



The Walhamette River from a Mountain, Paul Kane, 1847

# Pyrodiverse Reasons for When, What, Firewood Where, Why, and How

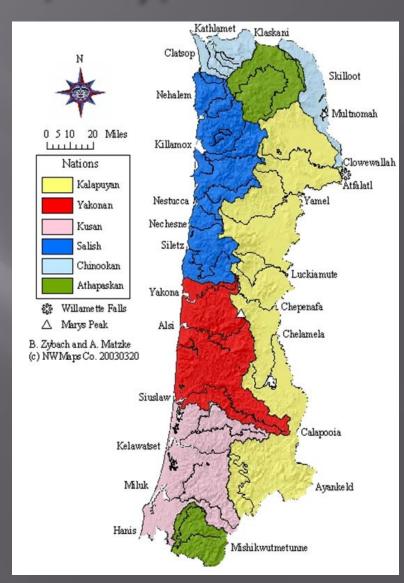
Heat, light, cooking, boiling, cleaning, celebration, ceremony

#### **Patch Burning**

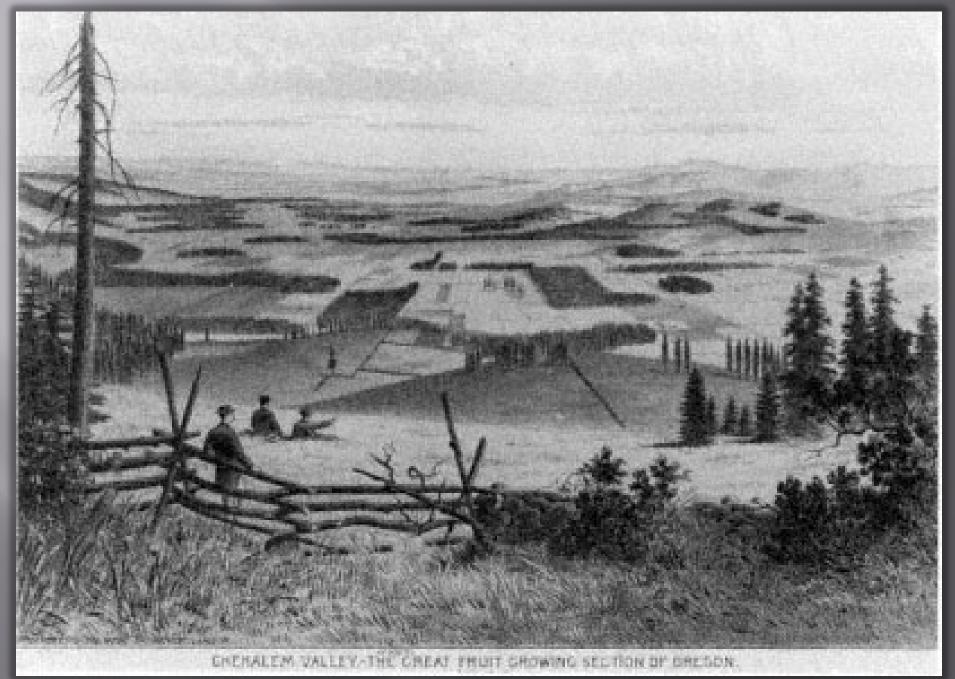
Hunting, berry patches, root harvest, pest control, weaving materials, trail maintenance, seasonal, situational

