

## Objective

My interest is to provide the highest quality of service I can to Evari clientele through the use of GIS and other tools. My specific interest lies in obtaining a clear and improved understanding of the potential environmental impacts of developments being made in the fields of energy conservation (specifically street lighting) and urban development through the use of GIS, understanding of relevant policies and high accuracy data collection.

## Qualifications

- Skilled at collecting and analyzing a variety of data in ArcMap (GIS)
- Proficient at collecting data in a consistent and accurate manner ranging from natural resources to municipal infrastructure/assets
- Able to interpret and communicate environmental and civil policy (Including NEPA & CEQA)
- Comfortable engaging with members of the public and other companies or agencies

## Education

**Geospatial certificate** (Humboldt State University)  
2017

**Bachelor of Science** (Humboldt State University)  
Ecological Restoration  
Minor (Wildland Soil Sciences)  
2011-2016

## Technical Skills

- Software: ArcMap (GIS), ENVI, Excel, Microsoft Word, MiniTab, Powerpoint
- Capable of utilizing various taxonomic keys and field books (Keys to Soil Classification, Field Book for Sampling and Describing Soils, Jepson Manual (Plant Taxonomy))
- Able to conduct surveys of vegetative communities and landscape ecology
- Able to sample and classify a variety of wetland and wild land soil profiles
- Capable of performing an Erosion Hazard Rating (EHR)

## Relevant Coursework

Concepts of GIS • Environmental Impact Assessment  
• Watershed Hydrology • Plant Taxonomy •  
Fundamentals of Ecological Restoration • Applied  
Ecological Restoration • Environmental Conflict  
Resolution • Wetland Soils • Soil Classification and  
Taxonomy • Soil Physics • Rangeland and Forest Soils  
Management • Vegetative Health and Analysis

## Experience

**GIS Technician – Evari GIS Consulting, Inc.**  
(September 2016 – Present)

- Assisting with the audit of existing streetlight infrastructure to enable large-scale LED conversions
  - PG&E territory supporting installation of 160,000 streetlights across 70,000 acres
  - Assisted in the comprehensive audit of over 100,000 streetlights for the City of Phoenix despite extreme temperatures and an accelerated deadline
- Collecting large amounts of data while maintaining the highest degree of accuracy possible
- Providing quality control of the audit data collected for Chicago Infrastructure Trust's Smart Lighting Project
- City of San Diego, As-Needed Civil Engineering and Consultant Services for Municipal Storm Water Program Support
  - Updated records of existing storm water infrastructure in the Maple Canyon and Los Penasquitos watersheds through the use of as-built plans and topology (City of San Diego)
- Met with clients regarding the Intelligent Cities Outdoor Lighting Retrofits Project (City of San Diego)
  - Collected parking data which was accurate to the sub meter
- Prepared data for various project proposals (LA Metro MicroTransit Pilot/Federal Way, Washington Streetlight Upgrade)

**Scientific Aid –California Department of Fish & Wildlife**

(April 2015 - September 2015)

- Analyzed and collected biological samples including measurements and weights
- Recorded large amounts of biological data which was compiled and submitted weekly
- Approached and engaged members of the public on a daily basis to conduct surveys, collect data, and answer questions about management and regulations
- Documented recreational fish harvest through surveys and field monitoring