

Agenda

Practical Water-Wise Landscaping

E. Gornish

- Soil preparation
- Selecting plants
- Mulch
- Maintenance
- Using trees for cooling

Managing Invasive Plants

E. Gornish

- Historic and current trends in invasive plant dominance
- Effects of invasive plants on native habitats (including plants and animals)
- Methods for managing invasive plants
- Spatial and temporal management considerations

Key Concepts in Ecology for Site Design

S. McCoshum

- Conservation biology
- Landscape ecology
- Restoration ecology

Vegetation and Landscaping Guidance to Protect Buildings from Wildfire

Y. Valachovic

- Science of fire in the landscape
- Trees, shrubs and grasses: woody and non-woody
- Combustibility considerations
- Selection, placement and maintenance

Think Like a Bee: Creating Pollinator Habitat and Helping Pollinators

D. Davidson

- Why pollinators matter
- Key pollinator groups
- Specialist bees
- Approaches to pollinator habitat creation
- Keys to success: providing food and nesting sites, reducing pesticide use
- Pollinator habitat can fit into (almost) any design
- Providing bloom throughout the season
- Planting in drifts and masses
- Creating layers
- Weeds as useful forage
- Managing habitat throughout the year
- Options for adding habitat (themes and spaces)
- Special challenges: pesticides, bee hotels, "messy" misperceptions

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Current Issues in Landscape Architecture for the Western US

Live, Interactive Webinar - Monday, January 29, 2024

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HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Use soil preparation, plant selection, and maintenance practices to create water-wise landscapes.

Learn techniques for managing invasive plants in the western United States.

Explore the relationship of conservation biology, landscape ecology and restoration ecology.

Get vegetation and landscaping guidance to protect buildings from wildfire.

Learn techniques to help different types of pollinators throughout the year.



HalfMoon Education Live Webinars

Current Issues in Landscape Architecture for the Western US

Live, Interactive Webinar - Monday, January 29, 2024



Explore practical water-wise landscaping including soil preparation, plant selection, mulch, maintenance and cooling with trees

Study methods for managing invasive plants

Discuss key concepts in ecology for site design

Learn about vegetation and landscaping guidance to protect buildings from wildfire

Create pollinator habitats and get tips on helping pollinators

Continuing Education Credits

Landscape Architects
6.0 HSW CE Hours

LA CES
6.0 HSW PDHs



Webinar Information

Log into Webinar

8:30 - 9:00 am PST

Break

12:45 - 1:15 pm PST

Morning Session

9:00 am - 12:45 pm PST

Afternoon Session

1:15 - 4:00 pm PST

Tuition

\$319 for individual registration.

\$289 for two or more registrants from the same company at the same time.

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Faculty

Elise Gornish, PhD

Cooperative extension specialist in ecological restoration at the University of Arizona

Originally from New York, Dr. Gornish received her MS and PhD degrees from Florida State University in 2013. She then completed two years as a post doc at the University of California, Davis. Dr. Gornish's work largely focuses on vegetation management in arid systems with a focus on ecological restoration, weed management and soil management. She has published over 80 articles, given hundreds of talks and was recently selected as an ESA Early Career Fellow. In addition to vegetation management, Dr. Gornish is passionate about STEM inclusion and is also the director of GALS (Girls on outdoor Adventure for Leadership and Science). GALS focuses on providing science learning and leadership opportunities to traditionally underserved female high school students through backcountry programming.

Shaun McCoshum, PhD

Pollinator ecologist and conservationist with Westwood Professional Services

Dr. McCoshum has designed urban, suburban, and rural conservation projects across the United States. His research expertise includes monarch ecology, milkweeds, and native bee communities, and he has more than 15 years of experience working in the arid Southwest. He has extensive experience rearing monarchs in laboratory settings, growing milkweeds, and creating vegetation management plants, and urban conservation designs. In addition to his research and professional work, Dr. McCoshum is the author of *Inviting Pollinators and Other Wildlife into Your Garden*, which dives into the processes of creating robust, aesthetically pleasing, wildlife habitats.

Yana Valachovic *County Director – Forest Advisor for the University of California Cooperative Extension in Humboldt and Del Norte Counties*

Ms. Valachovic is passionate about finding solutions to challenging problems bringing her skills in forestry, natural resources and sociological research, design and mitigation of the built environment for wildfire resilience, as well as her years rooted in county government and community engagement. She is a member of the California Governor's Wildfire Forest Resilience Task Force and other California state fire policy workgroups. Ms. Valachovic is the co-lead of the Northern California region of the California Fire Science Consortium and is a founding member of the Northern California Prescribed Fire Council. She has co-authored papers on fire behavior in California forests and the intersection of fire performance in home and landscape design. She is active in California policy development and has been a technical resource for bioenergy, forest management, home hardening, and improvements to defensible space legislation. Ms. Valachovic will share her experience from post-fire assessments that have helped craft her vision for adaptation.

Deryn Davidson

Sustainable Landscape State Specialist with Colorado State University Extension

Ms. Davidson is an experienced extension agent with a demonstrated history of working in the higher education industry and providing outreach and education to Coloradans. Her horticulture skills focus on native plants, water conservation, pollinator habitat, and design. She is skilled in AutoCAD, Microsoft Word, Environmental Awareness, Adobe Photoshop, and Submittals. Ms. Davidson is a strong research professional with a BS degree in Horticulture from Colorado State University and an MLA degree in Landscape Architecture from University of Arizona.

Credit Information

This webinar is open to the public and is designed to qualify for 6.0 HSW continuing education hours for landscape architects in most states that allow this learning method.

Licensee application for course approval may be required in New Jersey; licensee action to claim credit in Florida may be required. Please refer to specific state rules to determine eligibility.

HalfMoon Education is deemed an approved continuing education sponsor for New York landscape architects via its registration with the Landscape Architecture Continuing Education System (LA CES). Most other states do not preapprove continuing education providers or courses.

The Landscape Architecture Continuing Education System has approved this course for 6.0 HSW PDHs. Only full participation is reportable to the LA CES.

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

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