

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

Foundation for the Conservation of Salamanders (FCSal)



fcsal.org



info@fcsal.org



The Foundation for the Conservation of Salamanders



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

Salamanders of Mississippi

Mississippi is home to about 30 species of salamander!



Photo: Brad M. Gloriosos, USGS National Wetlands Research Center

AN EDUCATIONAL GUIDE



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

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.



Photo: Tyler Brock

Two-toed Amphiuma (*Amphiuma means*)



Photo: Brad M. Gloriosos, USGS National Wetlands Research Center

Mississippi Slimy Salamander (*Plethodon mississippi*)



Photo: John D. Willson, Savannah River Ecology Lab

Southern Dwarf Salamander (*Eurycea quadridigitata*)



Photo: John D. Willson, Savannah River Ecology Lab

Marbled Salamander (*Ambystoma opacum*)



Photo: Justin Elden

Tiger Salamander (*Ambystoma tigrinum*)



Photo: Caley Johnson

Cave Salamander (*Eurycea lucifuga*)
- **ENDANGERED (MS)**



Photo: Tyler Brock

Green Salamander (*Aneides aeneus*)
- **ENDANGERED (MS)**



Photo: Alan Cressler, USGS

Eastern Hellbender (*Cryptobranchus alleganiensis*) -
ENDANGERED (MS)



Photo: Aidan McCarthy

Spring Salamander (*Gyrinophilus porphyriticus*)
- **ENDANGERED (MS)**