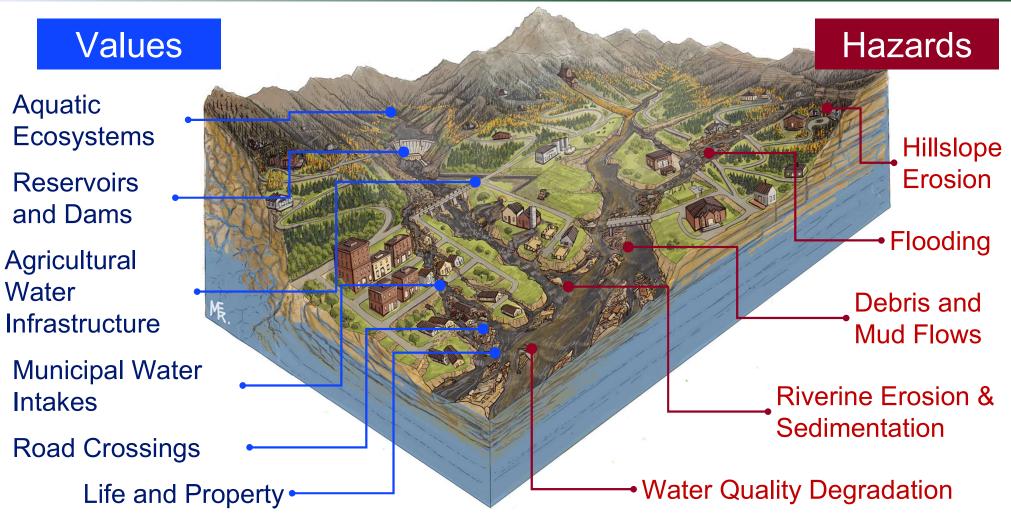


Healthy Watersheds:

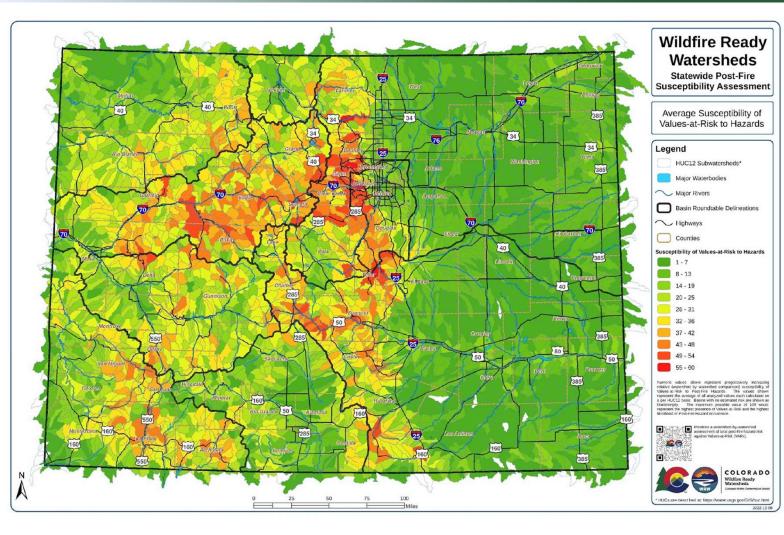
- Maintain flow regimes at historic conditions
- Are able to resist, absorb, and recover from natural hazards (Resilience)
- Provide high quality water supply for agriculture, municipal, and environment
- Provide diverse and complex habitat features in upland and riverine environments









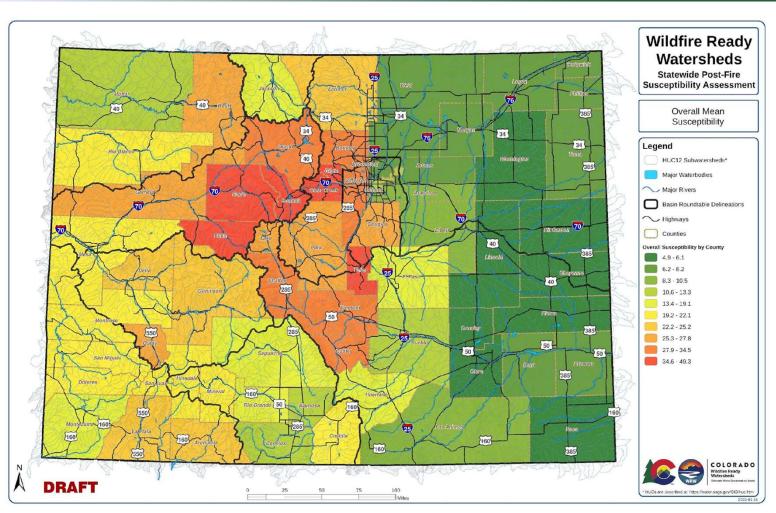


Post-Fire Risk

Statewide relative risk for all values and post-fire hazards.