#### **Broadcast Burning**

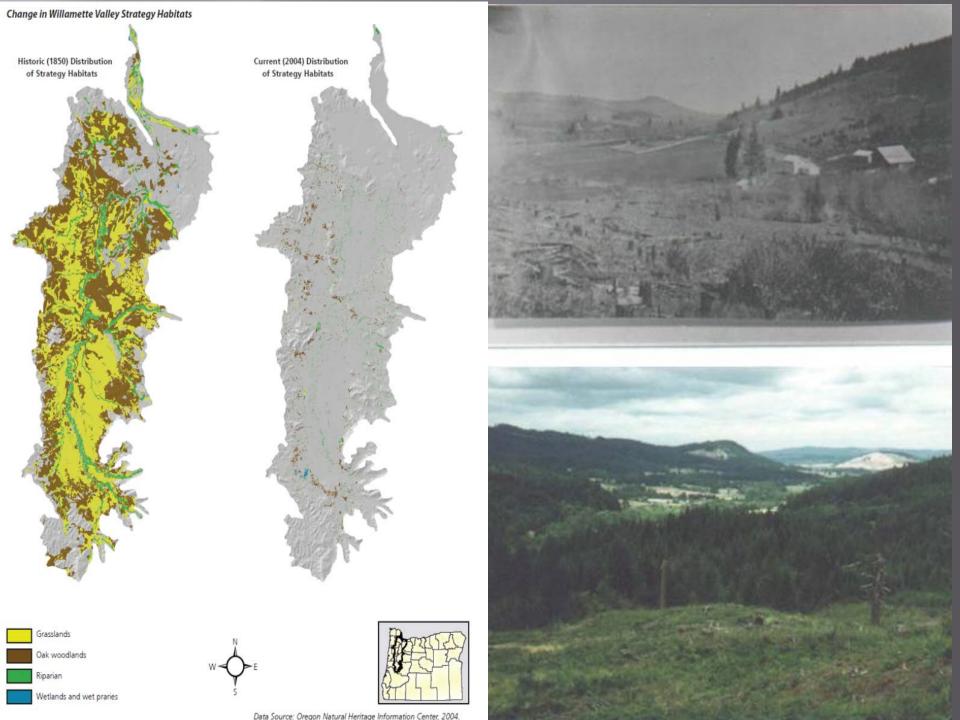
wildlife habitat; curing seeds; hunting; transportation; weaving materials; acorn harvest, late summer, early fall for grasslands. (Boyd 1986; Gilsen 1989).

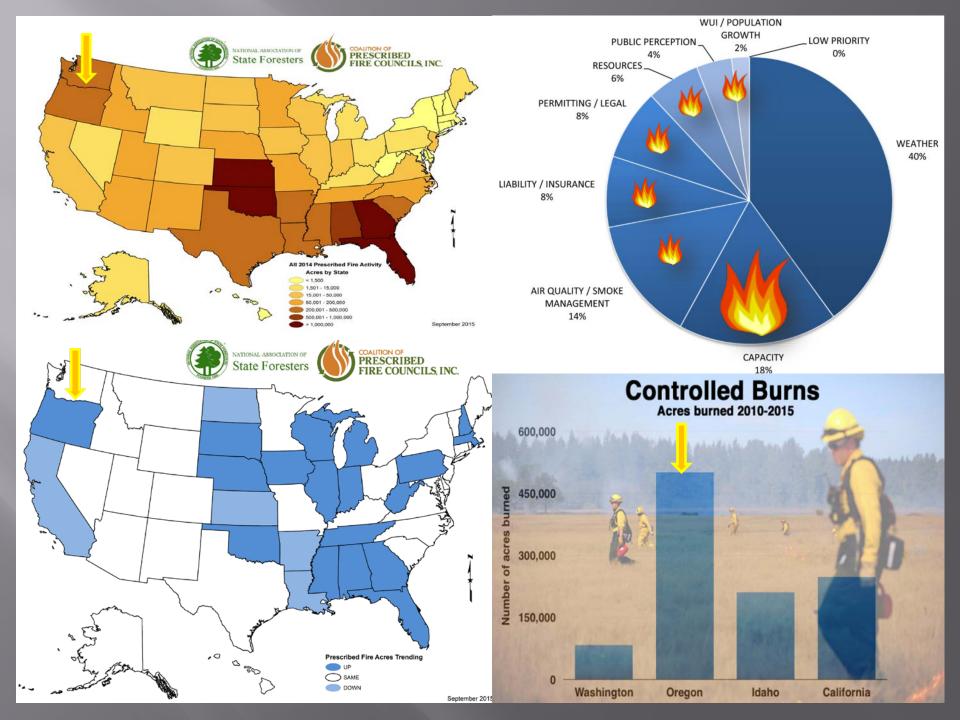


(Zybach and Lake 2003)



Oregon Historical Society









TREX models the principles of the Cohesive Strategy for Wildland Fire Management to enable successful co-management of wildland fire through the cultivation of cultural cross-pollination and an adaptive experiential learning and training environment

#### How is TREX supported?



The Fire Learning Network and TREX are supported by *Promoting Ecosystem Resilience and Fire Adapted Communities Together* (PERFACT), a cooperative agreement between The Nature Conservancy, USDA Forest Service and agencies of the Department of the Interior.

