

STATEMENT OF QUALIFICATIONS

Eric C. Hansen

POSITION: Principal Consulting Environmental Biologist

EDUCATION

- Bachelor of Science in Ecology and Environmental Biology, U.C. Davis, 2001
- Master of Science in Zoology and Animal Biology, C.S.U. Chico, 2008

PROFESSIONAL AFFILIATIONS

American Society of Ichthyologists and Herpetologists
Society for the Study of Amphibians and Reptiles
The Wildlife Society
Herpetologists League

EXPERIENCE

- Recognized expert in designing and executing field surveys and research on threatened or endangered reptiles and amphibians, with specific emphasis on the giant garter snake.
- Developer and principal investigator on projects funded through the Central Valley Project Improvement Act Habitat Restoration Program pertaining to giant garter snake habitat restoration, population health, and toxicology.
- Expert panelist and outside reviewer of research proposals related to the giant garter snake for Yolo County, the California Department of Water Resources, and the U.S. Geological Survey.
- Adjunct Assistant Professor of Biology at Sacramento City College, and regular lecturer and workshop presenter regarding reptile and amphibian ecology throughout California.
- Holds a current valid USFWS 10(a)(1)(A) Recovery Permit (TE-018177-7) and CDFW Wildlife Collecting Permit (SC-003881), which authorize intensive research on giant garter snakes throughout the entirety of their range.

PUBLICATIONS

- Hansen E.C., R.D. Scherer, E. Fleishman, B.G. Dickson, and D. Krolick. 2017. Relations between Environmental Attributes and Contemporary Occupancy of Threatened Giant Gartersnakes (*Thamnophis gigas*). *Journal of Herpetology*, 51(2):274-283.

- Schumer G., E.C. Hansen, and S.M. Blankenship. Development of a Quantitative Polymerase Chain Reaction assay and Environmental DNA sampling methods for the Giant garter snake (*Thamnophis gigas*). PLoS ONE In Review.
- Hansen, E.C., R.D. Scherer, G.C. White, B.G. Dickson, and E. Fleishman. 2015. Estimates of survival probability from two populations of giant gartersnakes in California's Great Central Valley. *Copeia* 103:1026-1036.
- Wood, D.A., B.J. Halstead, M.L. Casazza, E.C. Hansen, G.D. Wylie, and A.G. Vandergast. 2015. Defining population structure and genetic signatures of decline in the giant gartersnake (*Thamnophis gigas*): implications for conserving threatened species within highly altered landscapes. *Conservation Genetics* 16:1025-1039.