

Agenda

Presented by Lars Anderson, ASLA

Selecting Stormwater Best Management Practices in Utah

- Utah state and local regulations
- Site topography, hydrology and soils
- System sizing and design
- System performance
- Selection criteria

Reducing Site Disturbance and Increasing Natural Landscaping

- Benefits of natural landscaping
- Choosing native species for plantings
- Cost considerations and maintenance

Permeable Pavers

- Site criteria and product selection
- Preparation and installation
- Cost considerations and maintenance

Vegetated Roofs

- Benefits and life cycle cost
- Extensive roofs
- Intensive roofs
- Maintenance

Rain Barrels, Cisterns and Rain Gardens

- Stormwater collection
- Water storage
- Reuse
- Garden sizing and design
- Cost considerations

Filter Strips and Drainage Swales

- Benefits and design considerations
- Choosing appropriate vegetation
- Cost considerations and maintenance

Detention Basins and Ponds

- Benefits and site selection
- Sizing and design
- Choosing native vegetation
- Maintenance considerations

Stormwater Best Management Case Studies

Can't Attend? Order the Webinar as a Self-Study Package!

Recordings of this webinar are available for purchase. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Utah Stormwater Best Management Practices

Live, Interactive Webinar - Thursday, January 20, 2022

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Learning Objectives

You'll be able to:

Examine the purposes and benefits of practices that reduce site disturbance and preserve natural areas during development and construction.

Analyze site, size, use, topography, hydrology, and soils to determine appropriate stormwater best management practices.

Evaluate the benefits, application, and cost considerations of rain barrels, cisterns, rain gardens, filter strips, and green roofs.

Discuss the specific benefits of detention basins and ponds, and learn about criteria for site selection, sizing, and design.

Review real-world stormwater best management case studies.



HalfMoon Education Live Webinars

Utah Stormwater Best Management Practices

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Examine Utah state and local stormwater regulations

Explore reducing site disturbance and increasing natural landscaping

Study permeable pavers and vegetated roofs

Discuss rain barrels, cisterns and rain gardens

Learn about filter strips, drainage swales and detention basins and ponds

Continuing Education Credits

Professional Engineers
7.0 PDHs

Architects
7.0 HSW CE Hours
7.0 AIA LU | HSW

Landscape Architects
7.0 HSW CE Hours
7.0 LA CES HSW PDHs

Floodplain Managers
7.0 ASFPD CECs

International Code Council
.7 CEUs (Sitework)



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Faculty

Lars Anderson, ASLA
Landscape Architect/Environmental Manager at Project Engineering Consultants
Mr. Anderson has 23 years of experience as a both a landscape architect and environmental manager. Starting his career with UDOT, he was first introduced to stormwater management on the Provo Canyon expansion project in 1998. UDOT was being sued and Mr. Anderson was designated as the compliance officer for the environmental impacts resulting from the project. That project propelled him into developing the environmental control supervisors course required by UDOT for all contractors working on state or federally funded projects. Joining PEC in 2006, Mr. Anderson has continued to teach and consult in storm water management. In 2015 PEC developed the low-impact development standards for Spanish Fork City, the first City in Utah to develop such standards. Since then, Mr. Anderson continues to teach about stormwater management for continuing education credits and continues implementing low-impact development standards in municipal and private projects. He received his B.S. degree in Environmental Science from Brigham Young University and his M.L.A. degree in Landscape Architecture from Utah State University.

Webinar Information

Log into Webinar 9:00 - 9:30 am MST	Break 1:30 - 2:30 pm MST
Morning Session 9:30 am - 1:30 pm MST	Afternoon Session 2:30 - 6:00 pm MST

Tuition
\$289 for individual registration
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- Visit us online at www.halfmoonseminars.org
- Mail-in or fax the attached form to 715-835-6066
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Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar. For more information, please visit our FAQ section of our website, or visit www.gotowebinar.com.

Cancellations: Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

Additional Learning

- International Building Code 2021**
- Fri, Dec 17, 2021 | 8:30 am - 5:00 pm CST
- National Electrical Code 2020**
- Tues, Dec 28, 2021 | 8:30 am - 5:00 pm CST
- Focus on The Evolution of Turf Reinforcement Mat Technology**
- Wed, Dec 29, 2021 | 10:00 am - 12:00 pm CST
- How to Design for Stormwater Management for Ground-Mounted Solar Arrays**
- Wed, Dec 29, 2021 | 1:00 - 3:00 pm CST
- Managing Construction Projects**
- Wed, Dec 29, 2021 | 8:30 am - 4:30 pm CST
- Parking Structure Design, Construction, and Maintenance**
- Wed, Dec 29, 2021 | 8:00 am - 3:30 pm CST
- Structural Forensic Engineering**
- Wed, Dec 29, 2021 | 10:00 am - 1:45 pm CST
- Thurs, Dec 30, 2021 | 10:00 am - 1:45 pm CST
- Residential and Small Commercial Solar Photovoltaic Energy Systems**
- Thurs, Dec 30, 2021 | 8:30 am - 4:00 pm CST
- The 2021 Minimum Standards for ALTA/NSPS Land Title Surveys**
- Wed, Jan 12, 2022 | 8:30 am - 2:30 pm CST
- Technical Writing Workshop for Design Professionals**
- Wed, Jan 12, 2022 | 8:30 am - 5:00 pm CST
- IRC Significant Changes – Chapters 1-10**
- Thurs, Jan 13, 2022 | 11:00 am - 3:30 pm CST
- How to Read a Geotechnical Report**
- Fri, Jan 14, 2022 | 11:00 am - 2:15 pm CST
- Handling Ethical Issues in Construction**
- Tues, Jan 18, 2022 | 3:00 - 5:00 pm CST
- Construction Cost Estimating**
- Thurs, Jan 20, 2022 | 8:30 am 4:30 pm CST
- For more information and other online learning opportunities visit:
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Continuing Education Credit Information
This webinar is open to the public and offers 7.0 professional education hours/PDHs to professional engineers, 7.0 HSW continuing education hours to architects, and 7.0 HSW CE Hours to landscape architects licensed in Utah.

The American Institute of Architects Continuing Education System has approved this program for 7.0 LU | HSW (Sponsor No. J885). Only full attendance can be reported to the AIA/CES.

The Landscape Architecture Continuing Education System has approved this course for 7.0 HSW PDHs. Only full participation is reportable to the LA CES.

Engineers, architects and landscape architects seeking continuing education credit in other states will be able to claim the hours earned at this webinar, in most cases. Refer to specific state rules to determine eligibility. HalfMoon Education is not seeking landscape architect approval in Florida, New Jersey, or North Carolina.

The International Code Council has approved this event for .70 CEUs in the specialty area of Sitework (Preferred Provider No. 1232).

The Association of State Floodplain Managers has approved this event for 7.0 CECs for Certified Floodplain Managers.

Completion certificates will be awarded to participants who complete this event, respond to prompts and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

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Registration

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Complete the entire form. Attach duplicates if necessary.	
Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.	
() I need special accommodations. Please contact me.	
Tuition () I will be attending the live webinar. Single Registrant - \$289.00 . Three or more registrants from the same company registering at the same time - \$239.00 each. () I am not attending. Please send me the webinar recording: ☐ Streamable MP4 Video/PDF Manual for \$299.00 . ☐ USB Video/PDF Manual for \$299.00 .	
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