

STRENGTHENING THE SURVIVABILITY AND INSURABILITY OF ARIZONA HOMES

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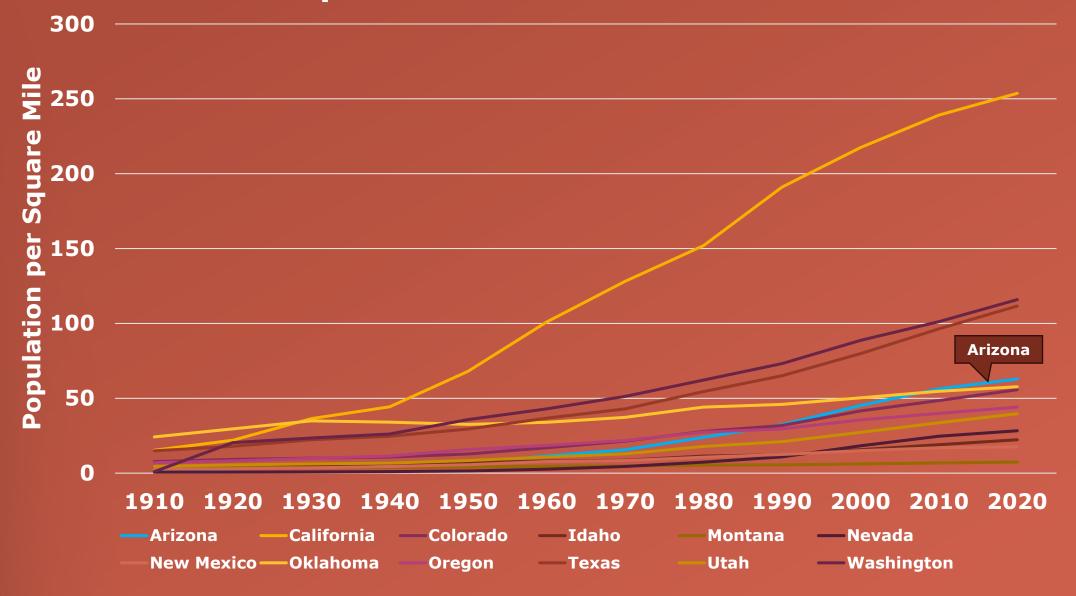








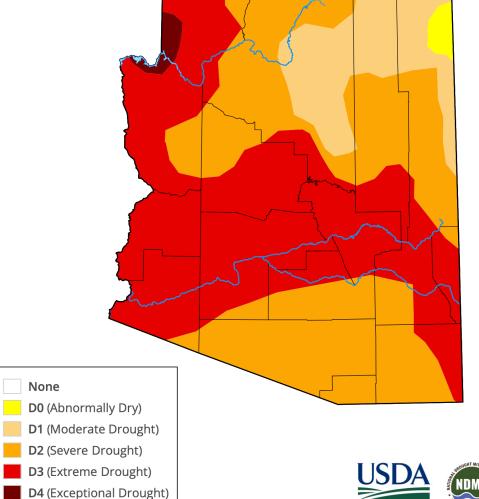
Population Boom in the West



Long-Term Drought As of January 2025

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Short-Term Drought As of Feb 13, 2025

