

Assessing Wildfire Hazards in the Home Ignition Zone

2-Day Seminar

ASSESS HAZARDS AND RECOMMEND APPROPRIATE MITIGATION MEASURES
TO REDUCE THE LOSS OF LIVES AND HOMES FROM WILDFIRE!

**NFPA offers
Scholarship
Opportunity**

March 22-23

April 14-15

April 22-23

May 5-6

May 20-21

Sacramento, California

Phoenix, Arizona

Oklahoma City, Oklahoma

Portland, Oregon

Spokane, Washington

This seminar is offered through a Department of Homeland Security/FEMA grant! Learn more inside.



Wildfires are a problem in virtually every part of the United States, and wildfire agencies have largely been unable to reduce wildland/urban interface destruction through traditional fire response procedures. NFPA uses the latest knowledge and resources to bring you this 2-day seminar, which is designed to:

- Increase your understanding and competency in wildland/urban interface fire mitigation.
- Assist wildfire mitigation and prevention professionals, regardless of organizational affiliation, in assessing risks to individual homes in wildland, forested, or grassland areas.
- Encourage and make recommendations for corrective mitigation measures to residents and homeowner associations.



AGENDA

DAY 1

7:15 – 8:00 Registration and Continental Breakfast

8:00 – 10:00 **Wildfires and Home Destruction**

- Wildfire in the US – history and today
- Impact of wildfire emergencies on emergency service providers

10:00 – 12:00 **Dynamics of Wildfire and How Homes Ignite**

- Fire triangle
- Research that led to the home ignition zone concept
- Heat Transfer from wildfire - fire brands/embers, ground cover, high intensity fire
- How buildings burn when exposed to wildfire

12:00 – 1:00 Lunch

1:00 – 4:30 **The Home and Site**

- Construction — new research
- Attachments
- The space around the home
- Home survival in the wildland/urban interface

DAY 2

7:15 – 8:00 Continental Breakfast

8:00 – 9:30 **The HIZ (Home Ignition Zone) Concept**

- Introduce concept from Chapter 4 of NFPA 1144
- The local conditions around the home
- Overlapping HIZs

9:30 – 12:00 **Conducting the Evaluation – Pulling it All Together**

- Using and understanding of fire growth and development, building construction and potential hazards in the ignition zone to evaluate a structure

12:00 – 1:00 Lunch

1:00 – 3:00 **Conducting the Evaluation (Continued)**

- Developing mitigation recommendations

3:00 – 3:45 **Communicating Your Findings**

- Communicating evaluation findings and mitigation recommendations to the homeowner/occupant

3:45 – 4:30 **Moving Beyond the Home to Create Fire Adapted Communities**

- Where to go from here

Gain Accreditation

Earn 1.4 Continuing Education Units (CEUs) with the completion of the course.

CFEs from the Society of American Foresters will be available.

In addition, for a nominal fee, you will be able to take NFPA's Certificate of Education Achievement online exam to demonstrate proficiency in understanding the seminar topics.

Seminar Faculty

This seminar is taught by wildland fire specialists who have helped develop the course, as well as related NFPA codes and standards, serve on technical committees, and/or have direct experience in the field.



Choose From 5 Locations Seminar Hotels

☐ March 22-23, 2016

DoubleTree Hilton Hotel
2001 Point West Way
Sacramento, CA 95815

☐ April 14-15, 2016

DoubleTree Suites
320 North 44th Street
Phoenix, AZ 85008

☐ April 22-23, 2016

Residence Inn
400 East Reno Avenue
Oklahoma City, OK 73104

☐ May 5-6, 2016

Courtyard By Marriott Downtown
435 NE Wasco Street
Portland, OR 97232

☐ May 20-21, 2016

The Davenport Grand
333 West Spokane Falls Blvd
Spokane, WA 99201

Reasons You Should Attend

- 1** Expert Instruction - Learn from wildland fire specialists who helped develop the seminar and/or have direct experience in the field.
- 2** Learn to assess wildfire risks, eliminate hazards and develop mitigation recommendations for structures in wildland, forested and grassland areas.
- 3** Exercises and collaborative problem solving takes instruction beyond just knowing what's in the class material. You will develop skills to help to effectively conduct an assessment and enhance life safety.
- 4** Training materials packed with diagrams, illustrations and assessment tools. We provide everyone with the latest editions of NFPA 1141 and NFPA 1144.

Seminar Cost

NFPA was awarded an Assistance to Firefighters - Fire Prevention and Safety Grant from the Department of Homeland Security/FEMA to deliver these seminars at no cost to the participant. Each participant will receive complimentary registration, travel, lodging if needed, and two dinners. Continental breakfast, breaks and lunch will be provided during the seminar.

Who Should Attend

Priority will be given to members of local volunteer and paid fire departments. Eligible applicants also include state employees engaged in wildfire mitigation or response and tribal fire service members.

Apply Today for a Scholarship!

NFPA is offering scholarships to 175 firefighters across the United States to attend a seminar called, "Assessing Wildfire Hazards in the Home Ignition Zone." The seminar, held in five locations across the country this spring, teaches attendees the science behind wildland fire property loss and how to advise property owners about effective mitigation measures they can take to protect their home.

To apply, fill out the online application, visit www.nfpa.org/wildfire. Each location will accommodate 35 participants and is on a first come, first serve basis. Indicate on the form your top three choices. NFPA will make every effort to provide eligible applicants with their first choice of seminar location.

Please note: attendees will be asked following the seminar to conduct an assessment in their community.

Seminar Materials

- NFPA 1141, *Standard for Fire Protection Infrastructure for Land Development in Suburban and Rural Areas*
- NFPA 1144, *Standard for Reducing Structure Ignition Hazards from Wildland Fire*
- Student Handbook filled with exercises, photos and activities



Wildland Fire Operations Division
c/o National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169

Do you have a colleague that has an interest in assessing wildfire hazards in the HIZ and would benefit from this seminar? Please feel free to share.

Wildfires continue to destroy lives and property at unacceptable high rates in nearly every part of the US. Apply for this 2-day seminar at no cost to you!

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