



Who are we? What do we do? Why do we do it?

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Community Risk Reduction

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WILDLAND FIRE MANAGEMENT



Our Mission: Increase and maintain wildfire resilience for the City of Flagstaff, Summit Fire & Medical District, and priority watersheds. **Our Vision:** We envision a community where Flagstaff thrives due to the Wildland Fire Management Division's unique skills, knowledge, and abilities within Wildland Fire Operations, Forest Management, Firewise Development, and Wildland Urban Interface Code Enforcement.

Initiatives

- Flagstaff Watershed Protection Project
- Flagstaff Carbon Neutrality Plan
- National Emergency Response Support (Call-Out Program)
- Greater Flagstaff Forest Partnership
- Four Forest Restoration Initiative
- Federal Wildfire Mitigation and Management Commission
- Flagstaff Wildland Urban Interface Code
- Fire Adapted Communities Learning Network
- Prescribed Fire Training Exchange Network
- Hepa Air Purifier Distribution

Our Tactics (7 E's of Community Risk Reduction)

1. Work with partners to create & manage fire adapted **Ecosystems**
2. Develop and **Enforce** firewise codes and ordinances
3. **Engineer** a fire adapted built environment
4. Continuously improve **Emergency Response** based on lessons learned
5. **Educate** citizens on the natural role of forest fire and how to minimize smoke impacts
6. Support **Economic Incentives** that encourage wildfire risk reduction investments
7. Work in a way that **Enables** and inspires other communities to become fire adapted



Challenge

Social, economic and environmental impacts of unnatural, high severity forest fire







