



P063: Distribution of Ozone, Ozone Precursors and Gaseous Components of Atmospheric Nitrogen Deposition in the Lake Tahoe Basin

Project Number	04.01.01.0085		
Action Priority	Conduct Applied Scientific Research		
Implementers	U.S. Forest Service - Pacific Southwest Research Station		
Supporting Agencies	U.S. Forest Service - Pacific Southwest Research Station		
Primary Contact	Pat Manley (pmanley@fs.fed.us)		
Stage	Completed	Duration	2009 - 2013
Total Project Cost	\$298,681	Funding Request	\$0

Science Program ➤ Conduct Applied Scientific Research

This study characterized spatial and temporal distribution of ozone (O₃), O₃ precursors, O₃ formation, and gaseous pollutants that are important contributors to atmospheric nitrogen (N) deposition in the Lake Tahoe Basin. Passive samplers were used to monitor O₃, nitric oxide (NO), nitrogen dioxide (NO₂), ammonia (NH₃), nitric acid (HNO₃) and volatile organic compounds (VOCs) on a network of 34 sites inside and outside of the basin. Using statistical and geostatistical models, distribution maps of the measured compounds were created for the entire basin.

No Key Photo provided for this Project

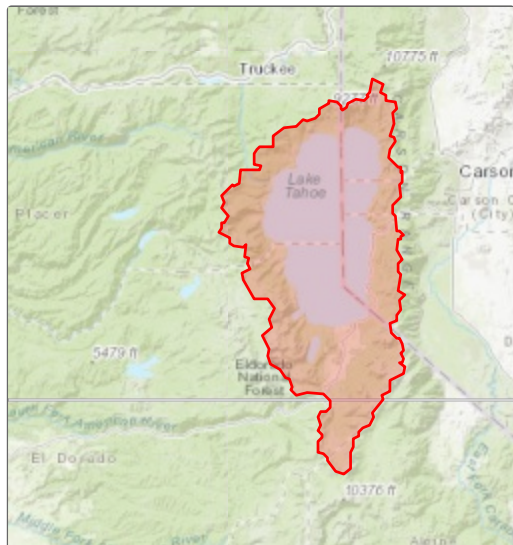
Targeted Performance Measures

No Expected Accomplishments provided

Threshold Categories

- Air Quality

Location



Targeted Funding

- Secured Funding: Southern Nevada Public ... (USFS - PSW), \$298,381
- No Funding Source Identified

Photos

No additional photos provided

Project Fact Sheet Data as of 05/12/2024