This institution is an equal opportunity employment provider.

TREX events are supported by a Master Participating Agreement between the USDA Forest Service and The Nature Conservancy



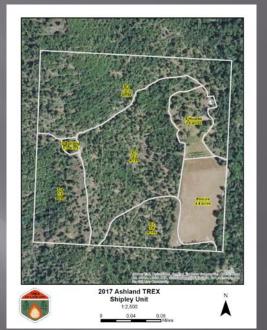
In 2008 The Nature Conservancy Fire Learning Network (FLN) designed a program that:

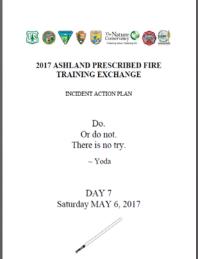
- **Builds Local Capacity for Safer Fire**
- Helps Communities Become More Fire Adapted
  - **Brings Together Diverse Crews**
- Gives Participants Hands-On Experience with Ecologically- and Culturally-Appropriate Fire
- Supports Interagency Cooperation
- Integrates Traditional Burning
- Works Through Bottlenecks in RX
   Workforce and Barriers to Burning

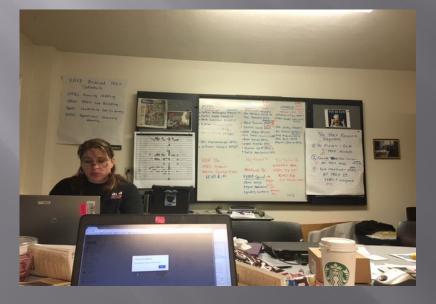


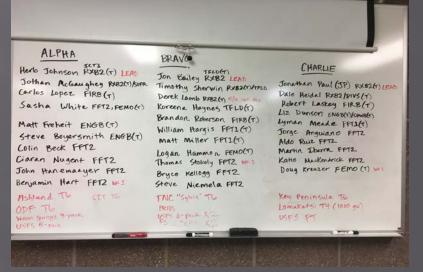
## Flexible Type 3 Incident Management Structure

Incident Commander
Operations
Planning
Logistics
Training Officer
Situation/GIS
Public Information Officer









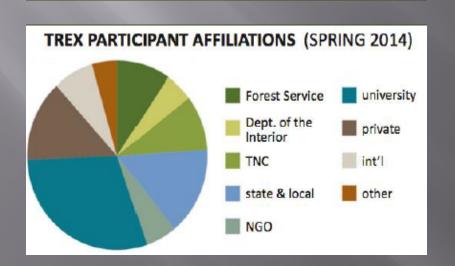
### Professional fire practitioners gain experience

#### Less traditional training partners gain skills to work more safely and effectively

 Private contractors, ranchers, landowners, students, scientists, researchers, regulators

