

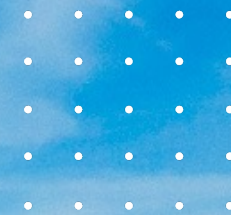


Presented by
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AG, Forest Health, and Fire

COUNTY
OF **Placer**
AGRICULTURE
WEIGHTS & MEASURES





Valley Agriculture



Rice, Almonds, Walnuts



Foothill Agriculture

- Mandarins
- Wine Grapes
- Vegetables
- Stone Fruits
- Olives
- Flowers



Water

- PCWA
- NID
- South Sutter Water



Placer County Regional Forest Health (RFH) Program

- ▶ **Regional Forest Health Program:** Established in May 2021 with the aim of improving forest health and reducing the risk and impact of wildfires in Placer County.
- ▶ **County's Commitment:** The County has prioritized forest health and wildfire management as top land use planning and legislative policy priorities in recent years.
- ▶ **Interdisciplinary Approach:** The RFH program integrates forest management and wildfire risk reduction strategies across County departments and coordinates with State and federal agencies and local partners.

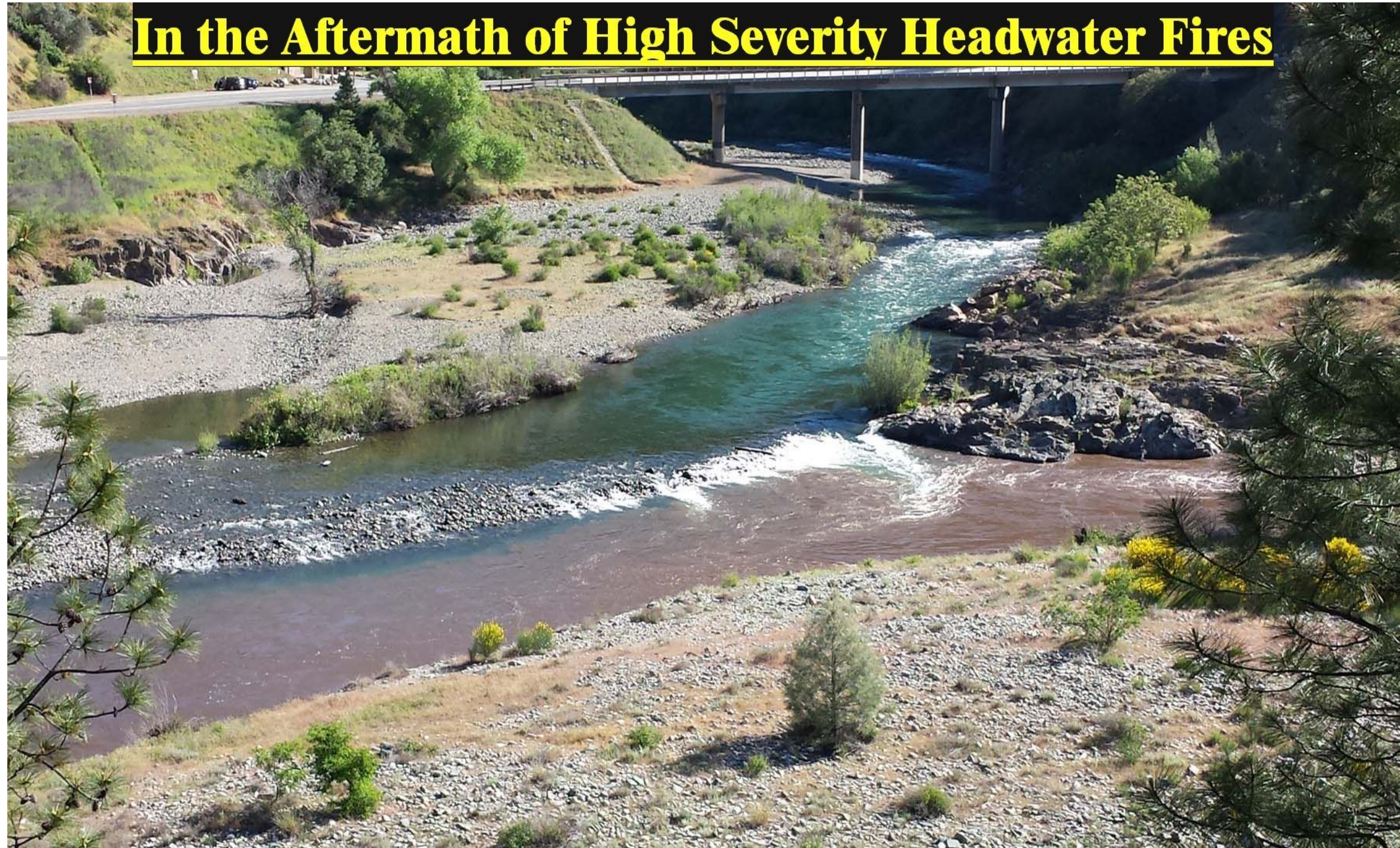
Forest Health and Snowpack Research

- Snow accumulation
- Snow melt
- Soil moisture
- Streamflow
- Forest health (e.g. tree growth and mortality)



Water Quality, Quantity and Sedimentation

- Post Fire Erosion
- Reservoir Capacity
- Habitat Impacts
- Hydro-Electric Generation
- Customer Water Rates



In the Aftermath of High Severity Headwater Fires

Sediment eroded from King Fire six months after fire ~40 river miles below fire scar. US Forest Service estimated 300,000+ tons of topsoil eroded. Confluence of Middle (lower) and North Forks of American River, April 27, 2015.