

# Ecosystems Education Resources

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The **Western Ecological Research Center (WERC)** is a USGS science center serving California, Nevada and the greater Pacific Southwest — the most ecologically diverse geographic region in the U.S. and a veritable outdoor classroom for natural history education.

WERC researchers are stationed across California and Nevada, studying iconic landscapes like the misty redwoods of the North Coast, the mountain habitats of Yosemite, the wetlands of San Francisco Bay, down to the arid Mojave Desert and the suburban wilderness bounding Southern California.

Our efforts are part of the greater USGS mission to provide sound scientific information to federal, state and local agencies, including the National Park Service, U.S. Marine Corps and California Department of Fish and Game. We work with many local partners, like University of California and Monterey Bay Aquarium.

We invite you to follow our expeditions and projects through our outreach resources. Join us as we survey the many amazing ecosystems and species that enrich the greater Pacific Southwest!



### **USGS "WERC From the Field"**

Regular blogposts and videos about USGS ecological and wildlife research in California, Nevada and beyond.

<http://www.werc.usgs.gov/outreach.aspx>

### **USGS Ecosystems Homepage**

Learn about the range of surveys and research by the USGS Ecosystems mission area.

<http://www.usgs.gov/ecosystems>

### **USGS Education Homepage**

A central source for USGS education materials.

<http://education.usgs.gov>

### **USGS Newsroom**

Latest news releases from USGS for your state.

<http://www.usgs.gov/newsroom>

### **USGS Multimedia Galleries**

Search and download photos, films and podcasts on biology, wildlife and landscapes in our many archives.

<http://gallery.usgs.gov>

<http://gallery.usgs.gov/collections.asp>

### **USGS Evening Public Lecture Series (Menlo Park, CA)**

<http://online.wr.usgs.gov/calendar/>

### **USGS Science in Action Public Lectures (Reston, VA)**

[http://www.usgs.gov/public\\_lecture\\_series/](http://www.usgs.gov/public_lecture_series/)

### **USGS Social Media Accounts**

<http://www.usgs.gov/socialmedia/>

<http://www.facebook.com/USGeologicalSurvey>

<http://twitter.com/usgs>

<http://www.youtube.com/usgs>

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## Amphibians of the United States Photo Gallery (ARMI)

<http://armi.usgs.gov/gallery/index.php>

## Avian Influenza Projects and Migration Maps

Learn how USGS biologists are using GPS data to study bird migrations and bird flu.

<http://www.werc.usgs.gov/ResearchTopicPage.aspx?id=17>

## Bat Vocalizations of San Francisco Bay Area

Download WAV files for Bay Area bat species.

<http://www.werc.usgs.gov/sfbats>

## Burial by Ash: Wildfires and Aquatic Life

<http://www.werc.usgs.gov/outreach.aspx?RecordID=55>

## Coastal and Marine Research News from USGS

<http://soundwaves.usgs.gov>

## Coloring Sheets - California Wildlife

Download coloring sheets featuring the native and invasive species found in California.

<http://www.werc.usgs.gov/outreach.aspx?RecordID=12>

<http://www.werc.usgs.gov/outreach.aspx?RecordID=56>

<http://www.werc.usgs.gov/outreach.aspx?RecordID=112>

## Field Guide: Reptiles and Amphibians of Southern California

A photographic field guide to reptiles and amphibians of coastal southern California.

<http://www.werc.usgs.gov/socalherpguide>

## Nature's Notebook - USA National Phenology Network

Help researchers collect data on the seasonal cycles of America's plants and animals. Become a citizen observer at:

<http://www.usanpn.org>

## Packs, Coveys and Cetes: What Do You Call a Group of...?

<http://www.npwrc.usgs.gov/about/faqs/animals/names.htm>

## Sea Otter Field Blogs - USGS Pacific Nearshore Project

Read field journals from USGS and Monterey Bay Aquarium scientists studying sea otters from Alaska to California.

<http://on.doi.gov/nearshore>

## Sea Otter Spotter Game: Do You Have What It Takes?

<http://www.werc.usgs.gov/seaotterspotter>

## Tracking Wildlife: Training Dogs to Sniff for Animal Poop

<http://www.werc.usgs.gov/Project.aspx?ProjectID=116>

## Turkey Day Science: What Do Gobblers Gobble?

<http://www.werc.usgs.gov/outreach.aspx?RecordID=17>

## VIDEO: The Heat Is On - Desert Tortoises and Survival

Discover the challenges desert tortoises face in the Mojave Desert, and how USGS scientists are studying this species.

<http://pubs.usgs.gov/gip/98/>



### FOR MORE INFORMATION, CONTACT:

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### WERC Products Search

Download scientific journal articles and other products published by WERC scientists.

<http://www.werc.usgs.gov/ProductsSearch.aspx>

### WERC Events Listing

Browse list of upcoming scientific conferences and outreach events with WERC presentations and participation.

<http://www.werc.usgs.gov/Events.aspx>

### VIDEO: How Did the Bobcat Cross the Road?

<http://www.werc.usgs.gov/outreach.aspx?RecordID=105>

### VIDEO: Night of the Brain Snatchers!

<http://www.werc.usgs.gov/outreach.aspx?RecordID=3>

### VIDEO: Precipice of Survival - The Southern Sea Otter

Listen to USGS researchers explain their decades-long research on California's threatened sea otters.

<http://online.wr.usgs.gov/outreach/otter/>

### VIDEO: Wetland Revival

Learn about the South Bay Salt Pond Restoration Project, which is reviving the wetlands that protect Silicon Valley.

<http://www.werc.usgs.gov/ProductDetails.aspx?ID=3935>

### Volunteering at USGS

<http://www.usgs.gov/volunteer/>