



Climate Resilient - Wildfire Prepare Homes & Communities - Reference Materials Assembled by Ralph Bloemers, Director of Fire Safe Communities, Go Alliance
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Elemental: Reimagine Wildfire (Feature Film)

<https://www.elementalfilm.com>

Elemental takes viewers on a journey with the top experts in the nation to better understand fire. The film begins with stories from survivors from Paradise as the town ignited from wind-driven embers and burned within a few hours of the fire's start. Visit fire labs where researchers torch entire houses to learn why some homes burn and others survive. Learn from Native Americans as they employ fire to benefit nature and increase community safety as they have for thousands of years. Follow researchers who work to understand the effects of climate on forests and the crucial role that natural forests play in storing vast amounts of carbon. Listen to people who have survived the deadliest fires to underscore what we can all do to protect our homes in a hotter, drier world.

PBS Weathered - Wildfire & Insurance (Short)

<https://www.pbs.org/video/the-insurance-industry-cant-weather-another-wildfire-season-5q4yvw/>

As climate change makes housing riskier, the next real estate bubble looms.

PBS Weathered - Fast Fires (Short)

<https://www.pbs.org/video/is-this-type-of-fire-impossible-to-stop-etkhif/>

Fires are getting bigger and more homes are burning each year, but why?

Must Read Papers

Wildland-urban fire disasters aren't actually a wildfire problem

<https://www.pnas.org/doi/10.1073/pnas.2315797120>

This short 4-page paper summarizes the problem, how we need to redefine our understanding of the problem, and the solutions for protecting communities.

A More Effective Approach for Preventing Wildland-Urban Fire Disasters

Jack Cohen, PhD; Research Physical Scientist; US Forest Service, retired

<https://static1.squarespace.com/static/61ef51b68cfef85e3fed8d43/t/6340520e899c747a294725bf/1665159696338/Dr.+Jack+Cohen+Wildland+Urban+Fire+Primer+for+Elemental+Viewers.pdf>

Key Resource on Wildfire Mitigation and Management

Wildfire Mitigation & Management Report (Sept. 2023)

<https://www.usda.gov/sites/default/files/documents/wfmmc-final-report-092023-508.pdf>

This report has extensive information on how we prevent conflagration and policy recommendations focused on how we prepare communities for wildfire. This is a great report which can be cited to advocate for policies and mitigations that matter.

Relevant Resources on the Wildfire Prepared Home

Institute for Business and Home Safety - Wildfire Prepared Home

[IBHS Wildfire Prepared Home](#)

Wildfire Prepared Home - Checklist

<https://wildfireprepared.org/wp-content/uploads/WPH-How-To-Prepare-My-Home-Checklist.pdf>

Institute for Business & Home Safety - Vulnerability of Vents to Windblown Embers

[Vulnerability of Vents Report - IBHS](#)

Insurance Institute for Business & Home Safety - Home Mitigations that Matter

[Insurance Institute - Mitigations that Matter Report](#)

Headwaters Economics - Retrofitting a Home for Wildfire Resilience

[Headwaters Wildfire Retrofit Report](#)

Ember - Wildfire Defense Solutions

[Ember Proof Vents and Ember Resistant Products](#)

National Fire Protection Association

<https://www.nfpa.org/education-and-research/wildfire/preparing-homes-for-wildfire>

Examples of Local Policies & Programs

Marin Wildfire Prevention Authority - California (Advanced)

<https://www.marinwildfire.org/>

<https://www.fireaside.com/annual-reports/central-west-marin-county-2022>

Truckee Fire Community Wildfire Prevention - California (Advanced)

<https://www.fireaside.com/annual-reports/truckee-2023>

Boulder County Fire Prevention - Colorado (Advanced)

<https://bouldercounty.gov/disasters/wildfires/mitigation/>

Aspen Fire Mitigation - Colorado (Advanced)

<https://www.aspenfire.com/wildfire-mitigation>

Wildfire Partners Program - Boulder County, Colorado (Advanced)

<https://wildfirepartners.org>

Ashland Fire Prevention - Mitigation Project (Advanced)

<https://ashlandoregon.gov/959/Ashland-Wildfire-Mitigation-Project>

Examples of State Policies & Programs

Wildfire Ready Neighbors - Washington (Nascent)

<https://wildfireready.dnr.wa.gov>

Oregon Wildfire Home Hardening Program (Nascent)

<https://www.oregon.gov/bcd/pages/firehardening.aspx>

California Office of Emergency Services

<https://www.caloes.ca.gov/office-of-the-director/operations/recovery-directorate/hazard-mitigation/california-wildfire-mitigation-program/cwmp-resources/>

Examples of Proposed State & Federal Policies & Programs

The Community Protection and Wildfire Resilience Act (US Congress)

