

What can YOU do to protect local salamanders?

Use sustainable products to reduce your carbon footprint.

Protect caves & other important amphibian habitats.

Leave salamanders in their native habitats; don't take them home.

Disinfect field gear between sites to reduce the risk of transmitting deadly disease.

Replace turned logs to prevent drying & maintain salamander habitat.

Pick up litter to keep salamander habitats pristine.

Support local conservation organizations like FCSal

**More info
at fcsal.org**



FCSal is an organization dedicated to the conservation of salamanders and their habitats.

Contact Us

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The Foundation for the Conservation of Salamanders



[@fc_salamander](https://www.instagram.com/fc_salamander)

Salamanders of the SW Mountain States

Arizona, New Mexico, Colorado, Nevada, and Utah



Photo: Jason Fantuzzi

AN EDUCATIONAL GUIDE



**PROVIDED BY THE
FOUNDATION
FOR THE
CONSERVATION
OF
SALAMANDERS
(FCSAL)**

Salamander Facts

- There are over 600 species of salamander worldwide
- The U.S. is a salamander hotspot, with more species than any other country
- Nearly half of salamander species worldwide are threatened with extinction
- Salamanders are important members of food webs in many ecosystems

Threats to Salamanders

Deforestation causes the loss of critical habitat and increases ground temperature, disrupts vernal pools, and increases run-off.

Diseases such as Amphibian Chytrid Fungus and Ranavirus are spreading across the world causing amphibian declines.

Climate change is affecting salamander assemblages as well as breeding ecology by altering the weather within their microhabitats.

Pollution can affect a salamander's sensitive skin, causing an array of problems for these environmental indicators, species that reflect the health of the environment.

Salamanders will often cross roads to access breeding sites making them susceptible to road mortality.

Habitat loss and fragmentation reduce the amount of habitat and cause small, isolated populations of salamanders.



Jemez Mountains Salamander (*Plethodon neomexicanus*) - **ENDANGERED**



Photo: Andrew DuBois
Sacramento Mountains Salamander (*Aneides hardii*)

Salamanders by State

- New Mexico:
 - Tiger salamander (*Ambystoma tigrinum*)
 - Jemez Mountains salamander (*Plethodon neomexicanus*)
 - Sacramento Mountains salamander (*Aneides hardii*)
 - The Jemez Mountains and Sacramento Mountains salamanders are endemic to New Mexico
 - Jemez Mountains salamanders are **ENDANGERED**



Photo: National Park Service
Western Tiger Salamander (*Ambystoma mavortium*)



Photo: Jason Fantuzzi
Tiger Salamander (*Ambystoma tigrinum*)

Salamanders by State

- Arizona:
 - Arizona tiger salamander (*Ambystoma mavortium nebulosum*) & Sonoran tiger salamander (*Ambystoma mavortium stebbinsi*) - subspecies of the western tiger salamander
 - The Sonoran tiger salamander is **ENDANGERED**
- Colorado, Nevada & Utah
 - Western tiger salamander (*Ambystoma mavortium*)