



# **CREEK LANDS**

*Conservation*



## Our Mission:

To conserve and restore the  
watersheds and nearshore marine  
ecosystems  
of California's Central Coast through:

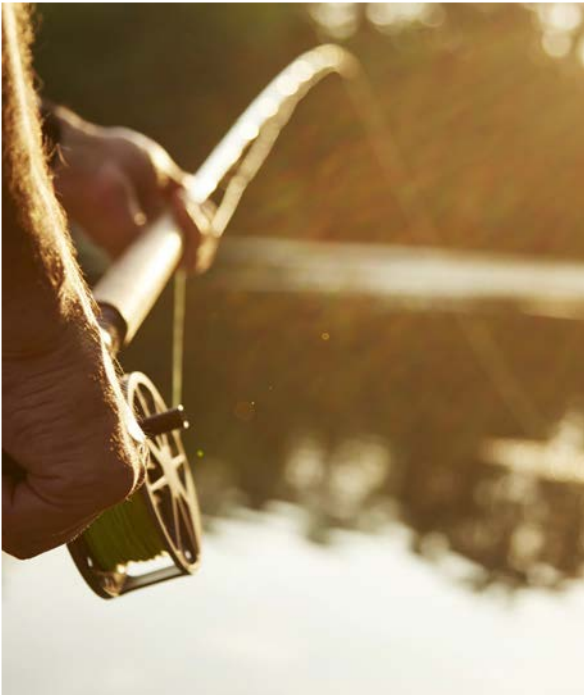
- Conservation science
- Environmental education
- Stewardship action

# We envision resilient Central Coast ecosystems and communities



- Central Coast Salmon Enhancement founded in 1983, rebranded 2019 as Creek Lands Conservation
- Salmon raised in Avila Bay until 2007 with over two million added to ocean stocks for sport and commercial fishing
- Habitat restoration, education and citizen science programs aim to someday de-list South Central California Coast Steelhead as a protected species
- Today, our volunteers, scientists, and partners are the backbone of regional conservation efforts to restore and strengthen the vitality of our ecosystems