Map represents overall average susceptibility.





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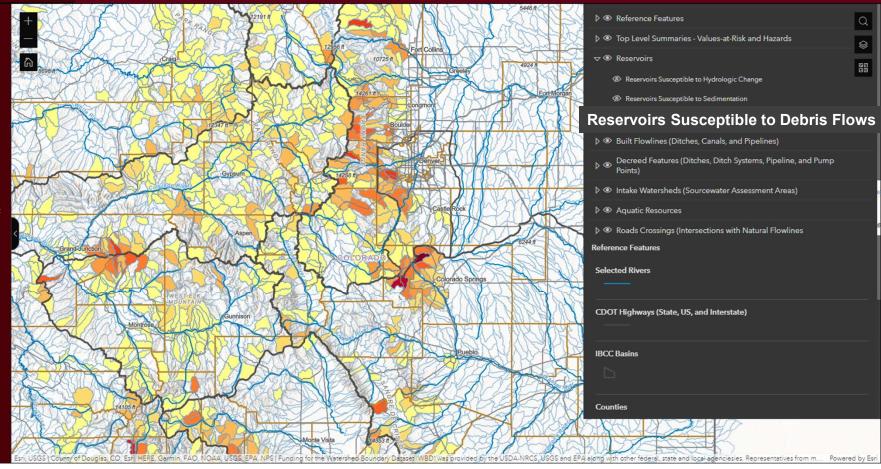
Statewide Post-Fire Susceptibility Explorer

Explore Your Susceptibility

The Wildfire Ready Watersheds (WRW) program seeks to assess the susceptibility of Colorado's watersheds to post-fire hazard risk in order to support development of pre-fire and post-fire mitigation plans, preparing communities and stakeholders for these impacts - before fires occur.

This web map provides an overview of the susceptibility mapping and associated analyses and evaluations performed to assess statewide susceptibility to post-fire hazards at a watershed (HUC-12) scale. This analysis was completed in three steps.

- Values-at-Risk (VAR) Identification. This work curated available asset data classes at a statewide level and summarizes the relative presence of assets within any given HUC-12 watershed.
- Hazard Analysis. Hazard analyses were collected or performed at a watershed scale for hydrologic change, post-fire flooding, sediment/hillslope erosion, and debris flow probability.
- Risk Assessment. The risk assessment represents the intersection of VARs with hazards (risk = probability x consequence).