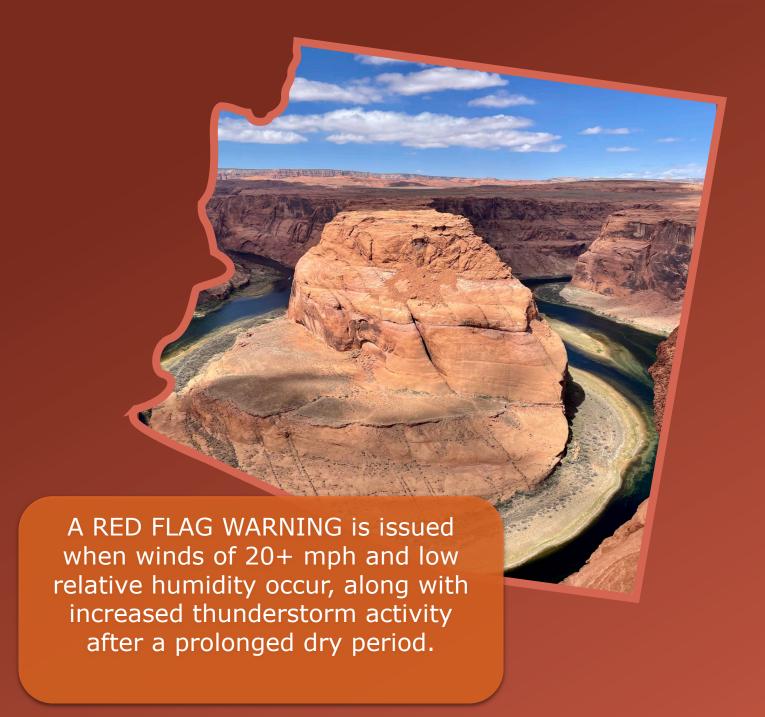








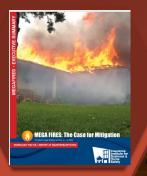




Hot and dry conditions present early in the monsoon season can allow fires to spread quickly by thunderstorms that produce little rain, but gusty winds and lightning.