We are reimagining how to conserve our watersheds for people and wildlife

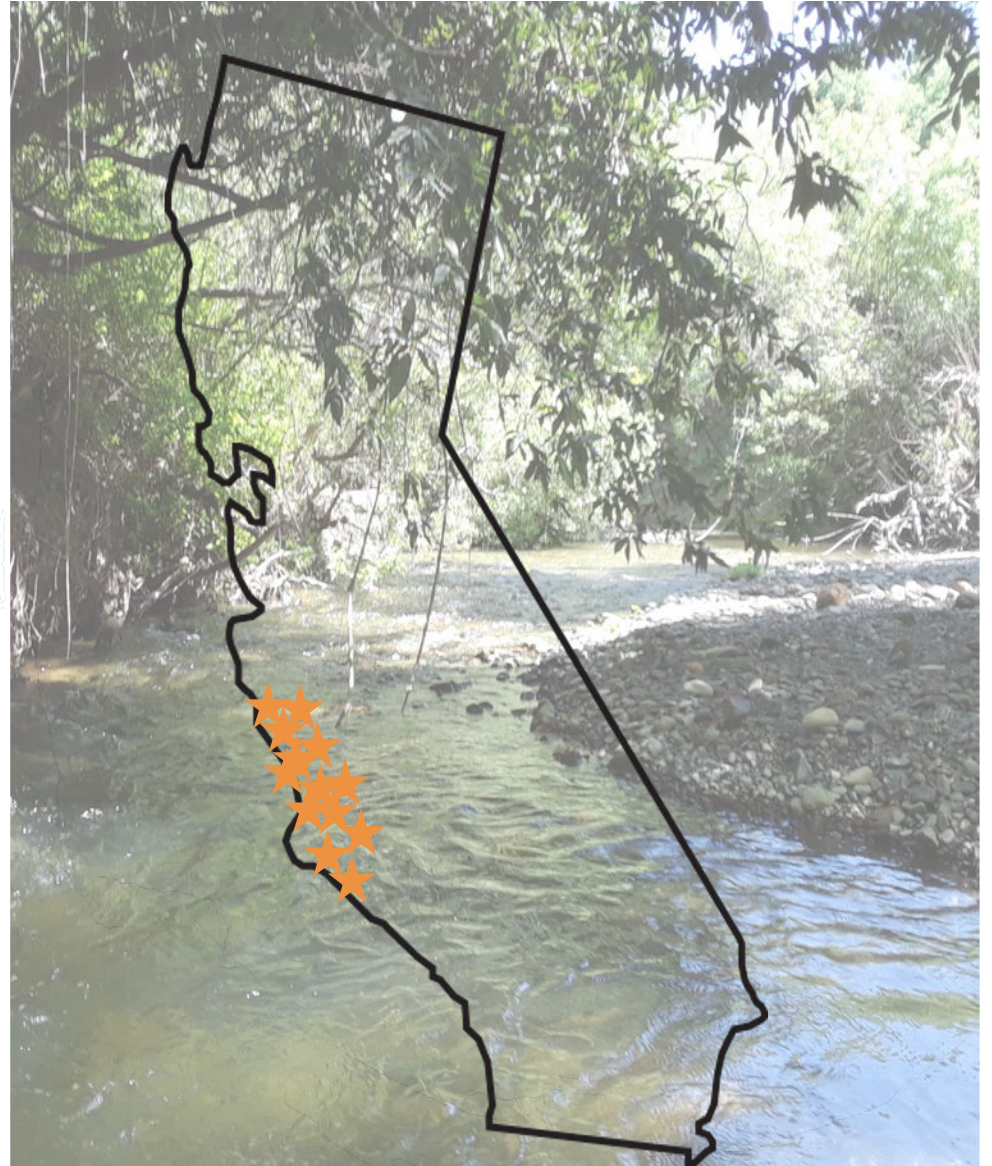


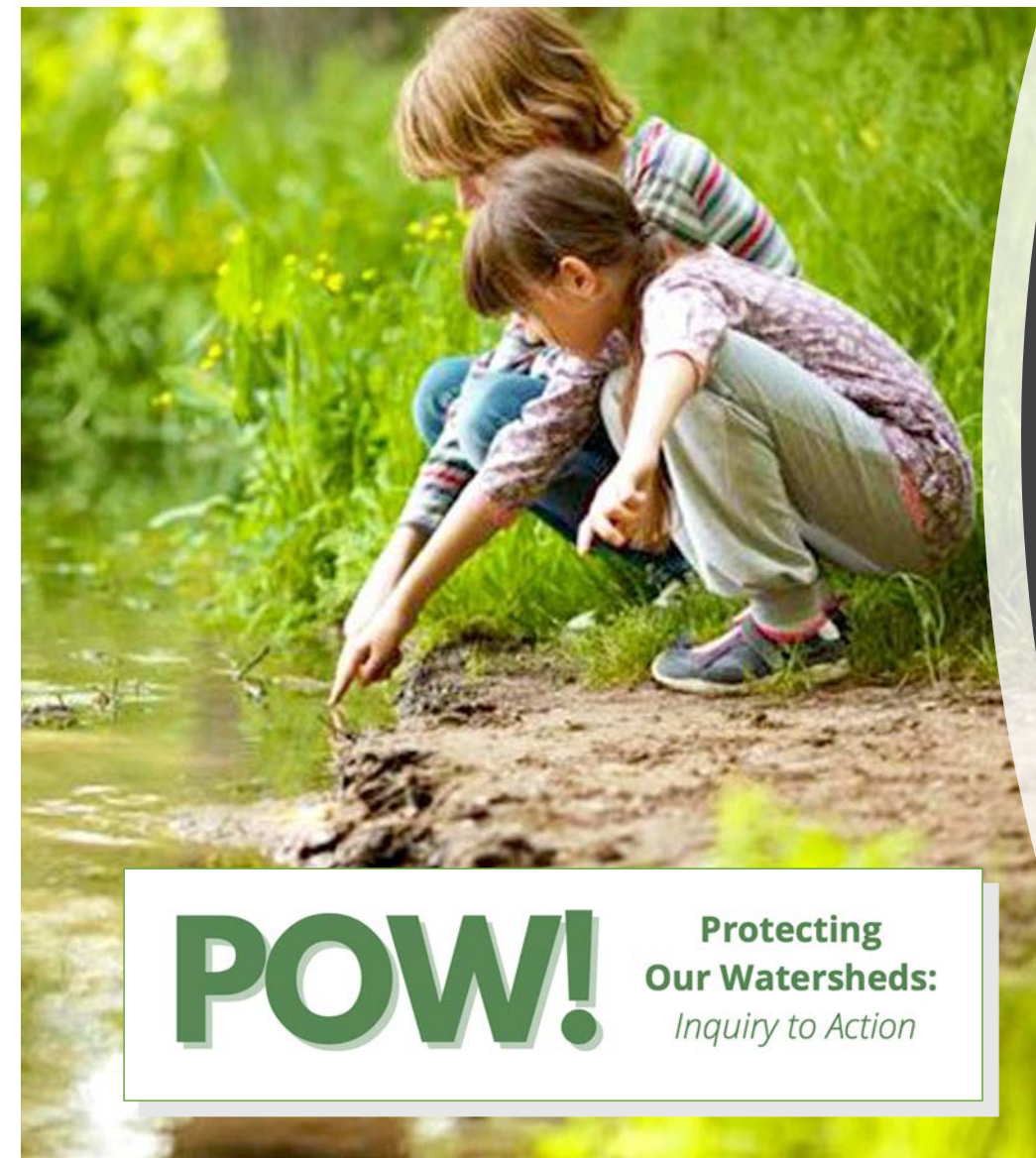
- Central Coast droughts are projected to worsen
- 80% of water usage in California is for agriculture
- Low stream flow and high water temperature threatens California's native fish



