Reducing Wildfire Risk to Your Home and Outbuildings

June 29, 2021

University of Idaho Extension

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Workshop Summary

- · Get flammable material away from your home
- Keep fire and embers from getting inside your home
- If you live in the wildland-urban interface, don't landscape your lawn as you would in the suburban Midwest
- No guarantees, but can reduce risk
- Use common sense

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Wildfire Factors

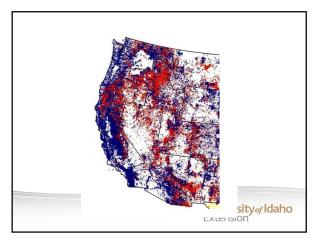
- Fuel
- Density and continuity of fuel
- Fuel moisture
- Topography
- Wind, humidity (weather)
- Ignition source
- Suppression resource availability

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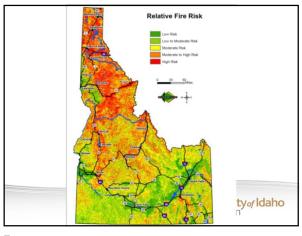
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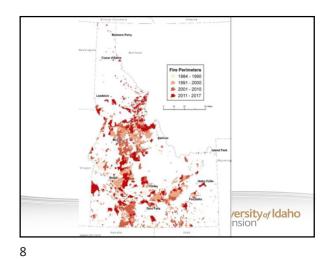
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 Wildfires' Impacts Are Growing Exponentially

 Number of wildfires,

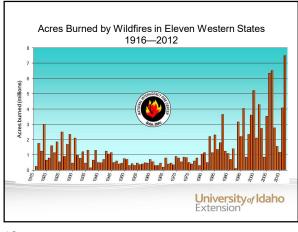
 larger than 100,000 acres

 in size, that burned each year

 Senator Maria Cantwell, Ranking Member

 Senator Senator Committee



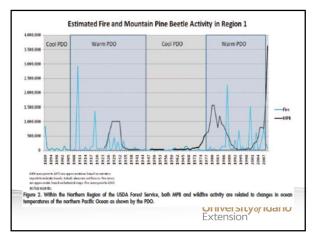




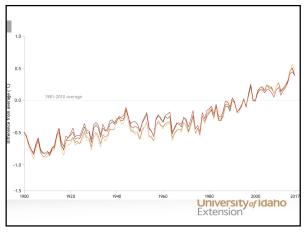
By households			By percent			By insured wildfire loss		
Rank		Households at high or extreme risk from wildfires (1)			Percent of households at high or extreme risk from wildfires			Largest insured wildfire loss (year)
1	California	1,989,100	1	Idaho	24.1%	1	California	\$1.7 billion (1991)
2	Texas	1,299,800	2	Colorado	16.9	2	Colorado	\$450 million (2012)
3	Colorado	373,600	3	California	14.5	3	Texas	\$530 million (2011)
4	Washington	163,400	4	New Mexico	13.6	4	New Mexico	\$140 million (2000)
5	Idaho	160,800	5	Texas	13.0	5	Arizona	\$120 million (2002)
6	Oregon	159,800	6	Utah	12.8	6	Idaho	NA
7	Arizona	159,100	7	Oregon	9.5	7	Nevada	NA
8	Utah	125,500	8	Washington	5.7	8	Oregon	NA
9	New Mexico	122,600	9	Arizona	5.6	9	Utah	NA





