successes, challenges, and ideas for the future.

Landscape Maintenance Practices that Support Pollinators and Keep Your Neighbors Happy

Paul Brown

Owner, A Tree Grows in Brooklyn

Supporting pollinators in a neighborhood can be a tricky proposition. Homeowners associations, social norms, and neighbor relationships all play a role. Traditional landscaping techniques in many neighborhoods are sterile, lack life, and rely too heavily on planting turf. Learn about strategic maintenance techniques that can help increase your garden's biodiversity—and can also help you avoid annoying your neighbors.

Creating Eco-Conscious Neighborhoods: A Developer's Experience

Hunter Gale

Greenspace Property Manager, GaleHart Communities

Cutter Gale

Facility and Development Manager, GaleHart Communities

Dig deep into the "green" history of Lee's Summit-based residential developments and their use of sustainable practices—everything from land planning to native planting to community features. The presenters will walk you through their experiences introducing native plants to their communities and struggling with invasive plant species, as well as demonstrate how their approach compares to other similar progressive neighborhoods throughout the country. The session will end with a brief description of their next mixeduse development project and how they will incorporate the lessons they have learned to maximize its resiliency.

The Joys and Challenges of Working with Wild Spaces: Part 2 Land Stewardship

Chris Helzer

Program Director, The Nature Conservancy & The Prairie Ecologist Humans have served as stewards for the land for as long as humanity has existed. We face some new and daunting challenges these days, but also have tools and strategies available to us that our predecessors didn't have. In this session, discover more about one of the most important keys to land management: setting and measuring progress toward specific objectives. Many examples of objectives and projects will be shared, as well as effective efforts to measure success. In addition, you can join the conversation about how to stay optimistic in the face of the daunting challenges we face

Not in My Front Yard: Green Street Rain Gardens, Aesthetics and Social Values

Kate Cholakis

Landscape Designer, Researcher, LEED Green Associate

Eliza Pennypacker

Professor of Landscape Architecture, Penn State University

Rain gardens seem like a benign way to treat stormwater runoff. However, there can be public resistance when this type of green stormwater infrastructure is installed in the street right-of-way. This session is led by city and county program managers and designers who have developed green streets projects in residential neighborhoods, including in Kansas City. Learn from the positive and negative feedback they have received from the public on their projects, as well as strategies for community engagement and maintenance.

The Incredible Editable Native

Alix Daniel

Landscape Specialist, Missouri Department of Conservation

Cydney Ross

Landscape Specialist, Missouri Department of Conservation

The "incredible editable native garden" is an accessible approach to urban native landscaping that starts with simple DIY design and develops over time with thoughtful maintenance practices. This session combines an easy to translate gridbased design with plants that can be edited to fit your gardening needs. Gain the resources you need from the team at the Missouri Department of Conservation and put this practical and creative process to work for you.



THURSDAY, SEPTEMBER 15



DR. JENNIFER D. ROBERTS

Associate Professor, UMD; Co-Founder and Co-Director of NatureRx@UMD Jennifer D. Roberts is a tenured Associate Professor in the Department of Kinesiology, School of Public Health at the University of Maryland College Park (UMD). Dr. Roberts is also the Founder and Director of the Public Health Outcomes and Effects of the Built Environment (PHOEBE) Laboratory as well as the Co-Founder and Co-Director of NatureRx@UMD, an initiative that emphasizes the green space benefits interspersed throughout and around the UMD campus and acknowledges the ancestral lands of the Piscataway People as well as the historical slave trade legacies of the UMD campus land.

Dr. Roberts' scholarship focuses on the impact of built, social, and natural environments, including the institutional and structural inequities of these environments on the public health outcomes of marginalized communities. Much of her research has explored the dynamic relationship between environmental, social, and cultural determinants of physical activity to infer complex health outcome patterns and disparities among adults and children.

Dr. Roberts holds a Master of Public Health (MPH) degree from Emory University Rollins School of Public Health and a Doctor of Public Health (DrPH) degree from Johns Hopkins University Bloomberg School of Public Health.