Fire Suppression and Exclusion



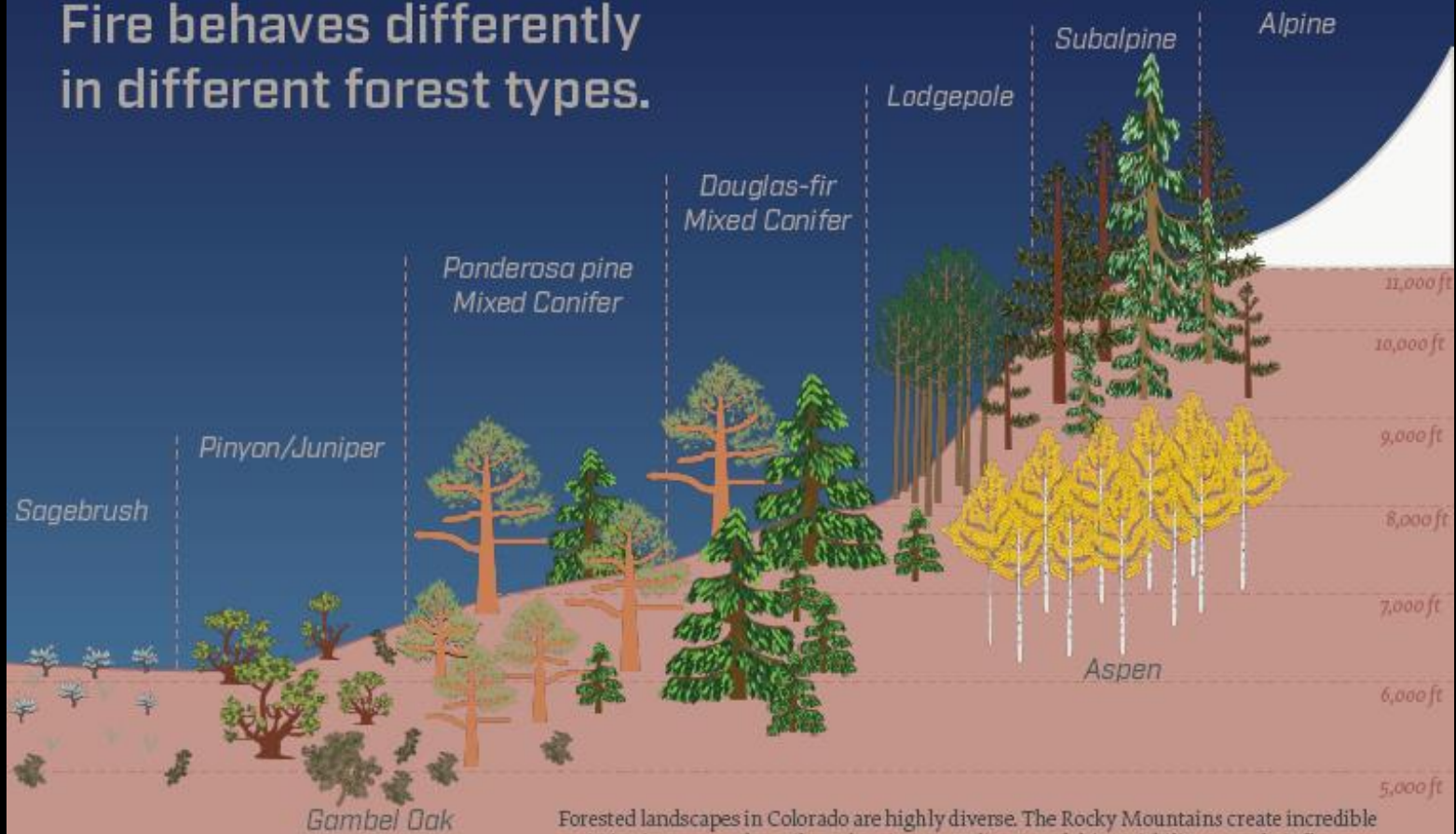


Photos taken at the
same location



"Fire is Local"

Fire behaves differently
in different forest types.



COLORADO FOREST
RESTORATION INSTITUTE

COLORADO STATE UNIVERSITY

Forested landscapes in Colorado are highly diverse. The Rocky Mountains create incredible variation in topography, soils, and moisture gradients, and this variability strongly influences the enormous diversity of understory and forest vegetation that grows in different places. Even with all this diversity, Colorado's forests can be divided into several major forest types distributed across elevation gradients, as illustrated above. Fire