Lake Tahoe Science to Action Plan

Project Number	04.01.01.0162
Action Priority	Conduct Applied Scientific Research
Implementers	Tahoe Science Advisory Council
Supporting Agencies	California Lahontan Regional Water Quality Control Board, California Natural Resources Agency, U.S. Geological Survey
Primary Contact	Robert Larsen (robert.larsen@resources.ca.gov)

Stage	Completed	**Duration**	2021 - 2025
Total Project Cost	$1,000,000	**Funding Request**	$477,000

Science Program 〉 Conduct Applied Scientific Research

In 2019 the Council completed an "Aquatic" Science to Action (S2A) plan describing recommended research and monitoring activities to better understand Lake Tahoe's clarity condition and associated drivers. Acknowledging the need for prioritizing watershed science needs, the Council initiated an "Upland Ecosystem" S2A planning effort in 2020. The Council and its management partners subsequently developed a wholistic, basin wide S2A plan that updates aquatic priorities and links watershed research and monitoring work to the lake. The "Integrated" S2A plan provides the framework for linking resource management and science community priorities.
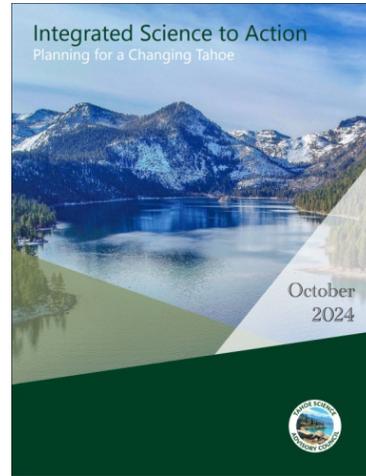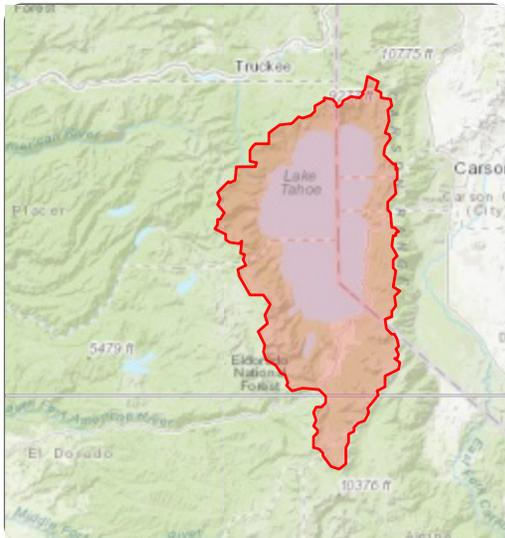

Cover page for the Integrated Science to Action Plan

Targeted Performance Measures

No Expected Accomplishments provided

Threshold Categories

- Water Quality

Location

Targeted Funding

- Secured Funding: California Natural Resources … (CNRA), $60,000
- Secured Funding: SB630 Funds (Lahontan), $67,000
- Secured Funding: Southern Nevada Public Land M… (USGS), $456,618
- Targeted Funding: California Natural Resources … (CNRA), $10,000
- Targeted Funding: SB630 Funds (Lahontan), $67,000
- Targeted Funding: Southern Nevada Public Land M… (USGS), $400,000

Photos

During

Engagement on the Integrated Action Plan,

Scientists and resource managers rely on field-collected and remotely sensed monitoring data to provide information on lake and watershed conditions. Long-term datasets are essential for detecting and addressing changes that can be difficult to explain, such as Lake Tahoe's clarity trends (Naranjo et al., 2022) and changes in upland loading to the lake (Domagalski et al., 2020). Collection of aquatic and upland ecosystem measurements and datasets span many decades and agencies.

Scientists and resource managers rely on field-collected and remotely sensed monitoring data to provide information on lake and watershed conditions for the science to action plans.

Project Fact Sheet Data as of 03/05/2026