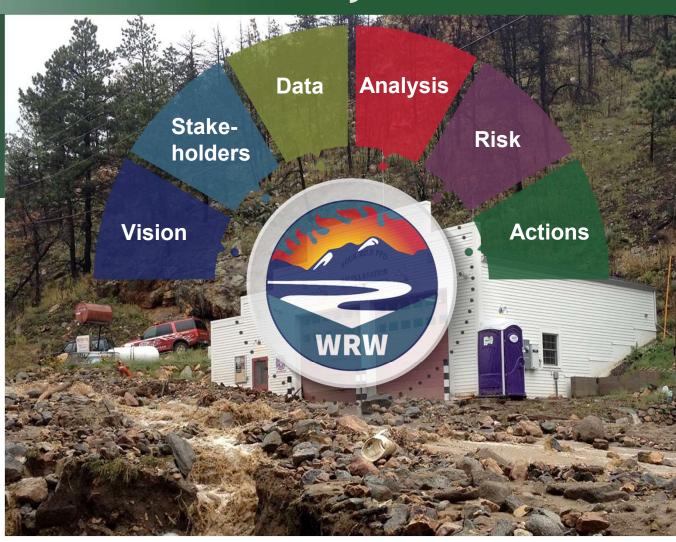
Learn More



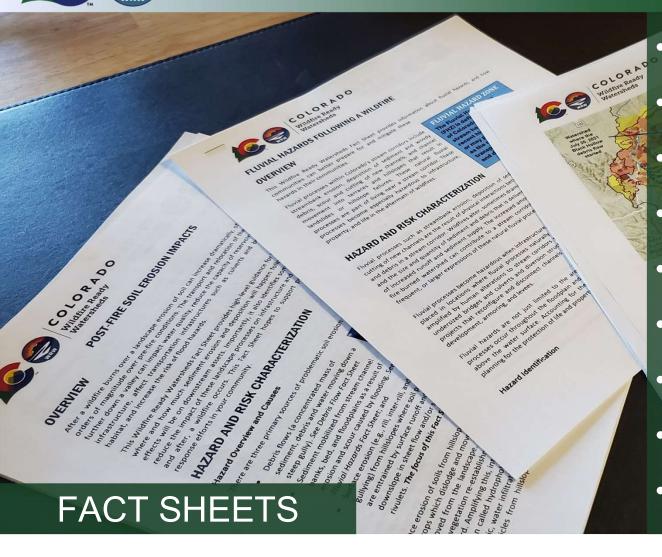
Wildfire Ready Action Plan (WRAP)

A comprehensive template scope of work that details necessary tasks.

- Goals and Objectives
- Stakeholder Collaboration & Outreach
- Data Collection, Gap Analysis, & Development
- Post-wildfire Hazard Analysis
- Susceptibility Analysis to evaluate risk
- Pre and Post-wildfire mitigation activities







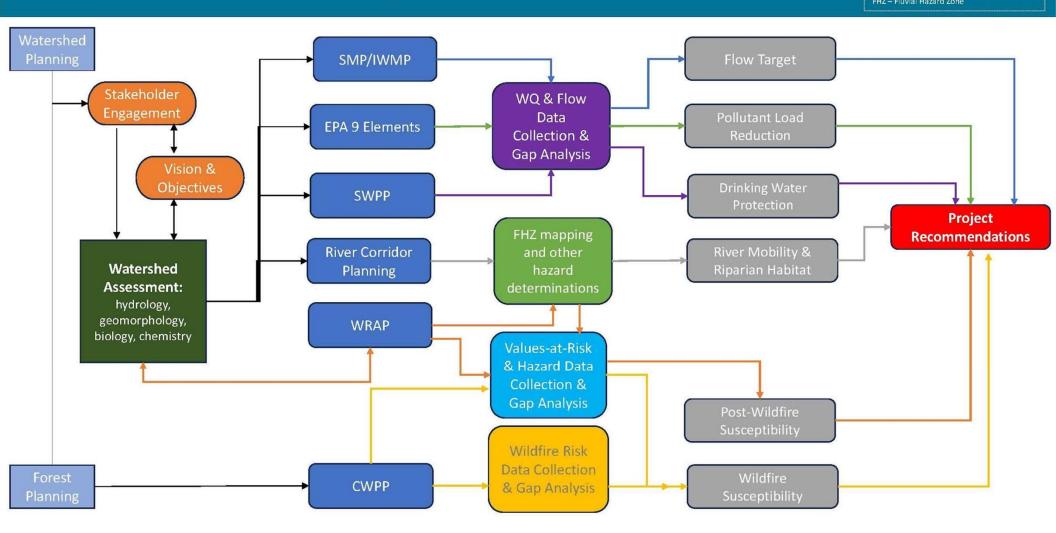
- WRAP Quick Start Guide
- Hydrology / Hydraulics
- Debris / Mud Flow
- Fluvial Hazard Zone
- GIS Preparedness
- Outreach / Communication
- Hillslope Erosion
- Water Quality
- Water Infrastructure

Watershed Planning DRAFT

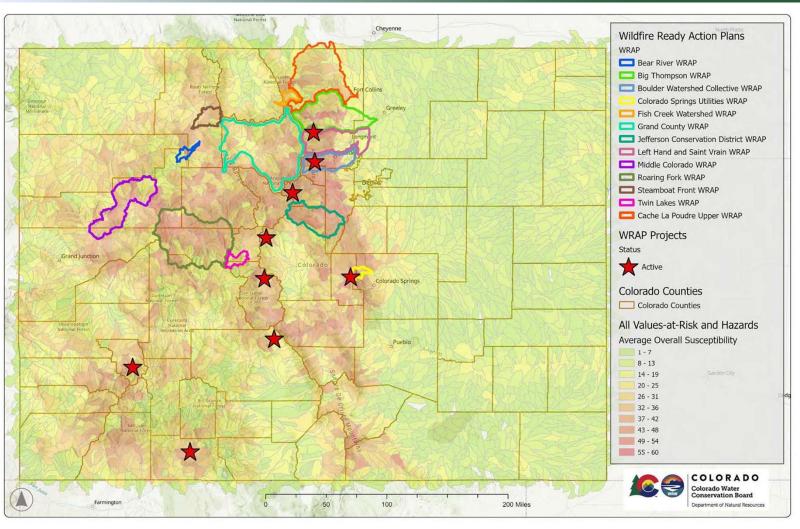
IWMP – Integrated Water Management Plan SWPP – Source Water Protection Plan WRAP – Wildfire Ready Action Plan CWPP – Community Wildfire Protection Plan

