

Credit Information

How to Use Permeable Pavements

This webinar is open to the public and is designed to qualify for 3.0 PDHs for professional engineers, 3.0 HSW continuing education hours for licensed architects, and 3.0 HSW continuing education hours for landscape architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 3.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The Landscape Architecture Continuing Education System has approved this course for 3.0 HSW PDHs. Only full participation is reportable to the LA CES.

The International Code Council has approved this event for .3 CEUs in the specialty area of Sitework (Preferred Provider No. 1232).

HalfMoon Education is an approved CM Provider with the American Planning Association. This course is registered for CM | 3 for Certified Planners.

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).

Using Trees to Manage Stormwater

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The Landscape Architecture Continuing Education System has approved this course for 3.0 HSW PDHs. Only full participation is reportable to the LA CES.

This webinar has been approved by the Association of State Floodplain Managers for 3.0 CECs for floodplain managers.

HalfMoon Education is an approved CM Provider with the American Planning Association. This course is registered for CM | 3 for Certified Planners.

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The preceding credit information only applies to the live presentations. To learn about credits for taking these programs on-demand, please visit their online listings.

Live, Interactive Webinars

- How to Use Permeable Pavements
- Using Trees to Manage Stormwater

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Live, Interactive Webinars

How to Use Permeable Pavements

- Thursday, May 18, 2023 | 10:00 am - 1:00 pm CDT

Using Trees to Manage Stormwater

- Thursday, May 18, 2023 | 2:00 - 5:00 pm CDT

**To register, view detailed presenter biographies,
and see other learning opportunities, please visit:**

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LA CES: 3.0 HSW PDHs International Code Council: .3 CEUs (Sitework)
Certified Planners: CM | 3



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Certified Planners: CM | 3

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Certified Planners: CM|3

Agenda

- Impervious nature of traditional pavements
- Water management effects of impermeable pavement
- Environmental benefits of permeable pavements
- Types of permeable pavement:
 - Permeable concrete: cost, benefits/drawbacks, applications
 - Permeable asphalt: cost, benefits/drawbacks, applications
 - Permeable pavers: cost, benefits/drawbacks, applications
- Permeable pavement case studies

Presented by
Mehran Mazari, Ph.D.

Associate Professor of Civil Engineering at California State University Los Angeles

Dr. Mehran Mazari is an associate professor in the Department of Civil Engineering at Cal State LA, specializing in transportation infrastructure and pavement materials. He is the program manager of the Sikand Center for Sustainable and Intelligent Infrastructures (SITI-Center) and founder of the Sustainable Infrastructure Materials Research Lab (SIM-Lab) at Cal State LA. His research interests include sustainable and resilient transportation infrastructure and transportation infrastructure materials. He is a member of technical committees at the Transportation Research Board of the National Academies of Science and Engineering and co-chair of the LTPP subcommittee of the Highway Pavement Committee of the American Society of Civil Engineers (ASCE). Dr. Mazari has published more than 70 peer-reviewed journal and conference papers. He has been actively involved in several national and state research projects, including National Highway Cooperative Research Program (NCHRP) and projects for the Federal Highway Administration (FHWA).

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Certified Planners: CM|3

Agenda

- Causes of stormwater runoff
- Stormwater management solutions: retention and infiltration
- Roles of trees in reducing runoff
- Using urban forests for stormwater management
 - Site design
 - Tree selection and placement
 - Design failures: correcting mistakes and improving stormwater management potential
- Advanced techniques
 - Structural cells and suspended pavements
 - Soil improvement and maintenance
 - Structural soils
 - Stormwater tree pits

Presented by
John Palmer, BCMA

Board Certified Master Arborist and Advanced Tree Risk Assessor from Cleveland, O

Mr. Palmer is a Consulting Arborist, Board Certified Master Arborist by the International Society of Arboriculture, and an advanced Tree Risk Assessor. He is an author, speaker, and trainer, on subjects including The Future of Urban Forestry, Deforestation By Design™, The New Construction Paradigm, and The Leadership Laws of Nature. His focus is on trees in urban and construction environments, soil deficiencies and the importance of soils for sustainable mature trees, increasing urban tree canopies by ensuring trees live to maturity, and unsustainable landscape designs. His areas of expertise include young tree training, proper pruning and planting practices, biomechanics, soil and water management, urban forestry, tree biology, and healthy root system development.

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Recordings of these webinars are available for purchase. Visit these course listings on our website 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.

Additional Learning

Designing and Constructing Vegetated Roofs

- Tuesday, April 18, 2023 | 8:30 am - 4:00 pm CDT

NPDES Stormwater Management Program 2023

- Thursday, April 20, 2023 | 9:00 am - 4:00 pm CDT

Deep Dive into Rain Garden Design and Construction

- Friday, April 21, 2023 | 9:00 - 12:00 pm CDT

The Successful Native Landscape:

Common Mistakes and How to Avoid Them

- Monday, April 24, 2023 | 12:30 - 3:45 pm CDT

Integrated Pest Management in Landscape Design

- Tuesday, April 25, 2023 | 1:00 - 3:00 pm CDT

Stormwater Basins and Underground Systems

- Friday, April 28, 2023 | 8:30 am - 4:00 pm CDT

Sustainable Defensible Space:

Landscape Design for Fire Protection

in the (Coastal) Western US

- Friday, April 28, 2023 | 2:00 - 4:00 pm CDT

How to Identify Soil Types

- Tuesday, May 9, 2023 | 10:00 am - 12:00 pm CDT

Introduction to HEC-HMS Modeling

- Thursday, May 11, 2023 | 9:00 am - 4:30 pm CDT

How to Design a More Bird-Friendly Building

- Friday, May 12, 2023 | 10:00 am - 12:00 pm

The Tree Course:

Science, Design, and Sustainability

- Friday, May 12, 2023 | 9:00 am - 4:30 pm CDT

Urban Stormwater System Design and Construction

- Monday, May 15, 2023 | 8:30 am - 4:30 pm CDT

Ohio Region Native Plant Workshop:

Native Plants in the Managed Landscape

- Tuesday, May 16, 2023 | 7:30 am - 2:45 pm CDT

ANSI A300 Compliance: Lightning Protection Systems

- Wednesday, May 17, 2023 | 10:00 am - 12:00 pm CDT

Landscaping for Pollinators

- Wednesday, May 17, 2023 | 10:00 am - 12:00 pm CDT

Sand Transport Engineering in Coastal Areas

- Wednesday, May 17, 2023 | 10:00 am - 12:00 pm CDT

For more information
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