

# Credit Information

## **Wildfire Management on Rural Lands**

This webinar offers 6.0 PDHs to professional engineers and licensed in all states. It offers 6.0 HSW continuing education hours to landscape architects in most states. 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), North Carolina (S-0130), and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York engineers, architects, and landscape architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2), §69.6(i)(2), § and 79-1.5(i)(2)). Courses approved by the AIA/CES qualify for Florida and New Jersey architects. Other states do not preapprove continuing education providers or courses. This course has been approved by the Landscape Architect Continuing Education System for 6.0 HSW PDHs. Only full participation is reportable to the AIA/CES and LA CES. The Society of American Foresters has approved this course for 6.0 Cat1 hours. This course is approved by the American Planner Association AICP for CM | 6.0 for Certified Planners. 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).

## **Fire-Resistant Landscapes and Construction**

This webinar offers 6.0 PDHs to professional engineers and 6.0 HSW continuing education hours to architects in all states. It offers 6.0 HSW continuing education hours to landscape architects in most states. 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), North Carolina (S-0130), and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York engineers, architects, and landscape architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2), §69.6(i)(2), and §79-1.5(i)(2)). Courses approved by the AIA/CES qualify for Florida and New Jersey architects. Other states do not preapprove continuing education providers or courses. This course has been approved by the American Institute of Architects Continuing Education System 6.0 LU|HSW (Sponsor No. J885) and the Landscape Architect Continuing Education System for 6.0 HSW PDHs. Only full participation is reportable to the AIA/CES and LA CES. The International Code Council has approved this event for .6 CEUs in the specialty area of Fire (Preferred Provider No. 1232). 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).

**Wildfire Management and  
Fire-Resistant Landscapes Webinars**  
Monday, December 14 and Tuesday, December 15, 2020

## **Wildfire Management and Fire-Resistant Landscapes Webinar Series**

### **Wildfire Management on Rural Lands**

- Monday, December 14, 2020 | 10:00 am - 5:00 pm CST

### **Fire-Resistant Landscapes and Construction**

- Tuesday, December 15, 2020 | 10:00 am - 5:00 pm CST

To register please visit us online at:

**www.halfmoonseminars.org**

### **Have questions or wish to register by phone?**

Give us a call at 715-835-5900 and press 1 for Customer Service.

# HalfMoon Education Online Learning **Wildfire Management and Fire-Resistant Landscapes Webinars**



## **Wildfire Management on Rural Lands**

Monday, December 14, 2020 | 10:00 am - 5:00 pm CST

### **Credits:**

Professional Engineers: 6.0 PDHs    Landscape Architects: 6.0 HSW CE Hours  
LA CES: Pending    Foresters: 6.0 SAF Cat1 Hours    Planners: 6.0 CM | 6

## **Fire-Resistant Landscapes and Construction**

Tuesday, December 15, 2020 | 10:00 am - 5:00 pm CST

### **Credits:**

Professional Engineers: 6.0 PDHs    Architects: 6.0 HSW CE Hours    AIA: 6.0 LU|HSW  
Landscape Architects: 4.0 HSW CE Hours    LA CES: Pending  
International Code Council: .6 CEUs (Fire)

To register visit us online at

**www.halfmoonseminars.org**

or call our Customer Service Department at (715) 835-5900



# Wildfire Management on Rural Lands

Monday, December 14, 2020 | 10:00 am - 5:00 pm CST (incl. 30 min. break)

**Tuition:** \$299 per registrant, \$199 per registrant for three or more

**Credits:** Professional Engineers: 6.0 PDHs    Landscape Architects: 6.0 HSW CE Hours  
LA CES: Pending    Foresters: 6.0 SAF Cat1 Hours    Planners: 6.0 CM | 6

## Wildfire Science and History

History of wildfire in the American West  
Effect of fire on built environment  
Federal, state and local fire planning

Causes and effects of wildfire  
Land use planning

*J. Bailey*

## Creating Resilient Landscapes

Managing vegetation

Managing fuels

*J. Bailey*

## Adapting Communities to Fire Risks

Reducing possibilities for ignition  
Reducing fuel  
Protecting community assets  
Community Wildfire Protection Plans (CWPP)

*D. Lasky,  
M. Matonis,  
C. Marshall*

## Responding to Wildfires

Responding safely and efficiently to fire  
Strategies to limit spread of fire

Structure protection  
Public safety concerns

*D. Lasky*

20 USWFRMRL 12 14 WEBR TC

## Presented by

**John Bailey** is a professor of Silviculture and Fire Management in the College of Forestry at Oregon State University. He obtained his BS and MF degrees from Virginia Tech in the 1980s, then he worked for 6+ years with the Environmental Protection Agency in Corvallis, Oregon, on forest stressors. He completed a PhD degree at Oregon State University and joined the faculty at Northern Arizona University in 1996, where he worked in ponderosa pine silviculture, fuels management and ecological restoration. Professor Bailey returned to OSU in 2006 to continue research on fuels/fire management and sustainable forestry in drier fire-prone forest types, as well as multi-story management in mixed forest types for broad ecosystem objectives. His recent research and outreach focus is on landscape-scale wildfire risk and how to use sustainable forest management to minimize the adverse impacts of future wildfire in uncertain climatic times.

