



## US Forest Service R&D PNW Research Station

**Project Title:** Herpetological Conservation in Northwestern North America

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**Project Description:** A synthesis of key herpetological conservation issues, projects, and programs in northwestern North America was compiled. Over 100 amphibian and reptile species inhabit this area, with a large proportion of them facing threats to their persistence. Representatives from seven U.S. states (northern California, Oregon, Washington, Alaska, Idaho, Montana, Wyoming) and three Canadian provinces (British Columbia, Yukon, Alberta) summarize the main concerns in their areas, with climate change being one of the factors potentially affecting species across this vast region. Specific consequences of climate change to amphibians and reptiles, and their habitats, are provided. Management considerations relative to each potential outcome of climate change are listed.

**Project Deliverables:**

Olson, D. coord. ed. 2009. Herpetological conservation in northwestern North America. *Northwestern Naturalist*.

**Project Outcomes:** Highlighting climate change as a threat to herpetofauna in the region can focus much needed attention to the species of concern that may be most vulnerable to declining populations. Management considerations are listed that can help to retain population resiliency in the face of altered habitat conditions, such as retaining habitat integrity and connectivity areas.