### Healthy Forests
Healthy forests are resilient to the impacts of insects, disease, climate change, and wildfire.

- **Ecosystem Resilience**
- **Safe Community**
- **Effective Response**

Healthy forests are safer and easier for firefighters to protect, and enables faster recovery of an ecosystem after a wildfire is out.

**What is a Forest Treatment?**
Simply put - Using scientific knowledge and specialty equipment to assist the forest in becoming more resilient through thinning (tree removal), prescribed burning, or both.

### FireAdapted Communities
Groups of professionals, citizens, and agency staff working together in a fire adapted community that accepts the risk of wildfire and works toward being more resilient when wildfires occur.

- **Prevention** - Be safe and smart with fire!
- **Firewise** - Home and community preparedness.
- **Community Plan** - Public and agency collaboration.

We are prepared for wildfires when everybody works together!

### Healthy Forests are better for everyone!

#### 7 Heavy Air Tankers
1,000 Evacuations
Human Caused
Power Outages for Threatened Vital
40 Miles of Fireline
2 Air Tankers
$100 million in lost
125 Acres
1,200 Firefighters
Impacted I-40
300 Firefighters
116 Evacuations
Water Pollution in Human Caused
22,000 Acres
Human Caused
282 Acres
Flagstaff
No Structures Lost
240 Firefighters
Woody Mtn. Road
Oak Creek Canyon
4 Helicopters
8 Miles of Fire Hose

### Hardy Fire
The Hardy Fire burned aggressively through a dense, untreated forest stand before entering areas treated just a few years earlier. This moderated fire behavior enough to allow safe and effective containment of the fire, keeping homes and communities safe.

#### Fire Facts
- **Treated Forest**
  - Before Wildfire
  - During Wildfire
  - After Wildfire

#### Untreated Forest
- Before Wildfire
- During Wildfire
- After Wildfire

### Slide Fire
Treatments in Oak Creek Canyon and above the canyon rim were pivotal in moderating fire behavior, allowing more time for evacuations, increasing firefighter safety and permitting safe and effective operational tactics to prevent fire spread toward the city of Flagstaff, resulting in successful containment of the fire.

#### Fire Facts
- **Treated Forest**
  - Before Wildfire
  - During Wildfire
  - After Wildfire

#### Untreated Forest
- Before Wildfire
- During Wildfire
- After Wildfire

### Woody Fire
Forest treatments implemented in the 1970's allowed firefighters to safely "fight fire with fire", burning out fuels in front of the advancing flame front. Additionally, recent treatments allowed for safe and rapid containment of spot fires ignited by embers drifting into treated areas ahead of the flame front.

#### Fire Facts
- **Treated Forest**
  - Before Wildfire
  - During Wildfire
  - After Wildfire

#### Untreated Forest
- Before Wildfire
- During Wildfire
- After Wildfire
Wildfire is inevitable, but we CAN influence its outcome. A full cost accounting of the Schultz Fire revealed overwhelming cumulative cost. The area could have been treated for a fraction of the total post-fire costs.

<table>
<thead>
<tr>
<th>Treatment Estimate * (if they occurred)</th>
<th>Schultz Fire Cost Estimate *</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2 - 15 Million</td>
<td>$133 - 147 Million</td>
</tr>
</tbody>
</table>

We cannot fireproof landscapes, but we CAN promote landscapes that are resilient to wildfires and yield ecological benefits. If forest treatments are not implemented, we may face significant ecological damage, community destruction, and potential loss of life.

Lessons Learned:
Identify and treat high-risk areas - especially those near communities and other vital infrastructure.

**What Can YOU Do?**

- Reduce the density of vegetation surrounding your home.
- Thin and prune trees and shrubs, then dispose of debris properly.
- Remove dead limbs, pine needles, debris and other plant or tree litter around your home.
- Clear roof and gutters of pine needles and debris.
- Mow grass and weeds to a low height.
- Store combustible materials inside or away from your house.
- Stack firewood away from structures.
- Replace flammable roofing, siding, eaves and decks with fire-resistant materials.
- Engage your neighbors. Set an example for your community and spread the word!

**Firewise Properties** are not only safer from wildfires, they can have higher property values and look great too! Being Firewise spreads like wildfire throughout your neighborhood and community!

**BE FIREWISE**

**For More Information Visit:**
Greater Flagstaff Forests Partnership - www.gffp.org
Fire Adapted Communities - www.fireadapted.org
Firewise - www.firewise.org

**Contact your local fire department:**
Flagstaff Fire Department - (928) 213-2500
Summit Fire Department - (928) 526-9357
Pinewood Fire Department - (928) 286-9885
Highlands Fire Department - (928) 525-1717
Ponderosa Fire Department - (928) 773-8933

*Rural Policy Summary, Northern Arizona University, 2013*