**Dave Lasky** is the director of Fire Management for the Forest Stewards Guild and the module lead for the Gravitass Peak Wildland Fire Module, and he has spent 20 years in fire management. He has worked as a suppression firefighter with extensive experience in Colorado's Front Range and its recent history of catastrophic fires in the Wildland Urban Interface (WUI). Mr. Lasky has had a diverse career, from running Daylight Again Restoration Forestry, which used draft horses as the motive power source, to many years as an engine boss, and serving on Type 2 and 3 Incident Management Teams. He spent three years as the lead for the Four Mile Fire Crew, working with landowners and state and federal partners to build fire resilient communities. A qualified burn boss and incident commander, Mr. Lasky now focuses on workforce development and social justice issues to increase the pace and scale of prescribed fire implementation.

**Megan Matonis, PhD.** is the Intermountain West regional manager with the Forest Stewards Guild. Having previously worked at the Rocky Mountain Research Station and with Colorado State Forest Service, Dr. Matonis has significant research and outreach experience in fire ecology, forest ecology, and fire management. Her dissertation research focuses on collaborative landscape-scale restoration of ponderosa pine and dry mixed-conifer forests along the Colorado Front Range and Uncompahgre Plateau. Notably, Dr. Matonis is a co-author on a highly-regarded general technical report on restoration treatments in ponderosa pine forests.

**Corrina Marshall** is the Intermountain west regional coordinator with the Forest Stewards Guild. She project manages several next generation community wildfire protection plans that the Guild is developing. She has extensive experience in private working lands conservation across the West and Midwest. Her career spans the gap from prescribed fire and ecological restoration implementation projects to community engagement with federal, state, non-profit, and private partners.

# Fire-Resistant Landscapes and Construction

Tuesday, December 15, 2020 | 10:00 am - 5:00 pm CST (incl. 30 min. break)

**Tuition:** \$299 per registrant, \$199 per registrant for three or more

**Credits:** Professional Engineers: 6.0 PDHs    Architects: 6.0 HSW CE Hours    AIA: 6.0 LU|HSW  
Landscape Architects: 4.0 HSW CE Hours    LA CES: Pending  
International Code Council: .6 CEUs (Fire)

## Defining the Problem

Historical and ecological context  
Suppression and other answers  
Effect of fire on the built environment

Causes and consequences of wildfire  
General media and sociological perceptions

## Fire Science

Types of fire of concern  
Research findings

Heat transfer and structural ignition

## Planning Tools

Land use planning  
Overview of codes and standards

State and local fire planning

## Principles for Fire-Resistant Landscaping

Defensible space vs. survivable space  
Using rock, stone, and other fire-resistant materials  
Plant characteristics  
Trees and shrubs  
Maintaining landscaping

Using the zone concept for landscape plans  
Organizing plantings  
Grasses and groundcovers

## Fire-Resistant Components

Fire-resistant building materials and construction  
Roofs, walls, doors, windows, etc.  
Decks and patios

Retaining walls  
Paths and walkways

## New Construction vs. Existing Construction

Starting developments right from the beginning  
Designing a new fire-resistant structure  
Follow-up maintenance

Retrofitting existing structures

20 USFRLSAC 12 15 WEBR TC

## Presented by

**Jerry McAdams** *Senior Captain - Wildfire Mitigation Specialist for the Boise Fire Department in Boise, Idaho* Mr. McAdams has over 20 years of experience working in the fire service in both operations and prevention. He has served on the Board of Directors for the International Association of Wildland Fire (IAWF), and on the Editorial Board for *Wildfire* magazine. He is an experienced IAAI certified fire investigator, and also holds certifications as an ICC Fire Inspector I, II and Fire Plans Examiner. Mr. McAdams is an NFPA Certified wildfire mitigation specialist (CWMS) and works as a contract instructor for NFPA, teaching courses nationwide on ignition vulnerabilities for wildland fire. He has been a guest speaker/panelist for several online webinars, as well as presenting at numerous national and international conferences. In 2018, Mr. McAdams started MC Fire, LLC, to provide professional consulting services to individuals and businesses seeking to mitigate their risks from the threat of wildfire. He has a Bachelor's degree in Psychology from Boise State University and has finished half of the coursework toward an MBA.

