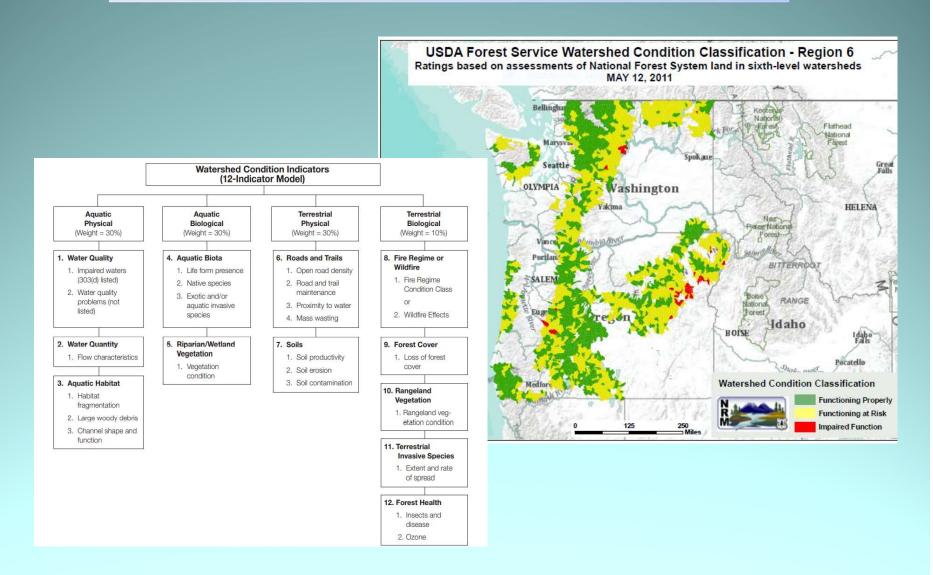
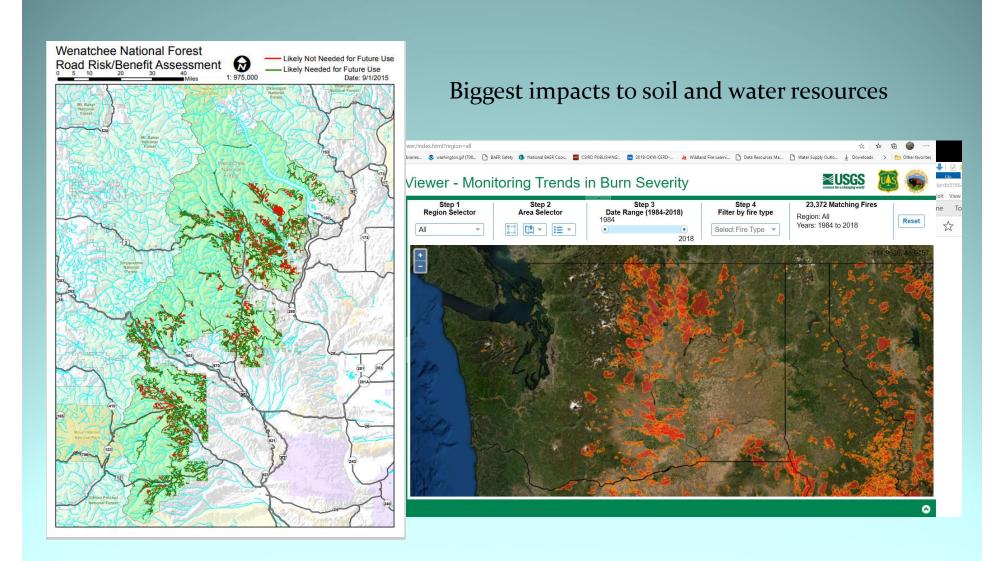


Examples of Shared Stewardship on the Okanogan Wenatchee NF

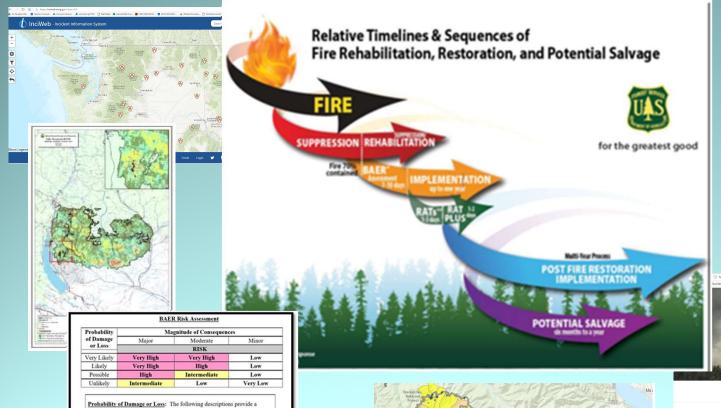


https://www.fs.fed.us/naturalresources/watershed/condition\_framework.shtml





**Examples of Shared Stewardship on the Okanogan Wenatchee NF** 



framework to estimate the relative probability that damage or loss would occur within 1 to 3 years (depending on the resource):

