



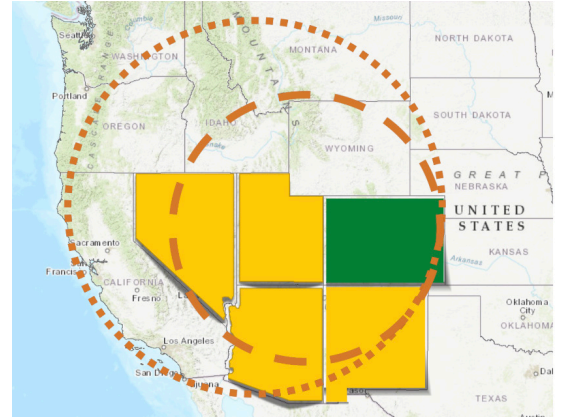
## ABOUT US

Our work connects science with context-specific and actionable solutions that reduce wildfire risk and build ecological resilience in Western forest landscapes.

We do this through adaptive ecosystem management that bridges research, management, and policy to develop locally appropriate science-informed actions on the ground.

The Colorado Forest Restoration Institute is a Southwest Ecological Restoration Institute authorized by Congress under the 2004 Southwest Forest Health and Wildfire Prevention Act. Chartered by the Governor and University president, our home at Colorado State University gives us access to abundant resources and cutting-edge knowledge that we apply to our work in forest science, collaboration, and resilience.

## SWERI SOUTHWEST ECOLOGICAL RESTORATION INSTITUTES



## WILDFIRE RISK AND FOREST RESILIENCE IMPACTS



**139 million+**

On the ground acres of impact across the Western US



**39**

Total landscapes continually engaged



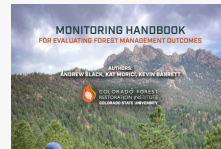
**5,253**

Total monitoring plots since 2010



**486**

Monitored forest management units across 75,000+ acres



**372**

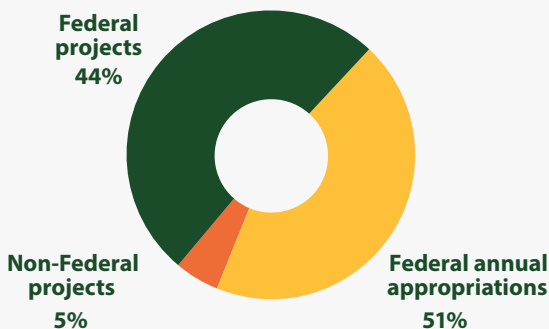
Publications since 2010



**215**

Students trained for careers in forestry and wildland fire

## RETURN ON INVESTMENT



**\$** \$3 million annual operating budget

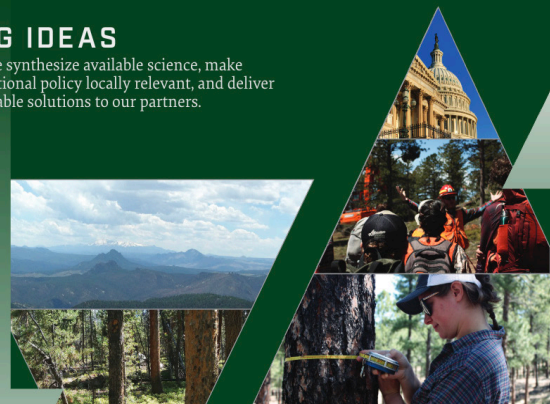
**\$** Since 2010, CFRI has raised more than \$30 million, leveraging annual appropriations 1:1 with external funding

**\$** The State of Colorado, through Colorado State University, provides partial directors' salary and in-kind support for CFRI facilities and administration equivalent to over \$11 million since 2010

## OUR APPROACH

### BIG IDEAS

We synthesize available science, make national policy locally relevant, and deliver usable solutions to our partners.



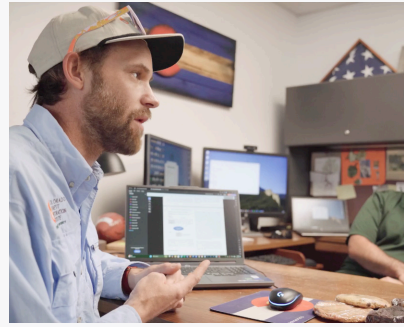
We use on the ground experience and local expertise to inform regional and national solutions.

**LOCALLY RELEVANT**

# ACTION-ORIENTED RESEARCH AND ADAPTIVE MANAGEMENT



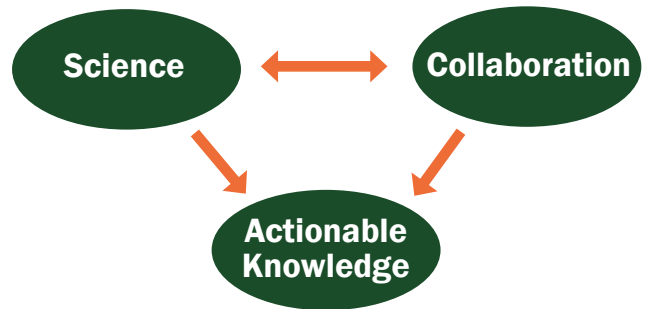
- We make research relevant by bridging ecological and social science with practical needs
- By co-developing knowledge with partners, we accelerate impact from planning to on-the-ground action



- We learn what works and align outcomes with partners from the field to leadership
- Our cross-boundary connections ensure the right work gets done where its needed most

*“SWERI/CFRI personnel offer considerable subject matter expertise and a ground-based/site-specific/practical approach to increase efficiency in project planning and implementation phases.”*

— USDA Forest Service Regional Program Managers



## MAKING A DIFFERENCE

### BEFORE FIRE



#### SETTING FORESTS AND FIREFIGHTERS UP FOR SUCCESS

- Monitoring forestry project outcomes to reduce conflict, enhance effectiveness, and accelerate implementation
- Pre-planning where to engage before fires start with Potential Operational Delineations (PODS)
- Making federal, state, and local forest and fire data accessible for planning on the ground

### DURING FIRE



#### DELIVERING CRITICAL INFORMATION TO PROTECT ECOSYSTEMS AND COMMUNITIES

- Assessing and improving efficiency of communication through Incident Strategic Alignment Process (ISAP)
- Providing critical spatial data to improve firefighting success and learn what works on the fireline
- Aligning forest management to support more efficient and effective fire response

### AFTER FIRE



#### REPLANTING FORESTS AND CONSERVING WATERSHEDS

- Research and monitoring in burned areas to understand where and why trees aren't growing back after fires
- Addressing gaps and providing solutions to accelerate reforestation
- Protecting drinking water supplies by prioritizing post-fire erosion control and flood mitigation



COLORADO FOREST  
RESTORATION INSTITUTE  
COLORADO STATE UNIVERSITY

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