## Brett Van Paepeghem

*Southern Idaho Project Manager – Idaho Firewise*

Mr. Van Paepeghem is a 4th generation Idaho native. He holds an AAS degree in Horticulture and BAS degree in Biology with specialization in Botany and Ecology from Boise State University. He has worked for the US Forest Service and the Bureau of Land Management. In June of 2014 he joined Idaho Firewise as the Southern Idaho project manager where he manages the Idaho Firewise Garden and has collaborated with various agencies on the development of several Firewise demo landscapes throughout Idaho.

# Additional Learning

## GNSS Surveying: Principles and Practices

- Wed., Dec. 2, 2020 | 9:30 am - 5:00 pm CST

## Boundaries and Easements

- Wed., Dec. 2, 2020 | 11:00 am - 2:30 pm CST  
- Thurs., Dec. 3, 2020 | 11:00 am - 2:30 pm CST

## Pruniversity:

### Plant Health Through Pruning

- Thurs., Dec. 3, 2020 | 9:00 am - 5:00 pm CST

## Structural Forensic Engineering

- Fri., Dec. 4, 2020 | 7:30 am - 3:30 pm CST

## AIA Contract Document Workshop

- Mon., Dec. 7, 2020 | 9:00 am - 5:00 pm CST

## Stormwater Basins

## and Underground Systems

- Tues., Dec. 8, 2020 | 9:00 am - 4:30 pm CST

## Soil Mechanics and Slope Stabilization, Failures and Repairs

- Tues., Dec. 8, 2020 | 10:00 am - 1:45 pm CST  
- Wed., Dec. 9, 2020 | 10:00 am - 2:15 pm CST

## SketchUp for Building Professionals

- Tues., Dec. 8, 2020 | 11:00 am - 2:45 pm CST  
- Wed., Dec. 9, 2020 | 11:00 am - 2:45 pm CST

## Construction Cost Estimating

- Wed., Dec. 9, 2020 | 8:30 am - 3:50 pm CST

## Technical Writing Workshop for Engineers

- Wed., Dec. 9, 2020 | 8:30 am - 5:00 pm CST

## Webinar Instructions

Each webinar session earns continuing education credit and can be registered for individually. All attendees must log-on through their own email – attendees may not watch together if they wish to earn continuing education credit. HalfMoon Education Inc. must be able to prove attendance if either the attendee or HalfMoon Education Inc. is audited.

Certificates of completion will be available for download and printing upon completion of a follow-up quiz with at least 80% accuracy.

Webinars are presented via **GoToWebinar**, an easy-to-use application that can be run on most systems and tablets. Instructions and login information will be provided in an email sent close to the date of the webinar. ***It is highly recommended that you download, install and test the application before the webinar begins by clicking on the link in the email.***

### GoToWebinar system requirements:

**Operating System:** Windows 7 - 10, Mac OSX 10.9 (Mavericks) - macOS Catalina (10.15), Linux, Google Chrome OS, Android OS 5 (Lollipop) - Android 9 (Pie), iOS 10 - iOS 12, Windows Phone 8+, Windows 8RT+

**Web browser:** The two most recent versions of Google Chrome or Mozilla Firefox  
**Internet connection:** Minimum of 1Mbps, Mobile: 3G or better (WiFi Recommended)  
**Hardware:** 2GB of RAM (minimum), 4GB or more of RAM (recommended)

**For more information visit the “Support” section at [www.gotowebinar.com](http://www.gotowebinar.com).**

## Drones in Construction

- Fri., Dec. 11, 2020 | 10:00 am - 4:50 pm CST

## Introduction to HEC-HMS Modeling

- Mon., Dec. 14, 2020 | 8:30 am - 4:00 pm CST

## Complying with the 2021 Commercial Provisions of the Energy Conservation Code

- Tues., Dec. 15, 2020 | 8:30 am CST - 5:00 pm CST

## Structural Forensic Engineering

- Wed., Dec. 16, 2020 | 10:00 am - 1:45 pm CST  
- Thurs., Dec. 17, 2020 | 10:00 am - 2:15 pm CST

## Mapping, Managing, and Regulating Floodplains

- Tues., Dec. 15, 2020 | 11:00 am - 3:00 pm CST  
- Wed., Dec. 16, 2020 | 11:00 am - 2:30 pm CST

## Reading, Interpreting and Writing Land Descriptions Workshop

- Thurs., Dec. 17, 2020 | 9:00 am - 4:00 pm CST

## International Residential Code 2018

- Fri., Dec. 18, 2020 | 8:30 am - 4:45 pm CST

## Preventing and Addressing Construction Defects and Failures

- Mon., Dec. 21, 2020 | 8:30 am - 5:00 pm CST

For more information and other online learning opportunities visit: [www.halfmoonseminars.org](http://www.halfmoonseminars.org)