

TAHOE:  
**STATE  
OF THE  
LAKE**  
REPORT  
**2022**

## EDUCATION AND OUTREACH

## Education and outreach

In 2021

Achieving healthy aquatic and terrestrial ecosystem conditions requires education and outreach to provide science-based information to people of all ages and backgrounds and to foster responsible action and stewardship.

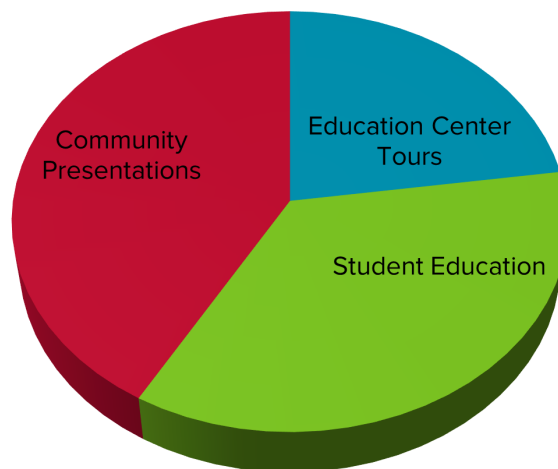
In 2021, TERC interacted with 5,157 visitors through tours, field trips, and lectures. The TERC education team engaged 1,865 students during 86 field trip sessions (some in-person and some

virtual) teaching about Lake Tahoe, the aquatic food web, forest health, and climate change. TERC also continued educating the public through online lectures, community presentations, and in-person outdoor programming. In 2021, we hosted 9 lectures with a total of 790 attendees bringing science-rich content to the community. This represented a 60% increase over the previous year at the Tahoe Science Center as we

began the transition back to in-person programming.

The TERC Education Team completed the American Alliance of Museums “Museum Assessment Program” for Education and Interpretation as part of our commitment to striving for excellence and meeting standards and best practices in the museum field.

**TOTAL VISITOR CONTACTS = 5,157**



## Educational exhibits

### Plans for 2022

In 2022, the Tahoe Science Center will install new video exhibits to educate the public and provide updated information about the important science at Lake Tahoe. There will be three new videos on the research vessel exhibit and four new videos on the laboratory exhibit.

A new Underwater Lake Tahoe exhibit will open in 2022 with a mural painted by local artist Susie Alexander. This lounge area will allow visitors to enter the underwater Lake Tahoe environment and discover the various organisms and habitats. Additional elements will include activities, videos from our Underwater Research YouTube playlist, and augmented reality features.

During the winter, TERC partnered with Palisades Tahoe

and Protect Our Winters to target skiers and snowboarders to increase action to combat the negative effects of climate change to Lake Tahoe's snowpack with the Save Our Snow (<https://tahoe.ucdavis.edu/saveoursnow>) educational campaign. This project includes two Instagram filters, a carbon reduction calculator, and a pledge to reduce emissions program.

All programs and outreach efforts aim to increase engagement with residents and visitors. Our goal is to expand the public's awareness, knowledge, and understanding of environmental issues at Lake Tahoe. This increased understanding of the importance of science and research for providing solutions to these challenges will help us to meet those challenges locally and globally.



New docent Brooke Ahmed uses updated Tahoe Science Center videos to teach visitors about the geologic history, environmental issues, and the current research being conducted by UC Davis.

Photo: A. Toy



Muralist Susie Alexander in front of the Underwater Lake Tahoe mural, the latest exhibit installment to the Tahoe Science Center slated for Augmented Reality enhancements in 2022.

Photo: H. Segale



Program Manager Alison Toy and AmeriCorps members Jesse Landesman and Noah Shapiro spend Earth Day discussing ways to reduce individual carbon emissions by 1 ton per year, culminated by choosing the grand prize winner for a Palisades Tahoe season pass.

Photo: H. Segale