THE RACE IS ON

Witch Creek Fire Investigation



Ember Attack & Radiant Heat



Ember Characterization



Fire Spread



2016

2013

2007

2012

NST



Vents

2014



Vulnerability of Decks

Waldo Canyon Fire Investigation

NIST

20

SCIENCE IS CATCHING UP

Coatings & Gels

Home Hardening

Roof Cover Performance Structure Separation & Wind-driven Fire



Maui Fire Investigation

2021

2022

2023

2017

2018

2020



2019

Home Ignition Zone

Marshall Fire Investigation



Fuel Breaks



Wine Country Fires & Camp Fire Investigations

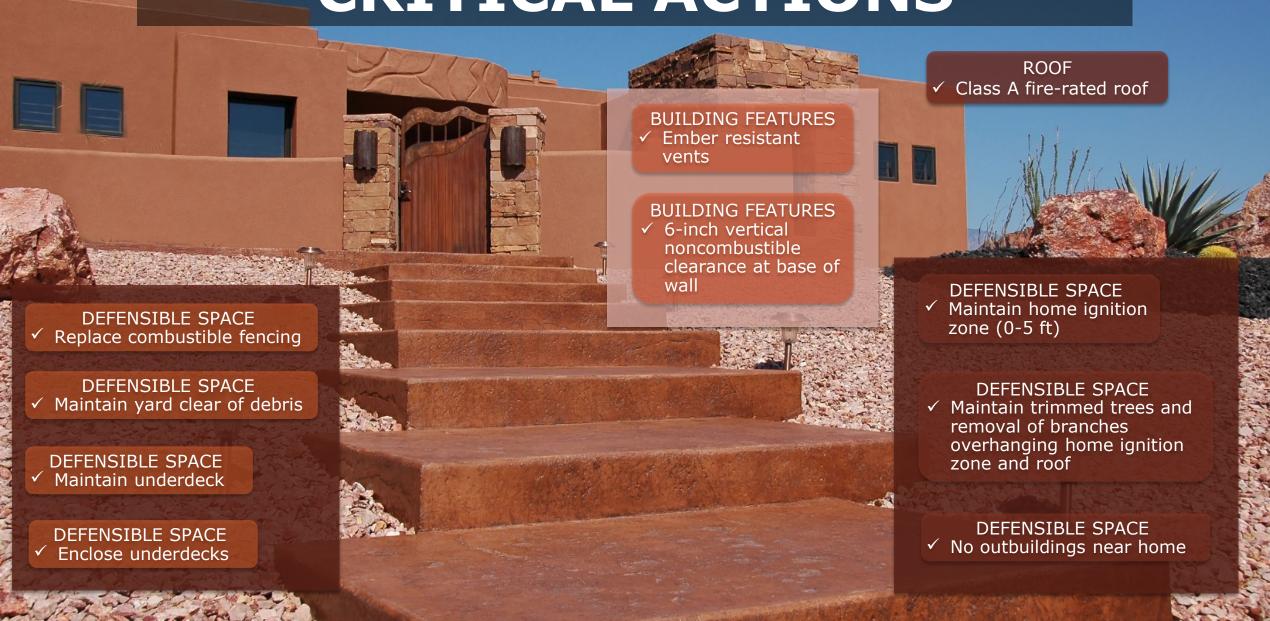








CRITICAL ACTIONS











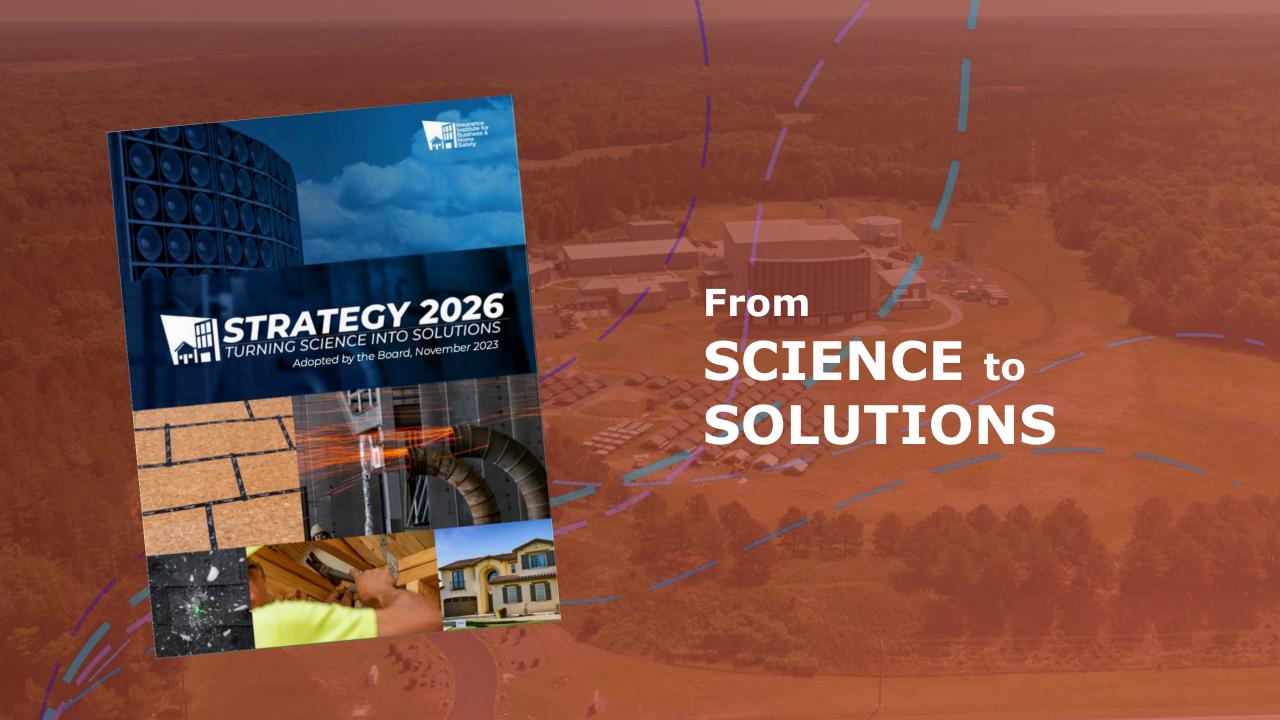












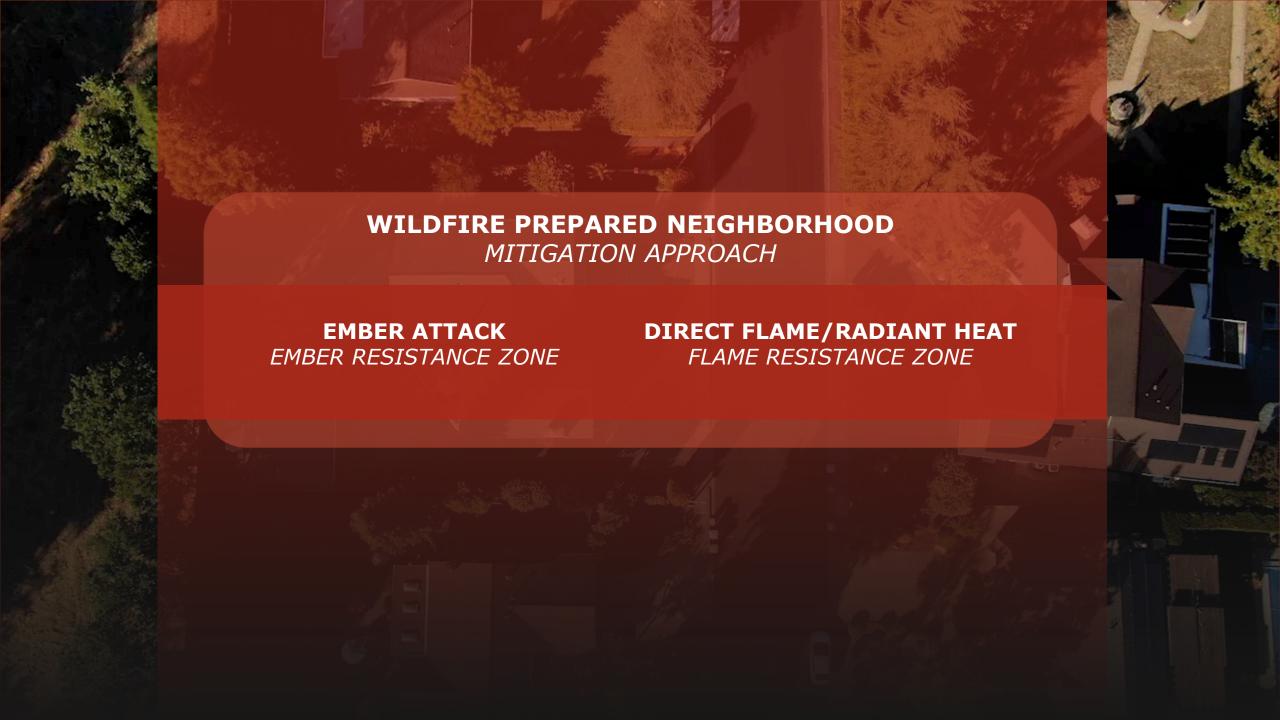


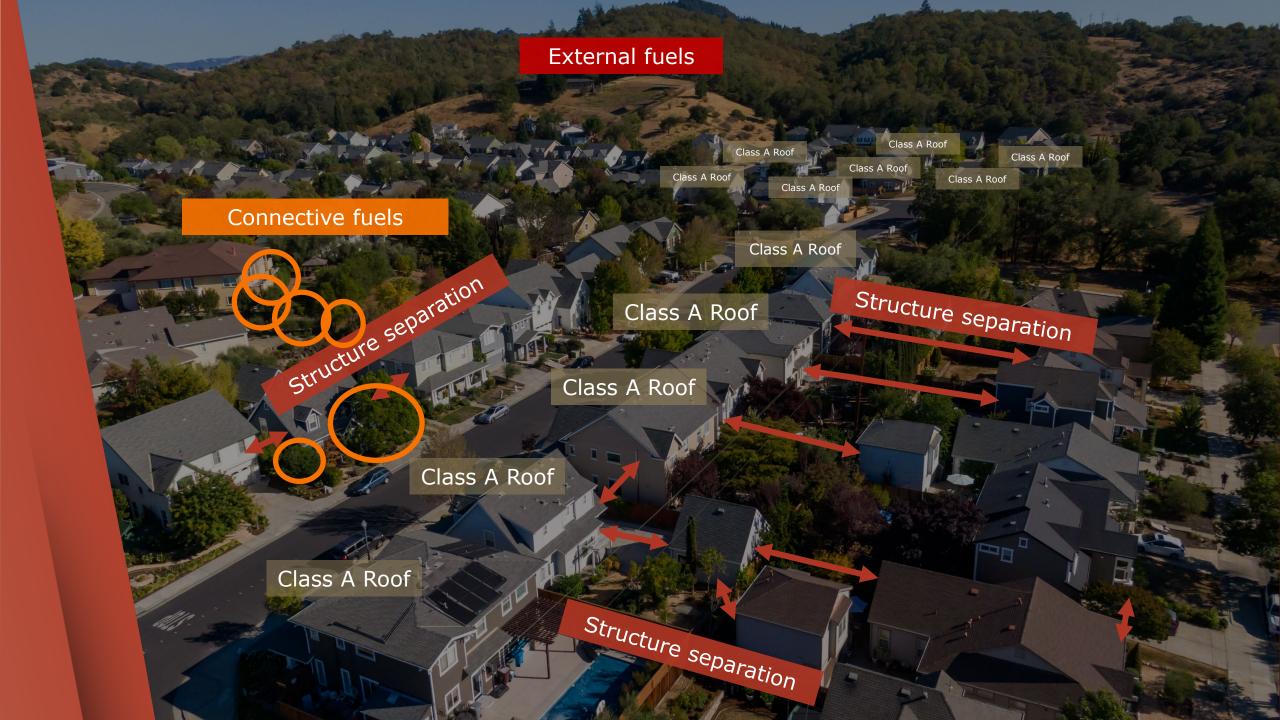


Develop a system of neighborhood protections that meaningfully reduces the probability of conflagration

Provide a benchmark for understanding the risk of conflagration in communities







HARD MARKET DRIVERS







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