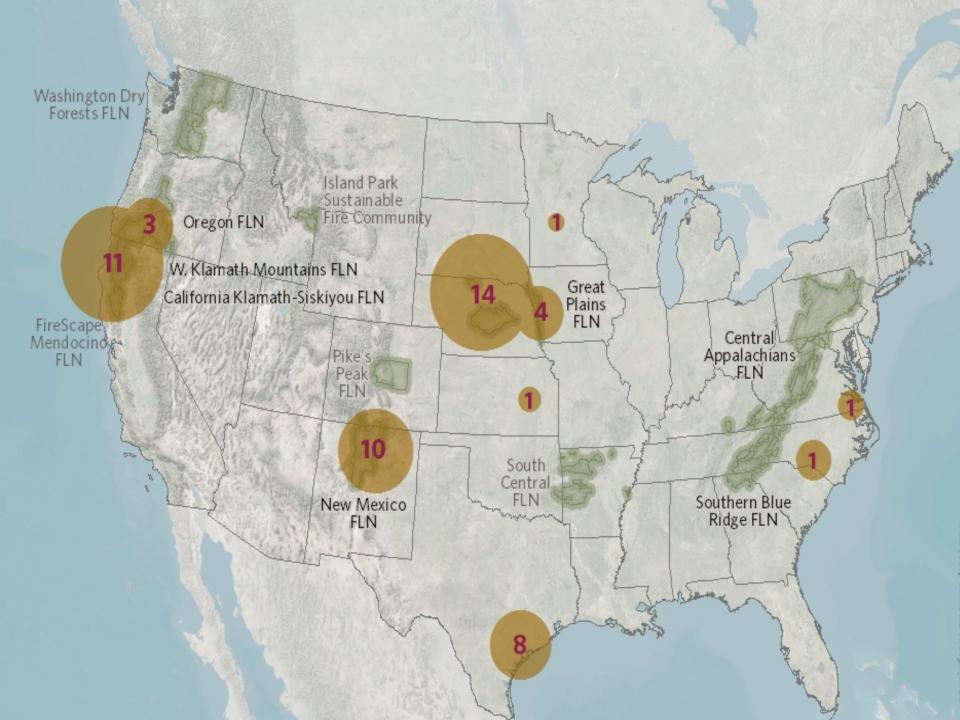
#### Diversify the workforce

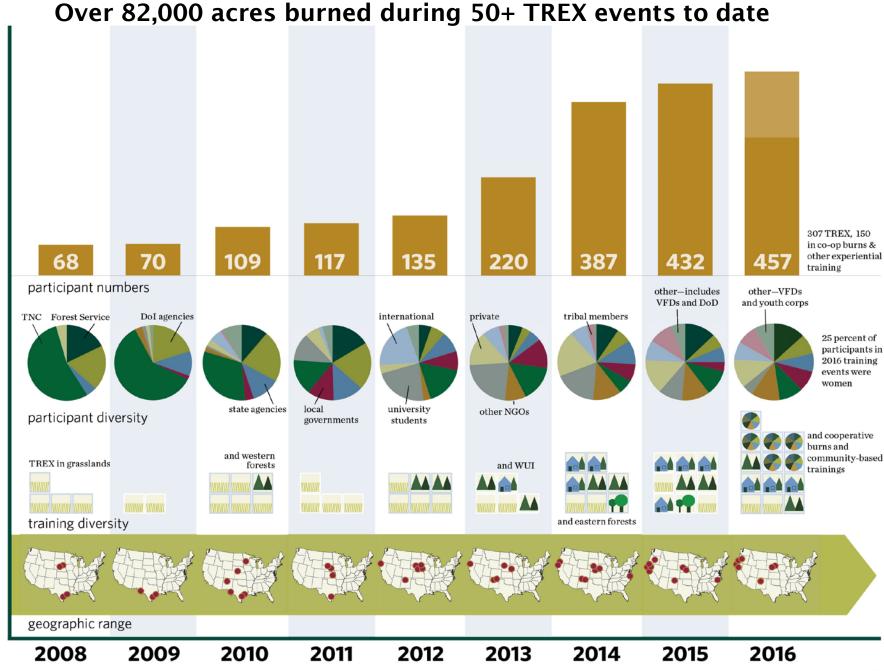
 Work with practitioners from other places and diverse backgrounds



### Meeting a Diversity of Training and Ecological Needs

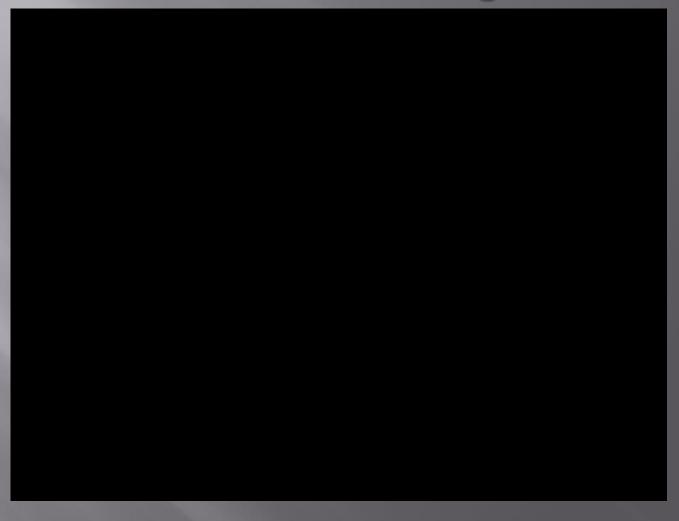
- Variety of ecological and social goals across a wide range of landscapes
- Monitor fire behavior and effects and write reports
- Regional fire ecology and local socioeconomic impacts of fire management
- Work with groups like prescribed fire councils and landowner associations
- Fire adapted community concepts