• Very likely. Nearly certain occurrence (90% - 100%)

 Major. Loss of life or injury to humans; substantial property damage; irreversible damage to critical natural or cultural resources.

 Moderate. Injury or illness to humans; moderate property damage; damage to critical natural or cultural resources resulting in

 Minor. Property damage is limited in economic value and/or to few investments; damage to critical natural or cultural resources resulting in minimal, recoverable or localized effects.

• Likely. Likely occurrence (50% - 89%)

Possible. Possible occurrence (10% - 49%)

• Unlikely. Unlikely occurrence (0% - 9%)

considerable or long term effects.

Magnitude of Consequences:



Post-Fire BAER Assessment

Burned Area Emergency Response (BAER)
Information Brief

Course Crook Fire 2500 8 Summers

#### September 25, 2018

#### FIRE BACKGROUND

The Coogart Creek Fire began as a lighting strike on Iu 28, 2018. As of the date of this report the Coogart Cree Fire pertineter includes 41,107 acres. The fire spread through a combination of slow or excepting and short runs sporting, and burnout operations resulting in a mosaic, fire severity on USFS land — 822 acres of high, 13,01 acres of moderate, 11,240 acres of low, and 13,092 of unbunsed. Over 53 miles of dozer line were constructed unbunsed. Over 53 miles of dozer line were constructed to the construction of the constructi

On September 14, 2018 the Central Washington Burn Area Emergency Response (BAER) team completed a assessment report of the burned area, and requested approval for initial funding for recommended emerges treatments. The report was submitted to the Pacific Northwest (Region 6) Regional Forester in Portland,

#### A CONTRACTOR OF THE PARTY OF TH

#### FS-2500-8 BURNED AREA REPORT ANALYSIS

#### Physical characteristics of the burned landscape

•Ology: There are two major geologic types in the fire rimeter. The Tonallic platons (Kt) consists mostly of nalite, genesiss tonalite, and tonalitic to granodioritic enies, with both homblende and bisotite. The Napecegas chist (Kns) is predominantly fine-grained homblende ica selsis, ifi.neg-grained homblende-rich selsis, and mphibolite and quarts-rich selsis, as well as minor reiess, marble, and ultramsfire rock.

Dominate Soils: Soils within the burn perimeter are diverse, but nearly all soils within the burned area contain volcanie ash. The most common soil groups within the burn are Xeric Vitrieryands comprising 40% of the burn area, and Andie Haploxerepts which comprise 20%. Soils are primarily coarse and fine sandy loams.

Water-Repellent Soils (acres): Natural hydrophobicity present on approximately 60% of soils, or around 24,600 acres. Fire-induced or altered hydrophobicity occurred on approximately 18% of soils (2008).