AGENDA

12:00pm

Secret Life Of Plants": A Celebration of Nature's Gift to Humankind | Dr. Jennifer D. Roberts*

1:30pm

- Hope in Collaboration: Landscape Level Engagement for Monarchs & Pollinators | Christine Sanderson*
- Pathway to a Joyous Landscape: Plant Native Plants | Alan Branhagen*
- The Soil Resource as a Basis for Life | Dr. Robert L. Kremer

3:00pm

- Roundtable: Meeting the Increasing Demand for Native Plants | Natasha Thomas-North,
 Claudio Vazquez, Mervin Wallace
- Soil Health and Sustainable Soil Management | Robert L. Kremer*
- Greening Vacant Land with Native Plants as Bee Habitat | Dr. Mary Gardiner*

SESSIONS

Secret Life of Plants: A Celebration of Nature's Gift to Humankind

Dr. Jennifer D. Roberts

Professor of Kinesiology

Alice Walker, an esteemed novelist and confirmed naturalist, once said "healing begins where the wound was made." Wounds from pandemic despair, desertion, and other difficulties remind us of the fragile, yet interconnected relationship between nature and humans. From colonialism to the climate crisis, humans have taken "shelter, food, habiliment" from the natural world "without consent" (Stevie Wonder - "The Secret Life of Plants," 1979). Furthermore, generations of structural racism and oppressive policies have stripped away access and wounded the connection between BIPOC communities and Mother Earth. Learn more about these issues, including greenspace gaps, park privilege, and how nature inequities are patterned by race and place in the United States. Understanding the need to address these shortcomings, we continue to recognize and honor the role of nature's gifts to health and wellbeing, including her ability to heal, restore and inspire.

Hope in Collaboration: Landscape Level Engagement for Monarchs & Pollinators

Christine Sanderson

Associate Director, Monarch Joint Venture

Monarch butterflies, which many view as a symbol of hope and renewal, are on the verge of being listed on the US Endangered Species Act. With a migratory range spanning three countries and thousands of miles, our challenge is to build partnerships across diverse landscapes, seemingly unrelated sectors, and political boundaries. In this session, you will hear directly from the Monarch Joint Venture (MJV), a national non-profit organization and a partnership of over 120 federal and state agencies, non-governmental organizations, businesses, and academic programs working together to protect the monarch migration across the United States. Learn about MJV's work bringing "all hands on deck" for monarchs and pollinators from Associate Director Christine Sanderson and find out more about how voluntary conservation actions across North America foster hope for monarchs and other challenging conservation issues of our day.

Pathway to a Joyous Landscape: Plant Native Plants

Alan Branhagen

Director of Operations, Minnesota Landscape Arboretum & Author

Reflect on the joy and wonder that native plants can inspire in this session tracing one person's inspirational landscaping journey.

Alan Branhagen will walk you through the transformation his landscape has undergone—from traditional lawn wasteland and invasive species-choked woodland to a nature-filled wonderland. Along the way, learn more about the valuable ecosystem services native plants provide, the resilience of native plants, and the joy and wellbeing that interaction with nature brings to all humans.

The Soil Resource as a Basis for Life

Dr. Robert L. Kremer

Adjunct Professor of Soil Microbiology, School of Natural Resources, and the Division of Plant Science & Technology, University of Missouri

To truly understand native planting, you must dig deep into the science of soil. In this session, learn about how soil serves as the living terrestrial matrix of Earth. Soil has many critical functions, including cycling atmospheric gasses, filtering and storing water, and maintaining a large, dynamic reservoir of carbon and biological life for mediating most of our food production. Learn more about these interconnected functions in the soil ecosystem as well as an overview of soil biology and soil health.

Roundtable: Meeting the Increasing Demand for Native Plants

Natasha Thomas-North

Growing Center Manager, Taylor Creek Restoration Nurseries

Claudio Vazquez

Co-founder, Izel Native Plants

Mervin Wallace

Founder, Missouri Wildflowers Nursery

Learn how experts in the field of native plants navigate the challenges of meeting the increasing demand for native plants. From sourcing, transportation, species selection to ensuring their integrity, this expert panel will help us understand how they are working to overcome the challenges the market demands.

Soil Health and Sustainable Soil Management

Dr. Robert L. Kremer

Adjunct Professor of Soil Microbiology, School of Natural Resources, and the Division of Plant Science & Technology, University of Missouri

Soil health has several definitions but all emphasize soil's functional capacity to sustain biological activity, maintain air and water quality, and promote plant, animal and human health. Learn more about the various functions of soil and the environmental properties that contribute to soil health, as well as their assessment and interpretation. You also won't want to miss the discussion of management practices and examples of implementation in various agro- and natural ecosystems.

