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HalfMoon Education Live Webinars

1. Landscaping for Pollinators
2. How to Design for Stormwater Management for Ground-Mounted Solar Arrays
3. Low Impact Development
4. Threats to Trees
5. Stormwater Best Management Practices
6. Slope Stabilization and Landslide Prevention
7. Stormwater Basins and Underground Systems
8. Introduction to HEC-RAS Modeling
9. Stream Restoration for Design Professionals
10. The Tree Course

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1. Landscaping for Pollinators

Monday, July 13, 2020, 10:00 am - 12:00 pm CDT  
Credits: Landscape Architects: 2.0 HSW CE Hours  
Lane/CES: 2.0 HSW PDHs  
Engineers: 2.0 PDHs  
Presented by:  
Andony Melathopolous Assistant Professor - Pollinator Health Extension, Oregon State University  
Agenda Highlights:  
• Recognizing common pollinators  
• Ten principles for landscaping for pollinators  
• Managing pests and weeds to promote pollinators  
• Case studies  
Tuition: $100

2. How to Design for Stormwater Management for Ground-Mounted Solar Arrays

Tuesday, July 14, 2020, 11:00 am - 1:00 pm CDT  
Credits: Landscape Architects: 2.0 HSW CE Hours  
Lane/CES: 2.0 HSW PDHs  
Floodplain Managers: 2.0 CECS (plus see online for credit for architects and floodplain managers)  
Agenda Highlights:  
• Overview of state standards for stormwater management  
• Components of ground-mounted solar arrays (access, equipment pads, panel system)  
• Site design  
• Soil issues (grading, compaction, changes to natural properties)  
• Erosion and sedimentation issues  
• Stormwater management issues  
• Designing stormwater management systems  
Presented by Steven Trinkaus Principal at Trinkaus Engineering, LLC, in Southbury, CT  
Tuition: $100

3. Low Impact Development

Wednesday, July 15, 2020, 10:00 am - 2:05 pm CDT  
Credits: Landscape Architects: 6.5 HSW CE Hours  
Lane/CES: 6.5 HSW PDHs  
plus see online for credit for architects, engineers and floodplain managers  
Agenda Highlights:  
• Overview of design principles of low impact development (LID)  
• Low impact development site planning  
• Low impact development structural BMPs  
Presented by Steven Trinkaus, PE Principal at Trinkaus Engineering, LLC, in Southbury, CT  
Tuition: $299

4. Threats to Trees

Thursday, July 16, 2020, 11:00 am - 3:00 pm CDT (incl. 30 min. break)  
Friday, July 17, 2020, 11:00 am - 2:30 pm CDT (incl. 30 min. break)  
Credits: Landscape Architects: 6.5 HSW CE Hours  
Lane/CES: 6.5 HSW PDHs  
ISA: 6.5 Certified Arborist, Climber Specialist, Utility Specialist, Aerial Lift, 3.0 BCMA Science;  
2.0 BCMA Practice  
1.5 BCMA Management  
Foresters: 6.5 SAF Category 1 Hours  
plus see online for credit for architects and engineers  
Agenda Highlights:  
• Peats and pathogens  
• Pedology  
• Pruning essentials  
• Plant material/provenance  
• Placement/planting  
• Practices/professionalism  
Presented by John Palmer PlanetCare Landscape and Arboricultural Services - Lakewood, OH  
Tuition: $299

5. Stormwater Best Management Practices

Tuesday, July 21, 2020, 8:30 am - 5:00 pm CDT  
Credits: Landscape Architects: 7.0 CE Hours  
Lane/CES: 7.0 HSW PDHs  
Stormwater Managers: 7.0 ASFPM CECS (plus see online for credit for architects and engineers)  
Agenda highlights:  
• Selecting stormwater best management practices  
• Reducing site disturbance and increasing natural landscaping  
• Detention basins and ponds  
• Sustainable best management practices  
Presented by Brad Flack, CPESC, CESSWI, QCIS President & CEO of Integrity Stormwater  
Tuition: $299

6. Slope Stabilization and Landslide Prevention

Wednesday, July 22, 2020, 11:00 am - 3:30 pm CDT (incl. 30 min. break)  
Thursday, July 23, 2020, 11:00 am - 2:30 pm CDT (incl. 30 min. break)  
Credits: Landscape Architects: 7.0 HSW CE Hours  
Lane/CES: Pending  
plus see online for credit for architects, engineers and floodplain managers  
Agenda highlights:  
• Slope mechanics and movement  
• Slope stabilization methods  
• Case histories in landslide mitigation  
Presented by Curran E. Mohney, RG, CEG  
Engineering Geology Program leader for the Oregon Department of Transportation (ODOT)  
Tuition: $299

7. Stormwater Basins and Underground Systems

Thursday, July 23, 2020, 11:00 am - 2:45 pm CDT (incl. 15 min. break)  
Friday, July 24, 2020, 11:00 am - 2:15 pm CDT (incl. 15 min. break)  
Credits: Landscape Architects: 6.5 CE Hours  
Lane/CES: 6.5 HSW PDHs  
Stormwater Managers: 6.5 ASFPM CECS (plus see online for credit for architects and engineers)  
Agenda highlights:  
• Stormwater management system objectives and design considerations  
• Stormwater conveyance and detention  
• Choosing stormwater system types  
• Choosing an underground storage system  
Tuition: $299

8. Introduction to HEC-RAS Modeling

Thursday, July 23, 2020, 10:00 am - 1:45 pm CDT (incl. 30 min. break)  
Friday, July 24, 2020, 10:00 am - 2:30 pm CDT (incl. 30 min. break)  
Credits: Landscape Architects: 7.0 HSW CE Hours  
Lane/CES: 7.0 HSW PDHs  
plus see online for credit for engineers, surveys, and floodplain managers  
Agenda highlights:  
• Applications for open channel hydraulic analysis  
• Hydraulic principles  
• History and development of US Army Corps HEC-RAS software  
Tuition: $299

9. Stream Restoration for Design Professionals

Monday, July 27, 2020, 11:00 am - 2:30 pm CDT (incl. 15 min. break)  
Tuesday, July 28, 2020, 11:00 am - 3:00 pm CDT (incl. 30 min. break)  
Credits: Landscape Architects: 6.5 CE Hours  
Lane/CES: 6.5 HSW PDHs  
Professional Engineers: 6.5 PDHs  
Stormwater Managers: 6.5 ASFPM CECS  
Agenda highlights:  
• The behavior of surface water  
• Introduction to geomorphology  
• Tools for assessment and restoration  
• Design considerations  
• Lessons learned: construction considerations  
Presented by Brian J. Kwiatkowski  
Applied Ecological Services  
Tuition: $299

10. The Tree Course

Wednesday, July 29, 2020, 10:00 am - 7:30 pm CDT (incl. 15 min. break)  
Credits: Landscape Architects: 6.5 CE Hours  
Lane/CES: 6.5 HSW PDHs  
Arborists: 6.5 ISA CEUs  
Foresters: 6.5 Category 1 Units  
plus see online for credit for architects and engineers  
Agenda highlights:  
• Benefits of trees  
• Tree biology, soils and tree health  
• Tree/site selection  
• Trees and risk management  
• Identifying tree problems  
• Current threats  
Presented by Marty Shaw, RCA, BCMA  
Author of The Professional Amenity Plant Appraisal Handbook  
Tuition: $299

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