

Threats to Lake Tahoe: Climate Change

Lake Tahoe is experiencing extended droughts, warming waters, sporadic and intense weather, and more frequent wildfire smoke, ash and flames.

These impacts intensify all other threats facing Lake Tahoe, including stormwater pollution, aquatic invasive species and toxic algal blooms.

*Heavy smoke from the Caldor Fire hangs over a drought-stricken South Lake Tahoe beach.
August 2021.*



Climate Resilience Initiative

Our holistic approach to ADVANCE RESTORATION

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TAHOE FOREST STEWARDSHIP DAYS

The League engages the community directly in hands-on, land-healing work through our restoration strike teams and Tahoe Forest Stewardship Days, the Basin's longest running, volunteer, ecosystem restoration event.

2022 OBJECTIVE: Collaborate with the US Forest Service and other partners to restore areas impacted by the Caldor Fire through on-the-ground projects, building Tahoe's resilience to climate change.



CUTTING THE GREEN TAPE

The League helps lead an environmental collaborative called the California Landscape Stewardship Network - 29 organizations working to remove bureaucratic hurdles that slow or prevent restoration projects.

2022 OBJECTIVE: Advance restoration in the Basin by collaborating with stakeholders to complete necessary environmental reviews and get work started for the 59,000-acre Lake Tahoe West Restoration Partnership.

UNDERSTANDING WILDFIRE IMPACTS TO BUILD RESILIENCE

To prepare for the next, inevitable wildfire, the League is funding rapid response scientific research on the effects of smoke and ash on Tahoe's waters, and mobilizing citizen scientists to gather water quality data downstream of the recent Caldor Fire burn scar.

2022 OBJECTIVE: Utilize the findings of wildfire smoke and ash impacts research, along with citizen science data, to identify restoration and forest health priorities, inside and outside the Basin.



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