<https://huffman.house.gov/media-center/press-releases/huffman-obernalte-introduce-bip-artisan-legislation-to-increase-wildfire-resiliency>

<https://huffman.house.gov/imo/media/doc/Community%20Protection%20and%20Wildfire%20Resilience%20Act.pdf>

SB-952 Personal income taxes: Fire Safe Home Tax Credits Act.(2023-2024)

https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=202320240SB952

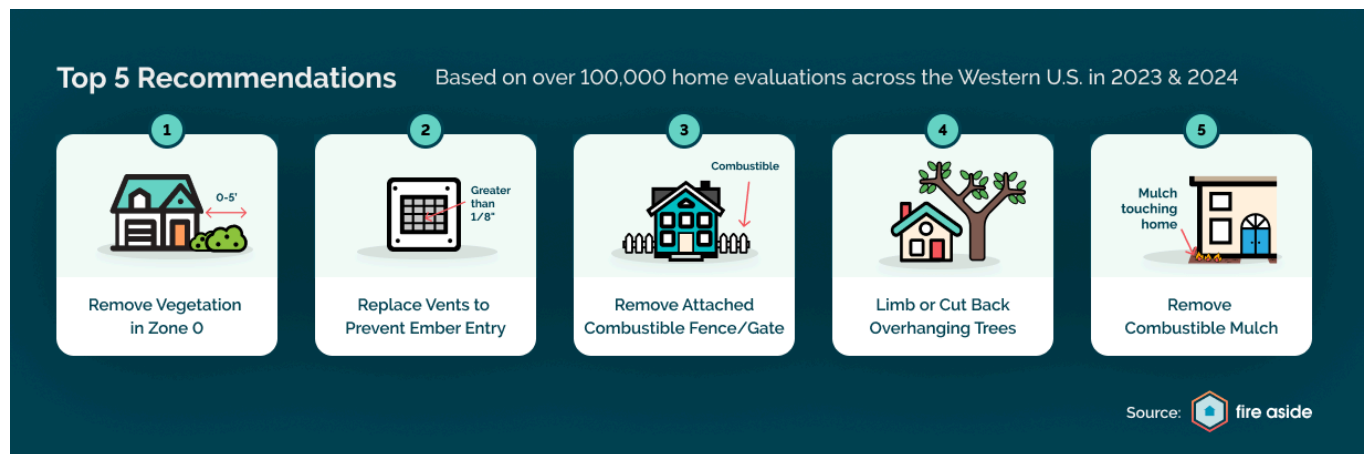
News Coverage of Laws, Policies on the Home Ignition Zone

California plans to ban plants and bushes within 5 feet of homes at risk for wildfires

<https://sf.curbed.com/2019/9/10/20858445/mill-valley-fire-wildfire-plant-prevention-council-vote>

“Zone Zero” Mandates Near Completion for High Wildfire Risk Areas

<https://www.sierraclub.org/sierra/zone-zero-mandates-near-completion-high-wildfire-risk-areas>



Fire Technologies

Watch Duty - Awareness, Evacuation, Tracking (Most Downloaded App in Summer, 2024)

<https://www.watchduty.org/>

Wildfire Prepared Home Assessment Tool (Used by Many Fire Departments)

<https://www.fireaside.com/>

Wonder Labs - State of FireTech (Overview of hundreds of fire technology companies)

[State of FireTech Report from Wonder Labs](#)

Reports on Past Fires (Explain How Loss Occurs, Identify Mitigations that Matter)

Reducing the Wildland Fire Threat to Homes: Where and How Much?

By Jack Cohen

https://www.fs.usda.gov/psw/publications/documents/psw_gtr173/psw_gtr173_04_cohen.pdf

Examination of the Home Destruction in Los Alamos Associated with the Cerro Grande Fire, July 10, 2000

https://www.fs.usda.gov/rm/pubs_other/rmrs_2000_cohen_i001.pdf

IBHS Early Insights - Lahaina Fire

Insurance Institute for Business & Home Safety

<https://ibhs.org/wp-content/uploads/IBHSEarlyInsights-LahainaFire.pdf>

Maui Phase 1 Report

Fire Safety Research Institute

<https://ag.hawaii.gov/wp-content/uploads/2024/09/Maui-Phase-2-Report-Press-Conference-Final-20240913.pdf>

An examination of the Lytton, British Columbia wildland-urban fire destruction

FireSmart BC

<https://firesmartbc.ca/wp-content/uploads/2022/05/An-examination-of-the-Lytton-BC-wildland-urban-fire-destruction.pdf>

Post-Fire Case Study for The 2023 Grouse Complex, BC 2023 (Kelowna, BC)

FireSmart BC

<https://firesmartbc.ca/research/post-fire-case-study-for-the-2023-grouse-complex-bc-2023/>