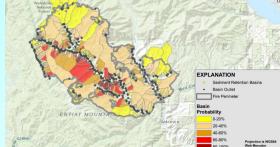


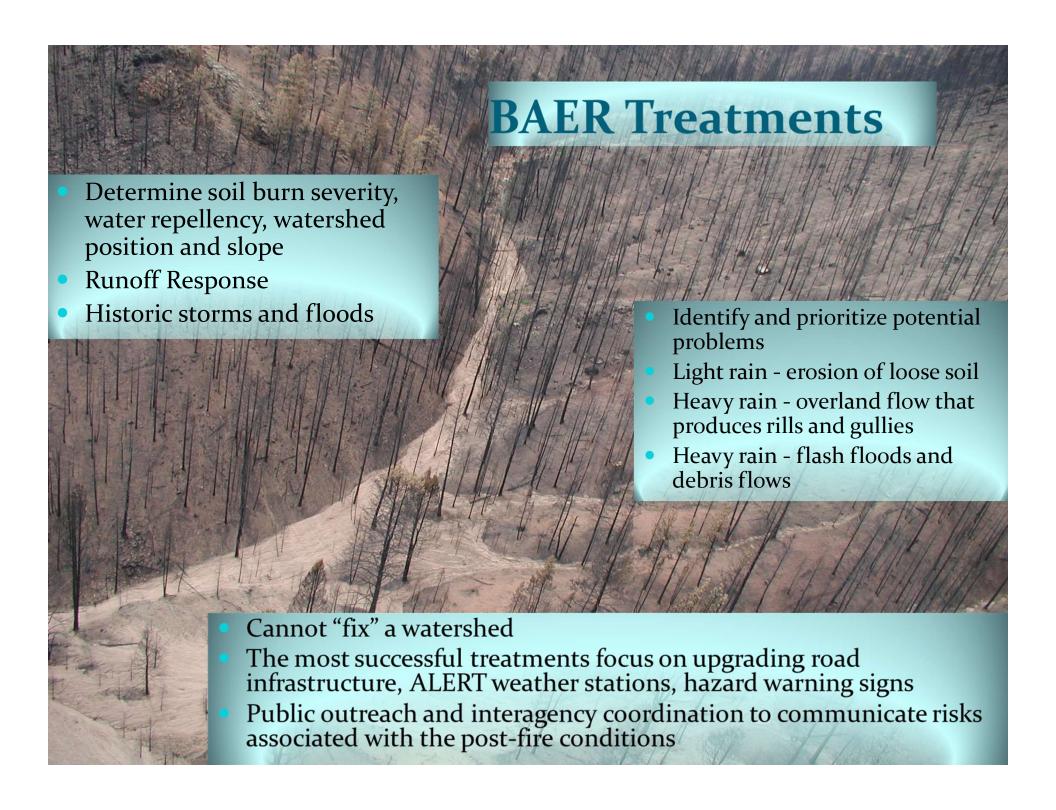
Home About v Wildfire Reports v News Floodwatch v Photos Resource

HOME

September 2019 – The Okanogan-Wenatchee Nassembled a Burned Area Emergency Responsteant to analyze post-fire condition of burned wemergency stabilization treatments for Central The team has conducted field surveys and analy to develop burned area assessments.

Reports and maps of the burned area assessm





- Storm Damage Risk Reduction
- Clean culvert inlets, establish sediment traps, rock outlets
- Ditch cleaning/reconstruction
- Rolling dips and water bars



Emergency Relief for Federally Owned Roads (ERFO)





Repair work on Forest Road 1000, Naches Ranger District

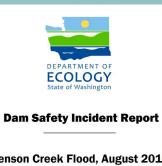


Forest by the numbers

Examples of Shared Stewardship on the Okanogan Wenatchee NF

More than ½ Million Seedlings Replanted in Finley Canyon (Carlton Complex 2014)