## Watershed Conservation Projects--Based on Conservation Science

- **Restoring Habitats**
- **Augmenting Stream Flow**
- **Improving Fish Passage**
- **Collaborating on Watershed Planning**





**POW!**

**Protecting  
Our Watersheds:**  
*Inquiry to Action*

## Equitable and Inclusive Environmental Education

- We offer education programs to inspire and engage the community toward a sustainable future
  - Environmental literacy programming for 3rd, 4th, and 5th graders throughout San Luis Obispo County
- We collaborate with excellent science education partners:
  - Cal Poly San Luis Obispo
  - Morro Bay National Estuary Program
  - Miossi Charitable Trust
  - Several Central Coast school districts





## Santa Maria River Healthy Watershed Initiative

- Develop two projects within existing restoration plans:
  - **Improve water quality** in the Orcutt-Solomon Creek Retention Basin
  - **Improve water quantity** on the mainstem Santa Maria River through recharge augmentation
- Train **water quality monitoring** volunteers in the Santa Maria River Estuary
- Generate a **watershed report card framework** to engage the community and interpret information in an easy to understand format
- Provide **education through partnerships** with other groups in the Valley such as the Discovery Museum, Natural History Museum, Dunes Center, public schools

# The Request

Rose Foundation provided seed funds to start. Urgent funding needs:

## **EQUIPMENT FOR ONE VOLUNTEER WATER QUALITY MONITORING TEAM:**

- Life Jackets (4): \$100
- Dissolved oxygen meter (1): \$1,121
- Hydrometer (1): \$60
- Water sampler (1): \$100
- Nitrate Tablet Test Kit (1): \$66
- Waterproof paper (1): \$25
- Staff time to train volunteers: \$500

TOTAL=\$1,972



**\$4500 desired to supplement Rose Foundation grant and equip 2 teams**

## Beyond the Ask: Become a Creek Lands Conservation Sponsor

- **Research Sponsor:** support data collection and analysis for streamflow augmentation projects
- **Restoration Sponsor:** improve and protect wildlife habitat
- **Education Sponsor:** ensure future generations are prepared to be tomorrow's environmental caretakers
- **Citizen Science Sponsor:** provide opportunities for people to engage in projects that connect them to the outdoors while generating scientifically valuable data

