

W. Geoffrey Spaulding, Ph.D.

Quaternary Paleoecologist, Paleoclimatologist, Geoarchaeologist

Education

Ph.D., Geology (Quaternary Paleoecology)

M.S., Geology (Palynology & Vertebrate Paleobiology)

B.A., Anthropology

Registrations (last 10 yr)

- Approved Paleontological Resources Specialist by the California Energy Commission and Caltrans
- California and Nevada Bureau of Land Management Paleontological Resources Use Permits
- Reviewed under Secretary of the Interior's Guidelines by the California Energy Commission and Caltrans and Approved as a Geoarchaeologist

Experience and Background

Geof Spaulding is a Quaternary paleoenvironmental specialist based in Henderson, Nevada. Prior to taking up private practice, he was a senior technical consultant and client services manager with the international engineering and environmental firm CH2M Hill (2001 to 2016). Before that Geof was responsible for environmental and cultural resources services in the Las Vegas office of Dames & Moore (1990-2001). From 1979 through 1990 he was a Research Professor of Botany at the University of Washington, Seattle, and was head of the Arid-Lands Paleoecology Laboratory of the Quaternary Research Center. He received his graduate training at the Desert Laboratory of the Department of Geosciences, University of Arizona, Tucson.

He has extensive experience in paleobiology, paleontology, and Quaternary geochronology of the American west including California. He also is accomplished in the study of site formation processes, and age determinations of archaeological and paleontological sites in the western United States. He also is experienced in paleohydrologic reconstructions in the desert West using groundwater discharge and pluvial lake records. He is sole author of a U. S. Geological Survey Professional Paper on the Late Quaternary climates of the Yucca Mountain area.

Geof is the son of a career Army officer, and experienced a range of cultural contexts while growing up, from Japan to Texas, and from southern Virginia to New England. He also is a retired Captain in the U.S. Army Reserve. Geof has served on a National Academy of Sciences panel examining Yucca Mountain hydrogeological studies, was a participating member of the Cooperative Holocene Mapping (COHMAP) Project supported by the NSF and DOE, as well of the Smithsonian Institution's Evolution of Terrestrial Ecosystems Program. His current interests include paleohydrologic research in the southern Mojave and Colorado deserts, and Quaternary paleoecological change in the American West.