is a necessary component of all these vegetation types and is an important force in shaping the forests we see today. Fire provides crucial ecosystem services to these forests, such as nutrient cycling, clearing out dead or diseased trees or accumulated fuel, and creating opportunities for new trees to grow. Each of these forest types responds differently to fire; read on for more details.

Nature Based Solution to Reduce Undesirable Fire Effects

Restore the natural, fire adapted structure and pattern to Northern Arizona's Ponderosa Pine and Dry Mixed Conifer forests

Tools

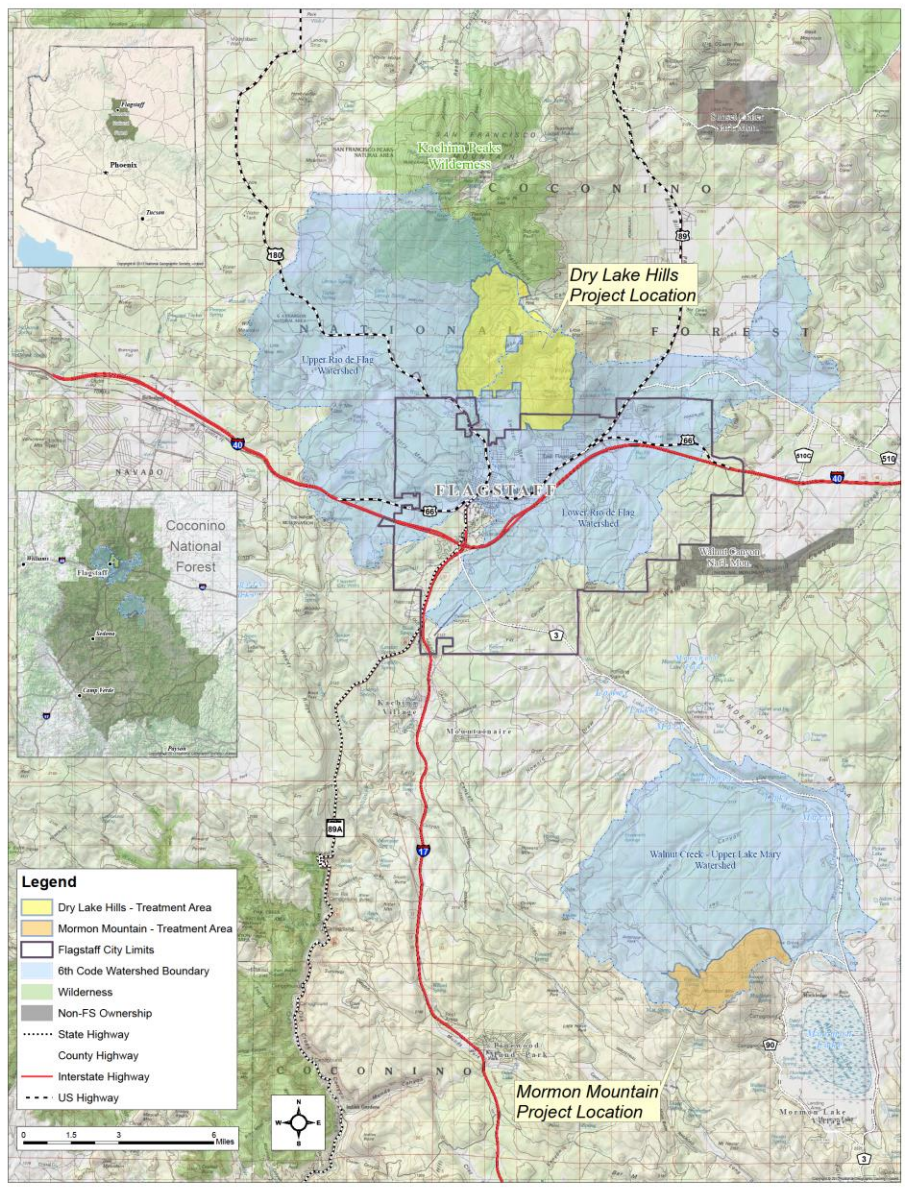
Thinning: Mechanical, Hand crew, Private Sector Capacity