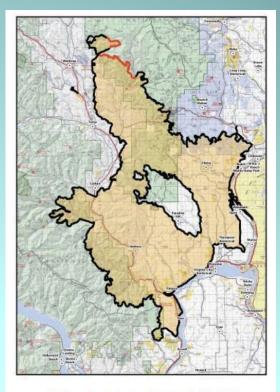
Benson Creek Flood, August 2014

Okanogan County near Twisp, WA

DSO Files OK 48-0320, -0308, -0328

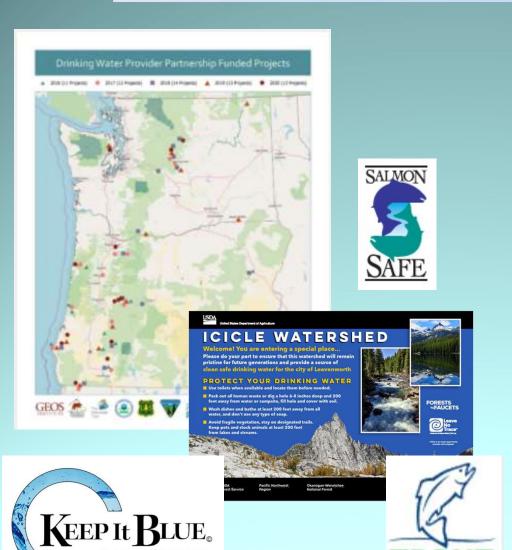
by





Carlton Complex perimeter 08/20/2014

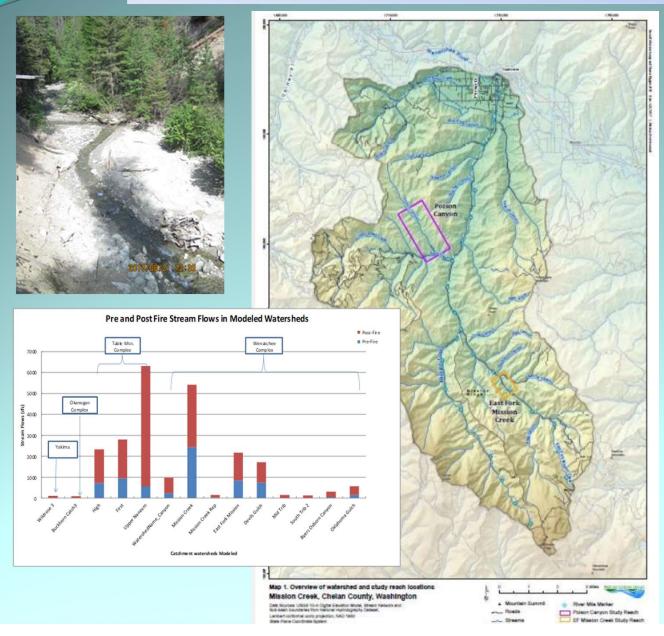
Examples of Shared Stewardship on the Okanogan Wenatchee NF



**DWPP --12 projects 2017-2020** 

**USFS, EPA, WA Dept. of Health** 

- •Restore and protect the health of watersheds which communities depend upon for drinking water while also benefiting aquatic and riparian ecosystems, including the native fish that inhabit them.
- •Support local partnerships between drinking water providers, landowners, and restoration practitioners.







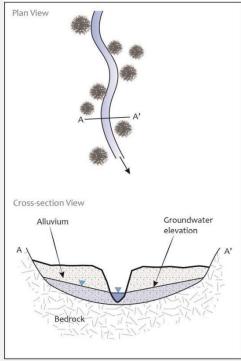
Restoration in Mission Creek, trib. to Wenatchee River abv Cashmere, WA

Examples of Shared Stewardship on the Okanogan Wenatchee NF

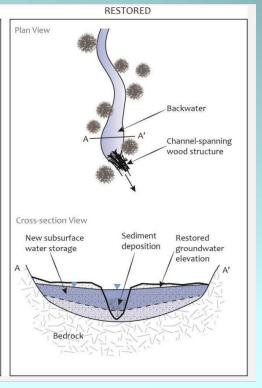


Floodplain reconnection

Alluvial Water Storage structures in Mission Creek



**EXISTING** 



Examples of Shared Stewardship on the Okanogan Wenatchee NF

Okanogan-Wenatchee National For... &



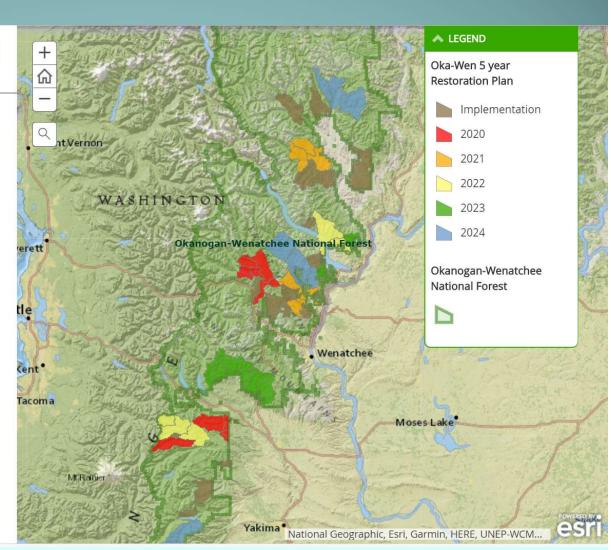


#### 5-Year Restoration Plan

#### Our 5-Year Plan

The Forest's 2012 Restoration Strategy (Strategy) provides the base for our approach to landscape-scale restoration and is intended to drive project design with defined ecological outcomes. The overarching goals of the Strategy are to make these watersheds resilient to disturbances (like fire), adaptive to climate change and to collaborate with a variety of partners as we work to adapt our strategy to new information and changing conditions.





Examples of Shared Stewardship on the Okanogan Wenatchee NF

#### WA DNR 20yr Priority Watersheds in NCW

Priority Rating (0 - 1.8)

High (1.25 – 1.8)

Moderate (0.88 – 1.25)

Low (0.35 - 0.88)

Very Low (unforested, Wilderness: 0 –0.35)



Wenatchee



Oka-Wen 5 year Restoration Plan

Implementation

2020

2021

2022

2023

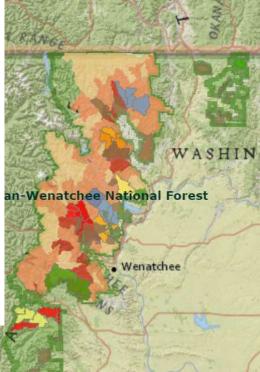
2024

Mt Rainier

"Shared Stewardship is about working together in an integrated way to make decisions and take actions on the land."

