

Summary of qualifications

Environmental Qualifications

- Co-author Environmental Assessments, Environmental Impact Statements, Environmental Impact Reports, Biological Assessments, Land & Resource Management Plans for site-specific projects and landscape levels. Environmental issues included: watershed management plans, hydroelectric operations, water storage and flood control dams, livestock grazing, forest management, surface mining, land use plans, fish & wildlife improvements, habitat conservation plans, wetlands & riparian habitat, threatened and endangered species, air & water quality, recreation, and cultural resources. Experience in National Environmental Policy Act, California Environmental Quality Act, Endangered Species Act consultations with National Marine Fisheries Service and U.S. Fish and Wildlife Service (Section 7 and 10a), Clean Air Act, Clean Water Act, Storm Water Pollution Prevention Plans, and wetlands delineation.

Fisheries

- Manager and or team member interdisciplinary team in science based anadromous and resident fish population studies, habitat inventory, riparian and wetlands delineation, stream channel hydrogeomorphology (Rosgen) and monitoring studies. Designed and constructed habitat improvements based on relevant site specific environmental data acquisition and analysis. Experience in endangered northwest Pacific salmon, and south-coast California steelhead, as well as other listed and unlisted resident fish species. Reduced non-point source (sediment and nitrates) pollution of riparian habitat & streambank erosion, watersheds in Oregon, and Utah.

Wildlife

- Informal and formal consultation for plants, fish & wildlife species listed for protection under the Endangered Species Act. Conducted soil and vegetation inventories, designed and constructed habitat improvements in high desert ecosystems. Co-authored technical reports, agency manuals, fire management plans, environmental documents and habitat management plans. Experience in habitat management for a variety of intermountain wildlife species such as mule deer, elk, big horn sheep, antelope, and resident and migratory bird habitat improvements.

Employment History

- 1979-1990. Bureau of Land Management, Richfield, Utah.
- 1990-1995. Bureau of Land Management, Prineville, Oregon.
- 1998-Present. Bureau of Reclamation, Fresno, California.

Grants & Environmental Education

- National Fish & Wildlife Foundation. 1989-Present.
- Bring Back the Natives Program. Trout Unlimited. 1990 - 1995.
- Co-author Environmental Education Curriculum (K-12) for Crooked River Ecosystem Education Committee (CREEC), Crook County Oregon, 1993-1995.

Professional Service

- Director, Sierra Resource Conservation District for eastern Fresno County. 1999 - Present.
- Past President, Bonneville Chapter of American Fisheries Society. 1989 - 1990.
- Executive Officer, Bonneville Chapter of the American Fisheries Society. 1986-1989.
- Instructor, Fisheries Habitat Management, Phoenix Training Center, Bureau of Land Management. 1985 - 1990.