Greening Vacant Land with Native Plants as Bee Habitat

Dr. Mary Gardiner

Professor of Entomology, The Ohio State University

Explore the Cleveland Pocket Prairie Project, a network of 64 vacant lots planted with eight distinct plant communities across eight neighborhoods within the City of Cleveland. Learn how this project examines the potential of vacant land to address biodiversity loss, unequal distribution of greenspace, and options for long-term vacant land management. Find out how these pocket prairie habitats enhance the beauty of neighborhoods while providing habitat for beneficial wildlife including insect pollinators and predators that consume pest insects.





FRIDAY, SEPTEMBER 16



NINA-MARIE LISTER

Professor & Graduate Director, School of Urban & Regional Planning, Ryerson University; Director, Ecological Design Lab, Ryerson University Nina-Marie Lister is Professor and Graduate Director in the School of Urban & Regional Planning at Ryerson University and Visiting Professor of Landscape Architecture at Harvard University's Graduate School of Design. Lister holds the 2021-22 Margolese National Design for Living Prize and is Senior Fellow at Massey College in Toronto.

A Registered Professional Planner (MCIP, RPP) trained in ecology, environmental science and landscape planning, Prof. Lister's research, teaching and practice center on the relationship between landscape infrastructure, biodiversity and ecological processes—specifically in the context of ecological design for resilience, health and wellbeing. At Ryerson University, Lister founded and directs the Ecological Design Lab, a collaborative incubator for ecological design research and practice.

She is co-editor of *Projective Ecologies* (with Chris Reed, published by Harvard University and ACTAR Press, 2014, 2020) and *The Ecosystem Approach: Complexity, Uncertainty, and Managing for Sustainability* (with David Waltner-Toews and the late James Kay, Columbia University Press, 2008), and author of more than 100 scholarly research and professional practice publications.

AGENDA

8:00am

Roundtable: Ask A Land Manager | Andy Carmack, Aimee Coy, Josh Cussimanio
Supporting Keystones: Providing Insect Sanctuary | Paula Diaz*
Rooftops—The Next Frontier in Native Plantings; A Lesson from Chicago | Matthew Strange*

9:30am

Funding Private Land Projects | Tim McCoy, Andy Carmack
Wisdom of the Wilds: Native Edibles | Kelly Daniels*
Garden Maintenance for Wildlife: A New Way to Garden | Scott Woodbury*

11:00am

Closing Keynote Address: Challenging Lawn Order: Barriers, Bylaws and the Biophilic City | Nina-Marie Lister*

SESSIONS

Roundtable: Ask A Land Manager

Andy Carmack

Private Lands Conservationist, Missouri Department of Conservation

Aimee Coy

Private Land Conservationist, Missouri Department of Conservation

Josh Cussimanio

Private Lands Conservationist, Missouri Department of Conservation

Ask this expert panel your questions about managing large and small landscapes, anything from prescribed burns, dealing with invasives, to the best seed mix combinations. This session is based on you and what you want and need to know to manage your space. You will likely not stump this group of subject matter experts. But you can try!

Supporting Keystones: Providing **Insect Sanctuary**

Paula Diaz

Principal, GardeNerd Consultations

Dive into this fundamental session on providing sanctuary for insects of all types. Planting host plants is vital. Planting nectar plants is also vital. Once the insects have been fed and had their thirst quenched, they need to find shelter from the elements and predators. Discuss how management of our shared spaces makes a difference for insect survival.

Rooftops-The Next Frontier in Native Plantings; A Lesson from Chicago

Matthew Strange

Landscape Architect & Principal of Confluence Chicago

Chicago has long been a leader in the green roof movement, from glitzy amenity decks to native prairies 10 stories in the sky. Join Chicago-based Landscape Architect Matt Strange of Confluence for a dive into the policies that have been the impetus for Chicago's green roof boom. Walking through several project case studies, you will learn more about the process of designing green roofs from both a philosophical and practical perspective, as well as the opportunities and challenges of using native planting in these applications.

Funding Private Land Projects Tim McCoy

District Conservationist, USDA, Natural Resource Conservation Service

Andy Carmack

Private Lands Conservationist, Missouri Department of Conservation

Finding the resources needed to fund native prairies, woodland restorations, stormwater solutions, or habitat restoration in private properties can be an overwhelming barrier. Learn what programs and resources exist from two private land management experts and where to look for ways to fund and find the resources needed for these valuable improvement projects.

