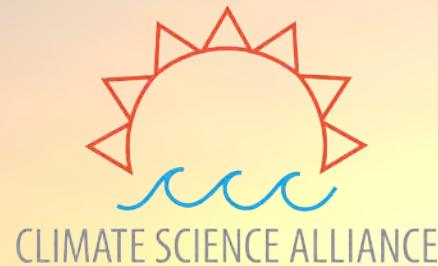


CA 4th Climate Change Assessment: San Diego Regional Reports



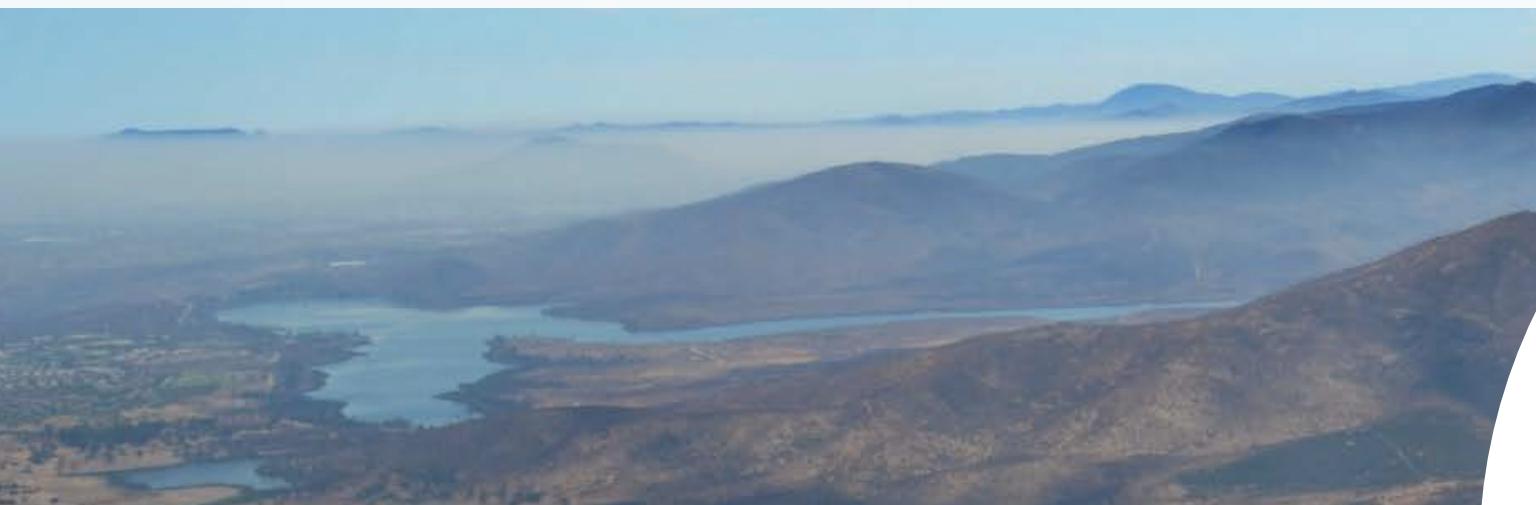
National Academy of Sciences
August 14-15, 2018



Laura Engeman
Center for Climate Change Impacts & Adaptation (SIO)
Climate Science Alliance

Photo by Tom Coates

Climate Change Assessment for the San Diego Region



LEAD AUTHORS:

Julie Kalansky, Dan Cayan

Scripps Institution of Oceanography

Photo by Joanna Gilkeson / USFWS



CALIFORNIA
ENERGY
COMMISSION



UC San Diego

4th Assessment Section Focus: *Boundary Spanning Organizations*



“Boundary-spanning organizations can help translate the science in real time, build trust among partners, and have enough influence to garner support for action”



San Diego County Ecosystems:

*The Ecological Impacts of Climate
Change on a Biodiversity Hotspot*



LEAD AUTHOR:
Megan Jennings,
San Diego State University

Photo by Joanna Gilkeson / USFWS

San Diego Ecosystems Report: Key Findings

- Range shifts
- Species thresholds for intense warming and drought
- Coastal low clouds and fog
- Landscape-scale planning
- Fire seasons, winds, and fire fuels



Photo by Lisa Cox / USFWS

A photograph of a group of people, including adults and children, walking away from the camera on a dirt path. They are in a natural, outdoor setting with green grass, bushes, and hills in the background under a clear blue sky. A large, semi-transparent orange banner is overlaid on the top left of the image, containing the text "COMING SOON!" in white, bold, sans-serif capital letters.

COMING
SOON!

