

SUSAN PETERSON

West Sacramento, CA 95605 | susan@me.com | 801-222-2222

Veterans' Preference Eligible

SUMMARY OF QUALIFICATIONS

Civil Engineer and Archaeologist and Cultural Resource Professional with 20+ years of combined civilian and U.S. Army experience in **civil engineering, archaeological research, environmental management, field surveying**, and cultural heritage documentation. Skilled in project leadership, **site assessment**, and historical analysis for federal land management and infrastructure programs. Proven success collaborating with tribal communities, environmental scientists, and government stakeholders to preserve cultural resources. Experienced in **GIS mapping, detailed CADD drawings, , excavation logistics, demining operations**, and historical documentation under the **National Historic Preservation Act (NHPA) and NEPA frameworks**.

Core Competencies: **Lead complex civil design; Direct multidisciplinary engineering teams; archaeological Survey & Excavation;** Cultural Resource Management (CRM); GIS Mapping & Spatial Analysis; NEPA/NHPA Compliance; Tribal Consultation & Liaison; Project Planning & Field Coordination

EDUCATION

Master of Anthropology (in progress) – California State University, Sacramento — Expected June 2028

Bachelor of Science, Civil Engineering – Oregon State University, 2022 | *Relevant Coursework:* Project Planning and Control, Construction Cost Estimating, Matrix Analysis of Structures, Structural Dynamics, Engineering Properties of Soils, Applied Engineering Geology, Rock Mechanics, Flow Through Soils

PROFESSIONAL EXPERIENCE

Associate Government Program Analyst

California Department of Forestry and Fire Protection (CAL FIRE) – Sacramento, CA

April 2023 – Present | 40 hrs/week

Provide program analysis and contract administration in support of public infrastructure and resource management operations. Coordinates maintenance projects and public works contracts for fire stations across Central and Southern California, ensuring **environmental compliance and operational safety**.

- Develop scopes of work and performance timelines for emergency service and maintenance contracts in alignment with **state environmental and safety regulations**.
- Manage vendor oversight and quality assurance, certifying payments and verifying compliance with contractual terms.
- Support wildfire **mitigation projects involving soil, hydrology, and vegetation impacts**—ensuring integration with environmental protection standards.

Noncommissioned Officer-in-Charge (NCOIC)

U.S. Army – Sierra Army Depot, Herlong, CA

July 2022 – June 2023 | 40 hrs/week

Led multidisciplinary team in logistics, safety, and infrastructure support for base operations. Directed training, environmental safety protocols, and facility use for military and civilian operations.

- Established Range Operations cell to restore and manage live-fire training and physical readiness programs—the first since depot closure in 1994.

- **Evaluates constructability and biddability.** Coordinated with environmental officers to ensure safety and compliance during terrain rehabilitation projects.

Army Reserve Administrator (GS-9)

U.S. Army Reserves – Sacramento, CA

Feb 2013 – July 2022 | 40 hrs/week

Supported training, logistics, and personnel programs while managing contracts with federal and private vendors. Oversaw training and environmental site management for multiple reserve centers. **Direct multidisciplinary engineering teams.** Managed government contracts, personnel logistics, and transportation for over 200 reservists. Conducted archival documentation and record preservation to support historical and environmental review projects.

Civil Affairs & Demining Officer (Captain, U.S. Army)

Engineer Mine Detection Unit – Bagram Airfield, Afghanistan

June 2009 – December 2010

Directed multinational mine-clearing operations in Afghanistan as Officer-in-Charge, leading coordination between UN Mine Action, U.S. military assets, local staff, and South African de-mining teams. **Generated digital terrain models.** Spearheaded strategic planning, risk assessment, and civilian engagement to enable safe expansion of Bagram Airfield. **Conducts field reconnaissance assessments.** Oversaw QA/QC protocols, advised senior leaders on asset deployment, and managed Afghan civilian teams. **Identified 150 potential mines, confirmed 37 live ordnances. Recognized with Bronze Star.**

Support Services Specialist (GS-7)

U.S. Forest Service – Shasta-Trinity National Forest, Weaverville, CA

Aug 2016 – May 2018 | 40 hrs/week

Served as administrative and environmental support professional overseeing operational logistics, facility management, and historical documentation for a district listed on the **National Register of Historic Places.** Contributed to interdisciplinary teams supporting archaeology, botany, and fisheries divisions.

- Conducted **historical research using archival records, mining claims, and property maps** to assist the **South Fork Archaeology Team** in **cultural documentation and preservation planning.**
- **Performs independent technical reviews.** Provided reference materials and documentation to tribal communities collaborating on **archaeological and environmental restoration projects.**
- Oversaw maintenance of the 70-year-old Weaverville Ranger Station, coordinating **preservation work compliant with federal historical preservation standards.**

Key Accomplishment: Directed restoration and modernization of district facilities, including upgraded plumbing, electrical systems, and digital infrastructure to support field teams and public engagement.

CERTIFICATIONS & TRAINING

GIS Mapping & Data Collection – ESRI ArcGIS (2024)

NEPA & NHPA Cultural Resource Compliance

Federal Contracting & Grants Management

Hazardous Site Safety (HAZWOPER)

Microsoft Office Suite, Teams, and SharePoint

Military Environmental & Engineering Operations (USACE Certified)