

EASTERN SIERRA CLIMATE & COMMUNITIES RESILIENCE PROJECT



A BOLD AND PROACTIVE STEP TOWARDS CLIMATE RESILIENCE IN THE EASTERN SIERRA

ABOUT THE ESCCRP

The project sets forth to plan for ecological forest restoration on over 55,000 acres surrounding the Town of Mammoth Lakes. In the face of rapidly increasing climate stressors, the need for proactive forest management action is urgent. Supported by a robust stakeholder group that shares a vision to promote both community and ecological resilience, the ESCCRP is in its early planning phases.



CURRENT FOREST CONDITIONS

- Overstocked forests propelled by our national history of fire suppression
- Declining forest health resulting in a landscape highly susceptible to climate stressors and primed for catastrophic wildfire
- Large fuel loads allow fires to burn at high severity over vast areas with limited options for suppression

Declining forest health across the West, coupled with a rapidly intensifying wildfire trajectory fueled by climate change, continue to underscore the imperative need for increased pace and scale of proactive vegetation management.



SCAN ME

www.eswildfirealliance.org/escrp

PROJECT GOALS



1. Protect the Town of Mammoth Lakes
2. Allow for Safe and Effective Fire Management
3. Promote Community Fire Resilience

4. Restore Ecosystem Health and Resilience
5. Use Best Available Science



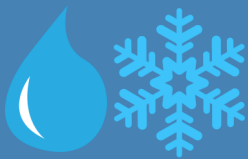
6. Create a Fire-Conscious Community
7. Cultivate Long-Term, Sustainable Partnerships
8. Build Local Capacity

FORESTS ARE AT RISK

In the past, fire maintained Sierra Nevada landscapes. Now, with more than a century of fire suppression, many forested areas have missed multiple natural fire cycles, resulting in historic fuel accumulation that leads to more severe fires that are difficult and dangerous to fight. The absence of fire, combined with other climate driven factors, has led to an increase in fire severity when fire inevitably returns to the landscape. This situation leaves both forests and local communities at risk of catastrophic loss.

BENEFITS OF HEALTHY FORESTS

Ecosystem services offered by healthy forests provide immense economic, social, and ecosystem value.



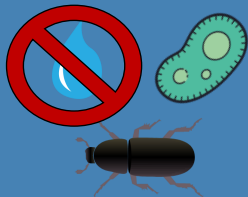
WATER QUALITY & SUPPLY



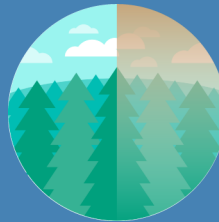
FISH & WILDLIFE HABITAT



REDUCED WILDFIRE RISK



MORE RESILIENT TO STRESSORS



AIR QUALITY



CARBON SEQUESTRATION



RECREATION VALUE



STRONG COMMUNITIES



SPIRITUAL VALUE

ROAD TO RESILIENCE

The Eastern Sierra Climate & Communities Resilience Project (ESCCRP) aims to intercept declining forest health in the Eastern Sierra. Our project seeks to safeguard the priceless ecosystem services of this landscape and the livelihoods of local communities. Through landscape scale forest restoration and strategic prescribed fire, the project will return natural processes to the declining forest landscapes surrounding Mammoth Lakes and put the Eastern Sierra on the path to achieving regional resilience.