



# Tri-Valley Air Quality Climate Alliance

Your neighborhood organization  
for air quality & climate resilience

## WHY TVAQCA?

Each year, the Tri-Valley area experiences on average 1 in 5 days of air pollution that reaches moderate or higher Air Quality Indexes (AQIs at 50 or above),



which negatively affects around 1 in 4 Tri-Valley residents who are sensitive to air pollution.



To address this climate change/air quality challenge, TVAQCA aims to:

Encourage  
Climate  
proactivity &  
action

Support  
Relevant education  
and City Climate  
Action Plans

Prepare  
for impacts &  
community resilience

## FROM 2022-2025, WE HAVE...

### Events Outreach



#### Community interactions

Interacted with **11770+** people in events



#### Events

Supported **115+** community outreach events



#### Mentorship

Mentored **over two dozen** youths ranging from high school to college grads

### Online Presence



#### School climate resilience

Planted **200+** native plants of 37 species in local schools



#### Improve home air quality

Distributed **435** air cleaners to mostly low-income families



#### Transition to electric

Awarded **\$56,284** to local businesses to transition to e-landscaping equipment

### Community Impact



#### Website

**6.9K+** views  
**3.5K** visitors



#### Social Media

**11.8K+** views  
**729+** content interactions



#### Quarterly Newsletter

**220** orgs/individuals

## OTHER TOPICS COVERED

### Indoor air quality

Induction stoves

### Renewable energy

Electric trucks, wind turbines, hydrogen fuel cell cars, solar energy

### Air quality research

Conducted 4 hyperlocal air quality surveys representing over 2,500 residents

### Vulnerable communities

Seniors, children, Spanish/Mandarin speaking communities

### Youth leadership

Guided environmental education/activities in K-12 classrooms, and inspiring them to start youth-led events and organizations, including the Livermore Youth Climate Summit

### Wildfire resiliency

Health and protection

### Local air quality

Contributed expertise to unleaded fuel being sold at the Livermore Airport

### Stakeholder communication

Worked with residents, businesses, civic/faith orgs, schools, and governments.