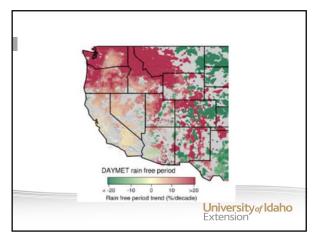


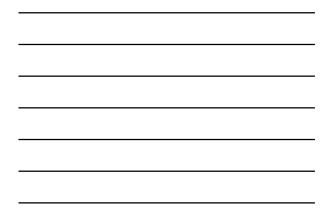


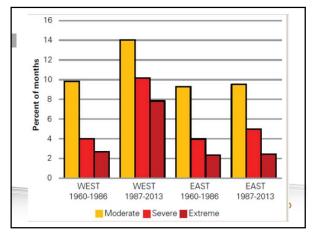




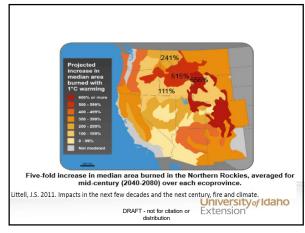




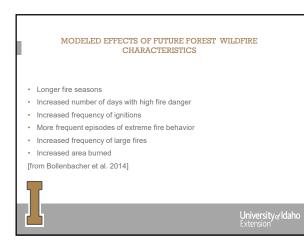


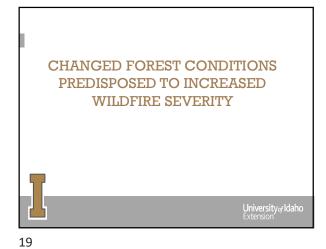


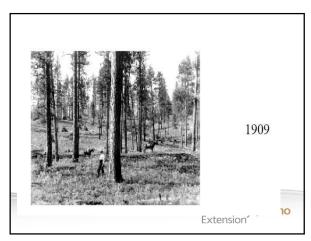




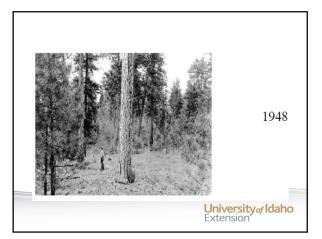




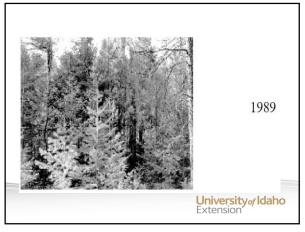




















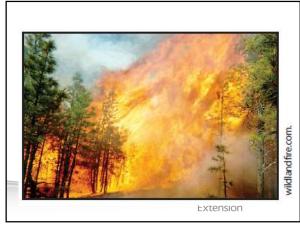






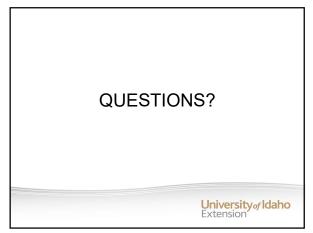


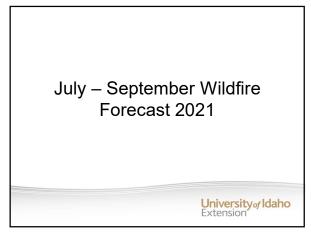


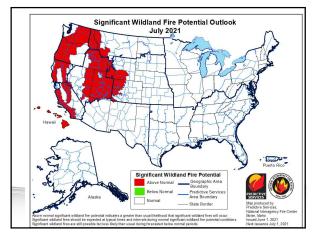


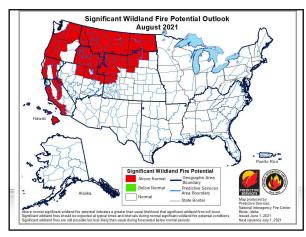




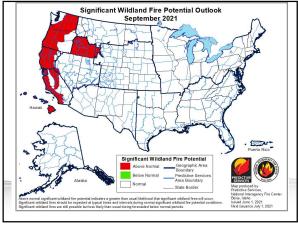




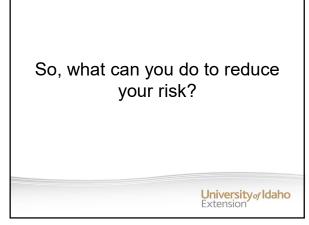


















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Even though this home had non-combustible roofing, embers from the Hickman Fire ignited the attic <u>days after</u> the blaze passed through the community.

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Open or unscreened foundation vents provided embers access to a vulnerable pier and beam foundation.







Combustible decks that aren't treated with fire-resistant paint or chemicals are more likely to catch fire.









EMBER VIDEO









home. Note the green trees on each side of the home did not catch fire, which means they were not contributing factors.





A combustible fence served as a pathway, leading fire right up to this modular home on the Willow Creek South Complex.



RENO VIDEO

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Things to Keep in Mind

- Wildland firefighters vs. structural firefighters
- Defensible vs. survivable space
- Triage
- No guarantees, but risk reduction practices can increase the odds that your home will survive wildfire