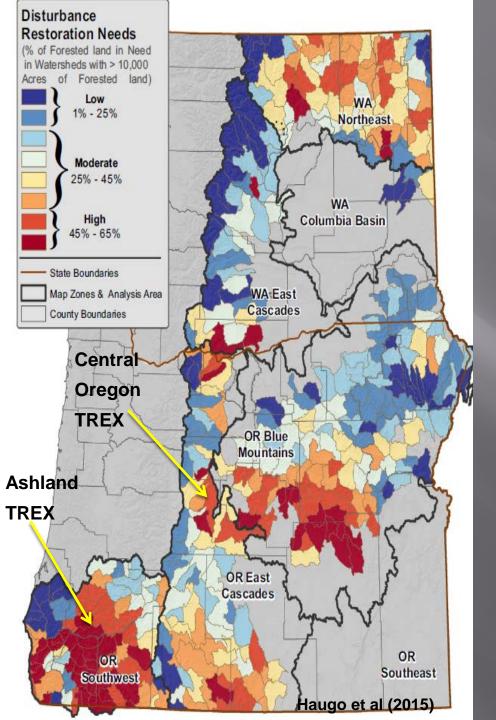






# 2015 Central Oregon Training Exchange First TREX in Oregon!





4.2 million acres at risk in Oregon and Washington

900,000 acres currently *planned* under NEPA for prescribed burning on fire-adapted USFS lands in Oregon

2016 Oregon Prescribed Burning			
Burn Type	Acres Burned	Percent	
Broadcast Activity	4	,097	4%
Broadcast Natural	4	,397	4%
Grapple Pile	17	,776	17%
Hand Pile	15	,223	15%
Landing Only	26	5,327	26%
Rangeland	3	3,252	3%
Tractor Pile	5	,812	6%
Underburn Activity	5	5,729	6%
Underburn Natural	20	,407	20%
Grand Total	103	3,020	

# PRESCRIBED FIRE TRAINING EXCHANGES

**OREGON 2016** 



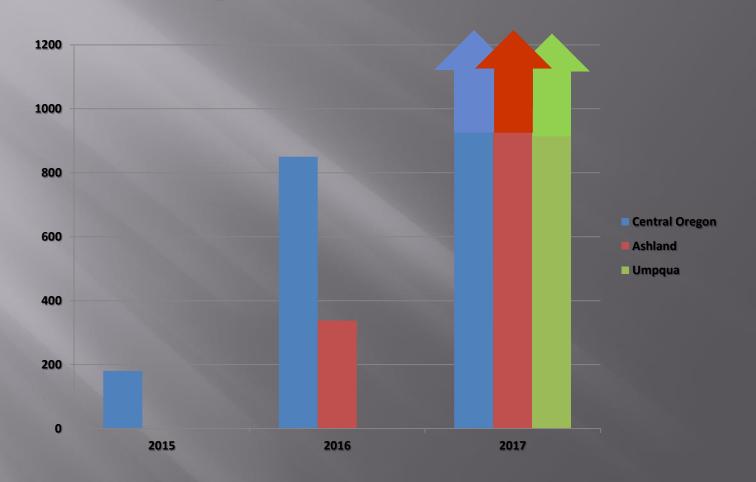


1,188 Acres Burned

2 events in Ashland and Central Oregon in April and May

87 participants from United States, Mexico, Spain & United Kingdom

### Prescribed Fire Training Exchanges in Oregon 2015-present



Participants from US, Spain, Mexico, and UK learning and burning together