CWPP – Community Wildfire Protection Plan WQ – Water Quality

FHZ – Fluvial Hazard Zone







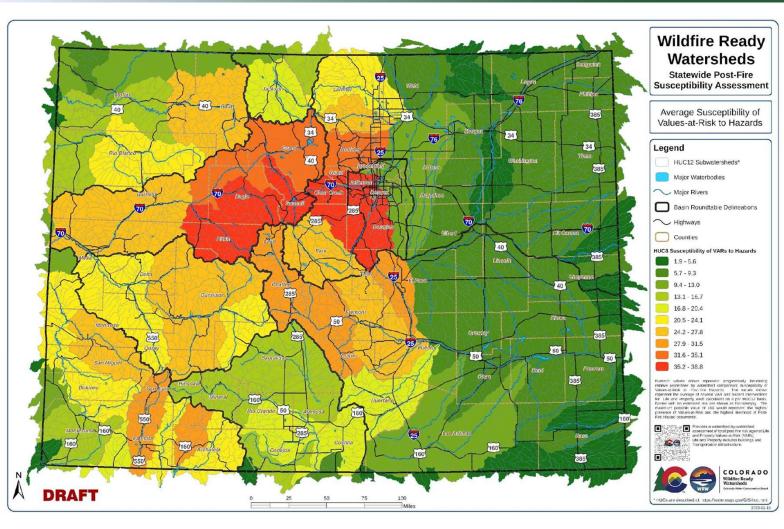
Wildfire Ready Watershed Plans (WRAP) WRAP Plans Approved = 13 WRAP Under Review = 3 WRAP Pending = 12

Projects Approved = 9
Projects Under Review = 3

Funding Approved = \$6.8 million

Total Approved and Under Review = \$9 million





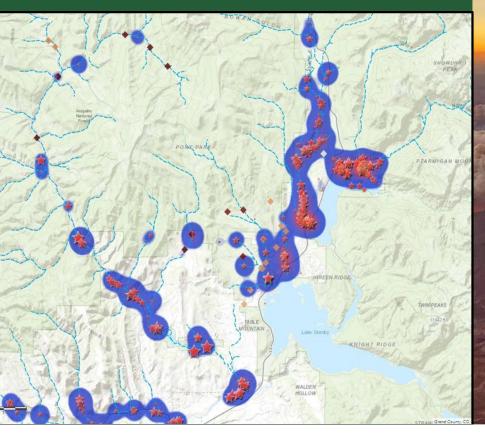
Post-Fire Risk

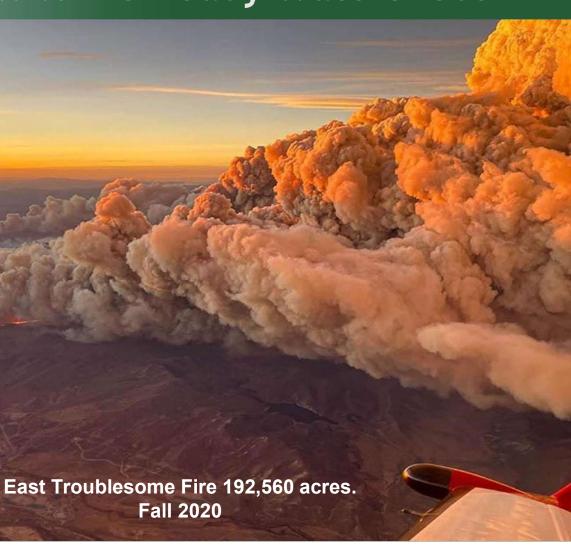
Statewide relative risk for all values and post-fire hazards.

Map represents overall average susceptibility.