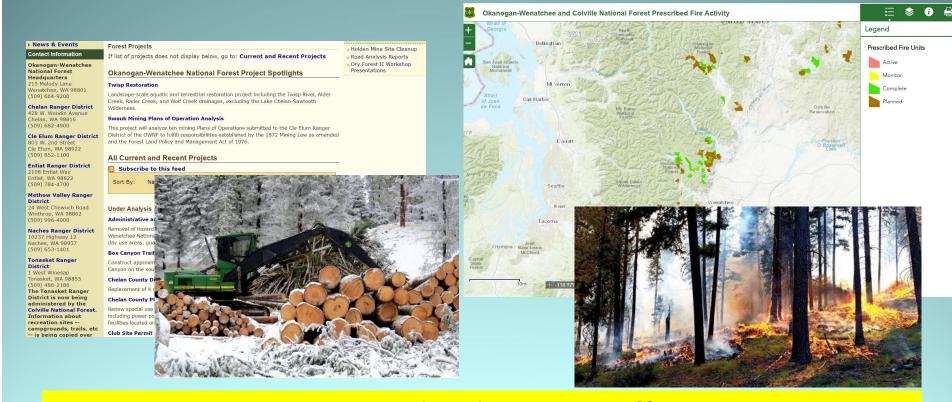
- USDA Forest Service Chief Vicki Christiansen





Yakima

**Examples of Shared Stewardship on the Okanogan Wenatchee NF** 



Current Projects – Contact local District Offices https://www.fs.usda.gov/projects/okawen/landmanagement/projects

Prescribed Fire <a href="https://www.fs.usda.gov/main/okawen/fire">https://www.fs.usda.gov/main/okawen/fire</a>

Okanogan-Wenatchee National Forest Headquarters 215 Melody Lane Wenatchee, WA 98801 (509) 664-9200 https://www.fs.usda.gov/main/okawen/home



#### Methow Valley Ranger District

Chris Furr, District Ranger 24 West Chewuch Road Winthrop, WA 98862 (509) 996-4000

#### **Chelan Ranger District**

Kari Grover-Wier, District Ranger 428 W. Woodin Avenue Chelan, WA 98816-9724 (509) 682-4900

#### **Entiat Ranger District**

Kari Grover-Wier, Acting District Ranger 2108 Entiat Way P.O. Box 476 Entiat, WA 98822 (509) 784-4700

### **Cle Elum Ranger District**

Michelle Capp, District Ranger 803 W. 2nd Street Cle Elum, WA 98922 (509) 852-1100

### **Naches Ranger District**

Aaron Stockton, District Ranger 10237 Highway 12 Naches, WA 98937 (509) 653-1401

#### Wenatchee River Ranger District

Jeff Rivera, District Ranger 600 Sherbourne Leavenworth, WA 98826 (509) 548-2550 or 548-2551

### Molly Hanson, Watershed Program Manager Okanogan-Wenatchee National Forest 215 Melody Lane Wenatchee, WA 98801 (509) 664-9330 molly.hanson@usda.gov



USFS Watershed Management Best Management Practices	https://www.fs.fed.us/naturalresources/watershed/bmp.shtml
Watershed Condition Framework (web map)	https://usfs.maps.arcgis.com/apps/MapSeries/index.html?appid=f4332e5b8oc448 74952b57e1dbob44o7
BAER	https://www.fs.fed.us/naturalresources/watershed/burnedareas.shtml, https://forest.moscowfsl.wsu.edu/BAERTOOLS/
Inciweb	https://inciweb.nwcg.gov/incident/7222/
Central Washington Fire Recovery	http://www.centralwashingtonfirerecovery.info/
After the Fire WA	https://afterthefirewa.org/
DWPP	https://www.workingwatersgeos.org/drinking-water-providers-partnership
Okanogan Wenatchee Project planning	https://www.fs.usda.gov/projects/okawen/landmanagement/projects
Forest Restoration Strategy	https://www.fs.usda.gov/detail/okawen/landmanagement/planning/?cid=stelprd