Outreach

Translation

Dissemination

Resilient Coastlines



- Regional SLR group outreach
- SLR Science graphics to reach broader audiences
- Highlights need for continued regional science to inform mitigation and adaptation solutions

Climate Smart Water Summit



- October 2018
- Water chapter and adaptation strategies.
- Stormwater and water supply managers, public agency leaders and staff, scientists, NGOs



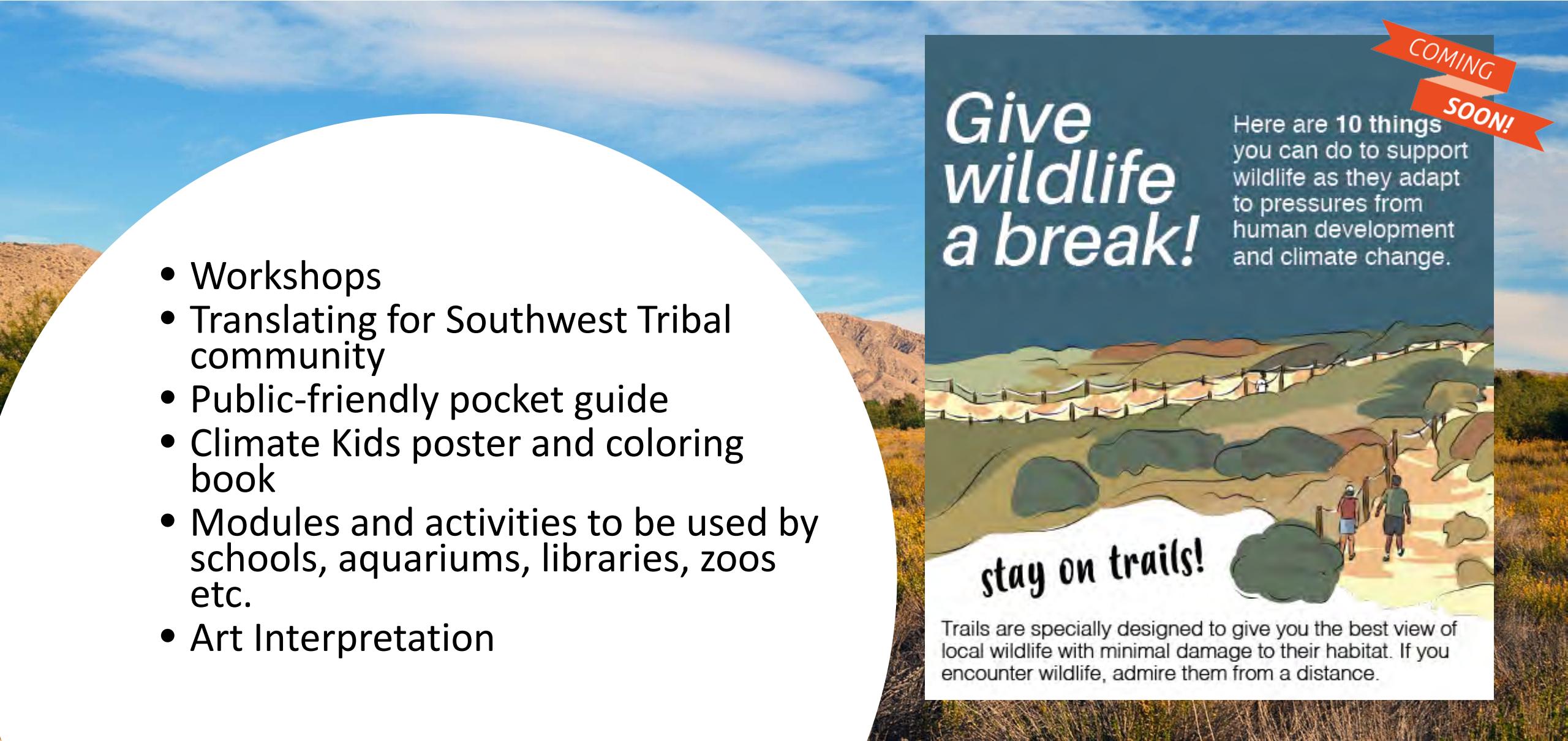
Climate Science Alliance & CCCIA



CLIMATE SCIENCE ALLIANCE



- Workshops
- Translating for Southwest Tribal community
- Public-friendly pocket guide
- Climate Kids poster and coloring book
- Modules and activities to be used by schools, aquariums, libraries, zoos etc.
- Art Interpretation



Give wildlife a break!

COMING
SOON!

Here are 10 things you can do to support wildlife as they adapt to pressures from human development and climate change.

stay on trails!

Trails are specially designed to give you the best view of local wildlife with minimal damage to their habitat. If you encounter wildlife, admire them from a distance.

Why State of the Science is a Key Step in Climate Adaptation





*Sets the stage for what
are critical thresholds
for humans, wildlife,
and infrastructure that
will drive adaptation
action and investments*