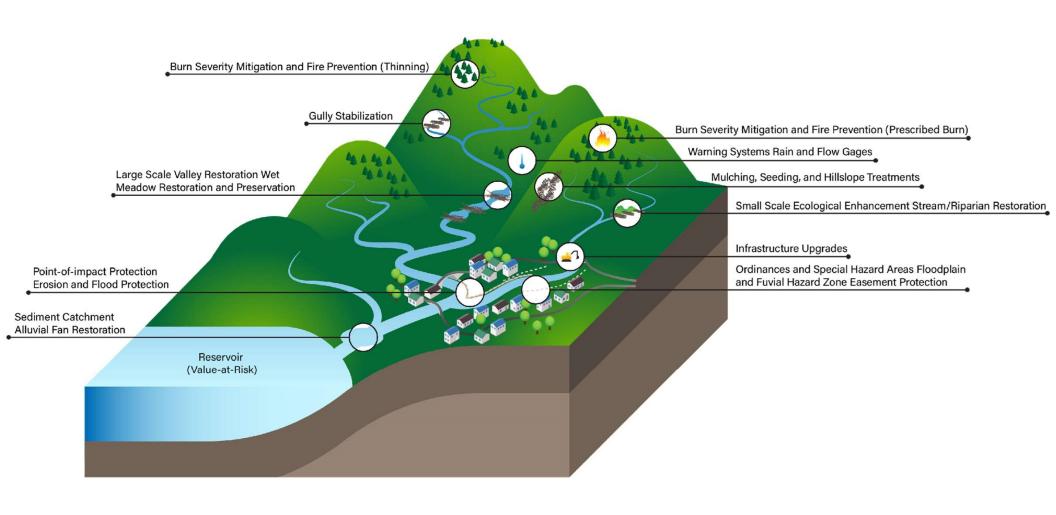


Are values at risk within and near the burn scar susceptible to post-wildfire hazards?





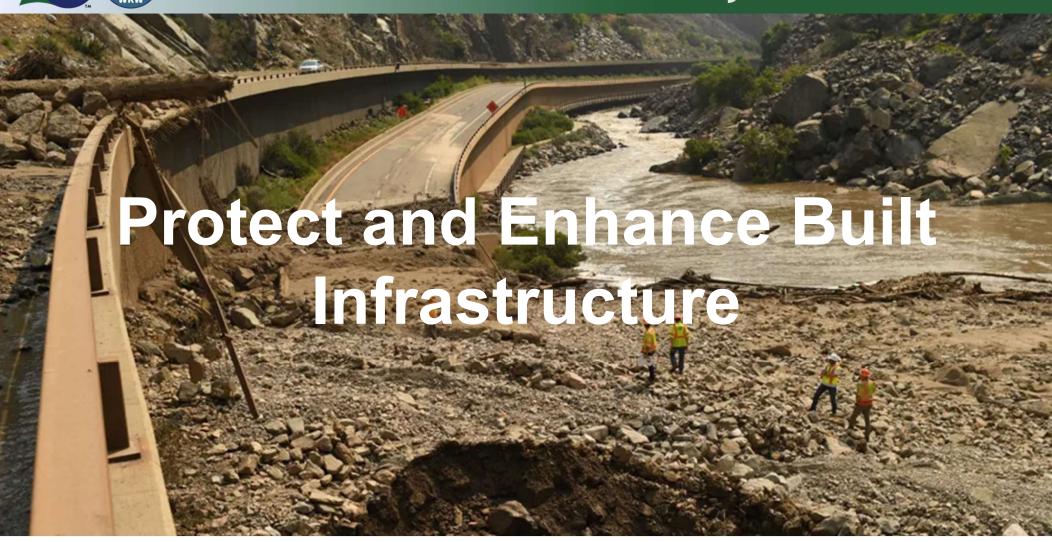




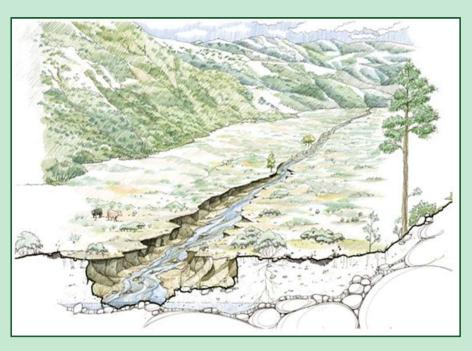














Images from National Park Service

Nps.gov/yose/learn/nature/meadow-health.htm



Website

www.wildfirereadywatershed s.com



Questions?
Chris Sturm, CWCB
chris.sturm@state.co.us





Working to understand the susceptibility of Colorado's watersheds to post-wildfire impacts and to plan and prepare for them- **before fires occur**.