





Who Will Benefit

This interactive, expert-led training—based on scientific research on how homes and other structures ignite during wildfires—covers wildfire behavior, structure exposure, and the concepts of the Home Ignition Zone and Structure Ignition Potential. The training is designed for anyone who deals with wildfire control and mitigation, including individuals who want to help keep their home, family, and community safer from wildfire.

-  Homeowners
-  Business owners
-  Whole communities
-  Fire and life safety educators

This training covers concepts and best practices related to assessing and mitigating structure ignition potential from wildfire, including how wildland-urban fire disasters occur, how to assess a structure's ignition potential, which factors increase home ignition potential, the role of the home ignition zone (HIZ), and how to identify and effectively recommend mitigation options.



register now



Register

Help Protect Your Community with Wildfire Mitigation Training from NFPA-Approved Instructors.

NFPA Instructor:
Steve C. Markason

REGISTER



Scan For Date and Time

Certificate of Completion, Digital Badge and 1.4 CEU's awarded. Attendees can purchase a copy of the NFPA® 1140 with a 15% discount. Attendees will receive a free 90-day trial subscription to NFPA LiNK®.

You will be enrolled at the NFPA Learning Portal within 24 - 48 hours of payment.



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Assessing Structure Ignition Potential from Wildfire (ASIP)

NFPA® APPROVED TRAINING



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About Steve

Steve Markason formed Teton Wildfire Mitigation Team LLC after working for the U.S. Forest Service for 27 years.

Steve retired as the North Zone Division Chief (FMO) on the Bridger-Teton Forest in 2020 and held several fire management positions during his tenure with the Forest. As TWMT LLC Principal, Steve has carried his experience forward working with homeowners, HOAs, Guest Ranches, and Fire Departments. He is an independent contractor with Coalitions & Collaboratives and IDG/NFPA, teaching mitigation courses nationwide.

Steve values his relationships with community stakeholders, homeowners, natural resource managers, and government cooperators at all levels.



More Information

Teaching Methods

Live Virtual, In-Person

Language

English

Travel Preferences

Domestic, International



Course Objectives



Module 1: Introduction and Overview

- Establish a historical context of wildfires associated with home destruction
- Establish an ecological context of wildland fire occurrence
- Appropriately define the WU fire problem to guide an effective approach for preventing WU fire disasters



Module 2: Wildland-Urban Fire Characteristics

- Show the residential patterns resulting from extreme wildland-urban (WU) fire conditions
- Describe how WU fire disasters occur
- Discuss the implications of how home destruction occurs and the opportunities for effective WU mitigation



Module 3: Home Ignition and the Home Ignition Zone (HIZ)

- Understand the basic fire science of how home ignitions can occur
- Given an understanding of ignition, fire, and heat transfer, assess home ignition potential



Module 4: Preparing for the HIZ Assessment

- Organize the HIZ to systematically evaluate structure vulnerabilities
- Learn about how home ignitions occur from actual examples



Module 5: Conducting the HIZ Assessment

- Examine structures to identify and assess wildfire ignition vulnerabilities
- Develop recommendations for mitigating ignition vulnerabilities and reducing ignition potential during extreme wildfires



Module 6: The Benefits of Ignition-Resistant Structures

- Discuss benefits due to ignition-resistant homes for fire protection, life safety, wildfire suppression costs, and proactive fire management

"To meet the increasing global demand for NFPA expertise to address new safety challenges and evolving development needs, NFPA is now making NFPA training delivered by NFPA approved instructors available through a global network of authorized training providers."