Fire: Prescribed Fire, Wildfire that meets Forest Plan Objectives, Agency Capacity

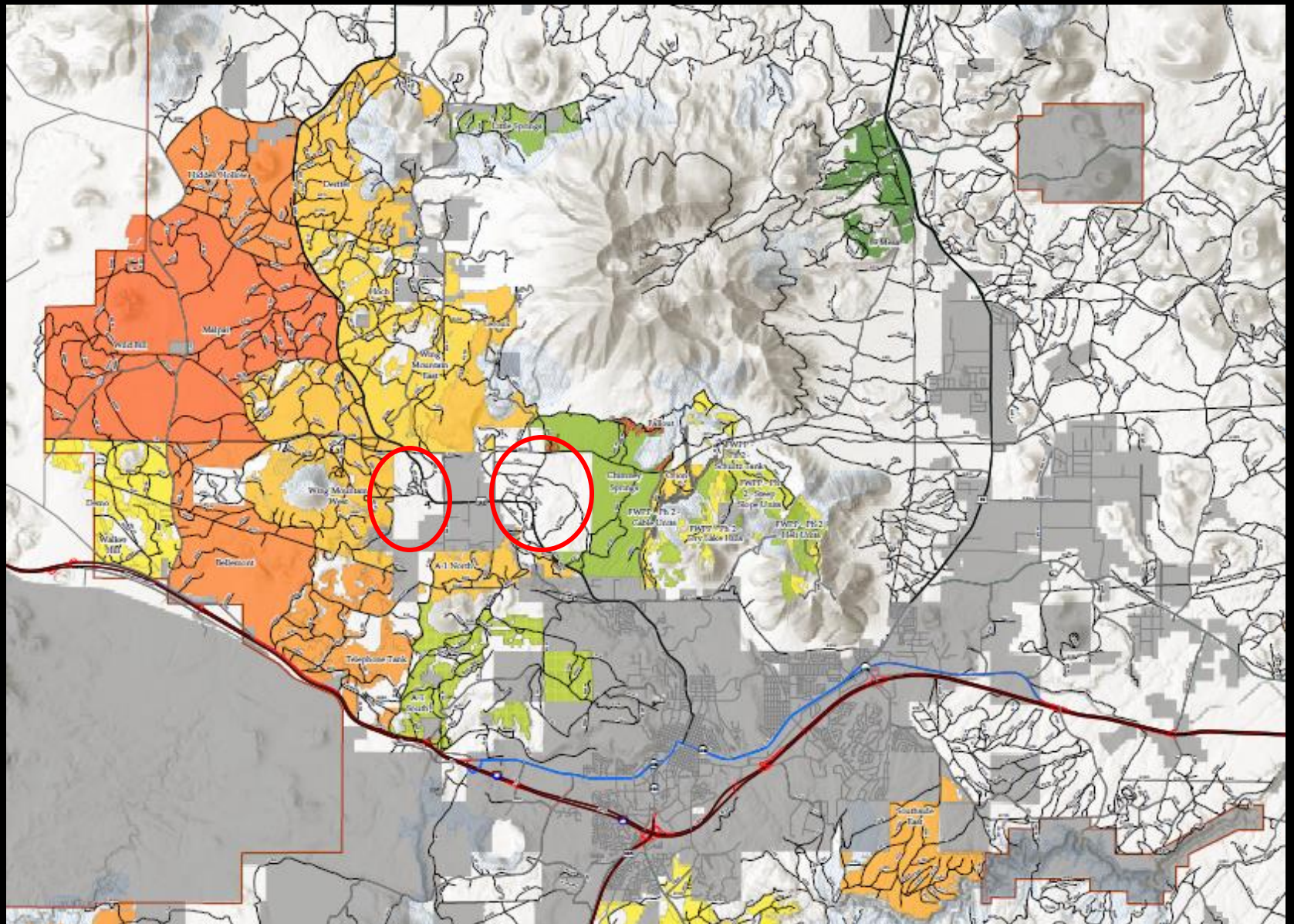


Flagstaff Watershed Protection Project

General Location of Treatment Areas



Upper Rio de Flag Watershed & Fort Valley Experimental Forest



Why should we fund forest thinning projects in Arizona?



It's good for the economy!

Here's what happened in Arizona's national forests in 2019...



6 million hikers generated
\$541 Million

Healthy forests are a vital resource for Arizona's many outdoor recreation activities.



5.6 million lovers of wildlife, birds and nature viewing generated
\$420 Million

Arizona has six national forests that hosted more than 13 million visitors in 2019!



1.2 million anglers generated
\$124 Million

A large wildfire means the closure of forest lands, trails, and access to rivers and lakes.



1 million campers generated
\$110 Million

Some facilities may be closed up to 10 years after a wildfire.



726,000 hunters generated
\$98 Million

Closure as the result of wildfires could cost the Arizona economy **BILLIONS** of dollars in revenue!

WIFA's Forest Thinning & Restoration Program



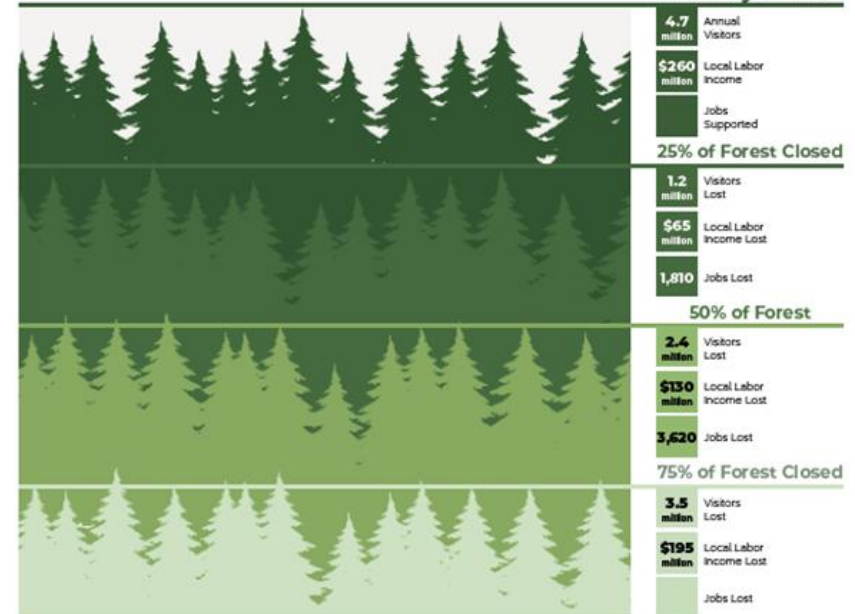
How do Healthy Forests Support Arizona's Economy?

Arizona's forests support environmental biodiversity and bountiful recreational opportunities for residents and visitors alike. They are also a vital source of income and tax revenues, create jobs, and support the livelihoods of millions of Arizona families. Taking proactive steps to ensure the future health and integrity of these lands through vegetative management and forest thinning practices is critical to protecting the environmental and economic resources they provide.

How are Arizona's forests supporting local economies? What would happen if these forests were damaged by a large wildfire and had to be closed?

Recent wildfires in Arizona forests have closed recreational facilities for months – some for years!

Recreational National Forest Area: **Coconino**





Turning a billion-dollar
challenge into healthy
forests, safe communities
and good jobs