Wisdom of the Wilds: Native Edibles

Kelly Daniels

Executive Director, Blue River Forest Nature Sanctuary

In this session, explore the use of wild edible and medicinal plants growing in the heartland. You will also learn about the deep connections between edible and medicinal plants and indigenous people, as well as the importance of reconnecting to our roots.

Garden Maintenance for Wildlife: A New Way to Garden

Scott Woodbury

Owner, Cacalia Garden Design and Wilding

How do you maximize plant and wildlife diversity in your yard and still have time to enjoy it? Learn about different landscape styles and the latest eye-popping maintenance practices that attract and nourish pollinators and song birds.

Thank you for attending Plan It Native 2022!

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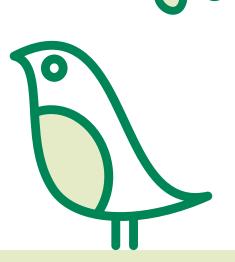
Challenging Lawn Order: Barriers, Bylaws and the Biophilic City

Nina-Marie Lister

Professor & Graduate Director, School of Urban & Regional Planning, Ryerson University; Director, Ecological Design Lab, Ryerson University

Many cities in North America are adopting and enacting policies that support and encourage native plant and wildlife diversity (biodiversity). In the face of climate change, ecological health and resilience can be improved through protecting and enhancing native species in parks, public spaces and private yards, while improving public access to nature. More than just the essential ecosystem services provided by living landscapes, cities also need the vital benefits of biophilia — the "nature fix" — that is increasingly understood to be critical to human physical, mental and social wellbeing. At the same time, most cities still maintain and enforce property standards bylaws that effectively undermine biodiversity, and nature more broadly, through upholding the lawn as a homogeneous norm. This presentation challenges the normalization of the lawn as an outdated, colonial structure of order and control, and argues instead for planning frameworks and design strategies that support biodiversity specifically, and an equitable biophilic city more broadly, as essential to ecological and social health and wellbeing.







Stunning designs in balance with nature

Many of our clients are curious about how they can begin to incorporate more resilient plants into their landscape design.

A Tree Grows in Brooklyn is a regional leader in developing individualized landscapes that balance aesthetic appeal with water and soil health.

Beautiful, rewarding – and sustainable.

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A TREE GROWS IN BROOKLYN

Get in touch:

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Plan It Native 2022 Exhibitors









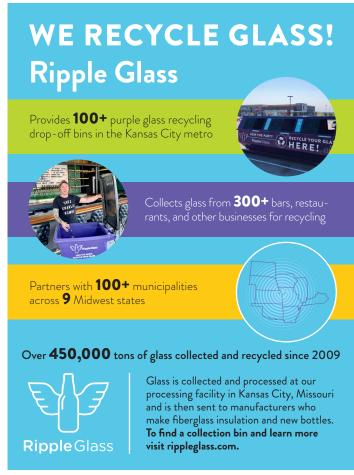


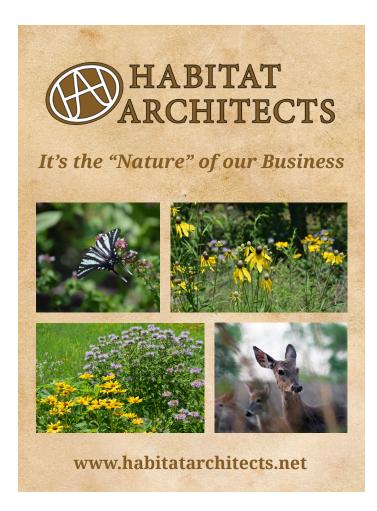




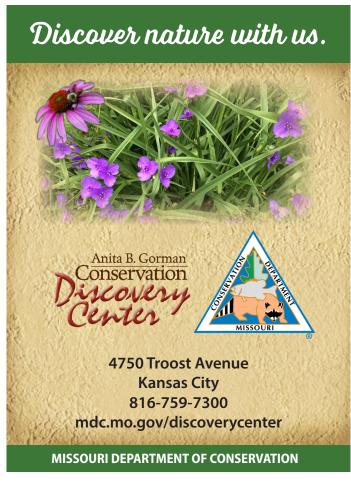
















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