

Maura Olivos

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GIS Professional Objective

To continue building upon the field of GIS specializing in field data collection techniques, data analytics, and geoprocess scripting.

Education

- [Salt Lake Community College](#) – Certificate of Geographic Information Systems, 2012
- [Unity College](#) – B.S. Environmental Science: Ecology & Environmental Education, 2002

GIS Project Experience

- [Vegetation Analysis](#) – Alta Ski Area, Alta, UT – 2012
This project consisted of identifying specific attributes within slope, aspect and elevation of 12 predefined plant community types of Alta Ski Area (ASA). Using those attributes a series of spatial raster and vector analysis queries were performed to determine an updated map of Alta's plant community types.
- [LEED Documentation](#) – Alta Ski Area, Alta, UT – 2012
Research and procurement of verified 3rd party data was performed to build a series of maps to be submitted to document acceptable building site environmental parameters for the builder in pursuit of LEED certification.
- [SKE-COLOGY Map Brochure](#) – Alta Ski Area, Alta, UT – 2011
Both field data and 3rd party data were collected to build a map for ASA's environmental education program brochure. Special detail was made to make the map aesthetically congruent to the program's brand.
- [Georeferenced Hand-Drawn Maps](#) – Alta Ski Area, Alta, Utah – 2011
Critical ASA forest management maps that only existed in non-electronic hard-copy format were identified and georeference from ASA's last Master Development Plan to support continued forest management practices.
- [Summer Operations Data Collection](#) – Alta Ski Area, Alta, UT – 2011-current
Annual summer duties include identifying appropriate features of summer operations to document through the creation of data libraries and collection.
- [Vegetation Management Plan](#) – Alta Ski Area, Alta, UT – 2008- current
Annual duties include: locating, marking and creating study site coordinates for research and monitoring purposes, creating data libraries for plan, downloading, verifying and organized data collected.
- [Elk-Cattle Enclosure Research Project](#) – Forest Service, La Grand, OR – 2006
A handheld Trimble unit was utilized for the data collection of forestry measurements, to find coordinates, and note other pertinent data.

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Software and Hardware Experience

- ArcGIS 9.3 and 10.0
- Adobe Photoshop Cs5.5
- Microsoft Excel XP
- Trimble – Geoexplorer
- Garmin – eTrex and GPSMap

Skills

- Extensive experience with field resource management data collection techniques
- Field collection veteran within extreme climatic conditions and periods
- Skilled 4x4 and ATV driver
- Qualified vegetation and bird surveyor
- Knowledgeable and completed field work in soil and wetland delineations

Certifications

- Current First Aid and CPR
- OSHA 10-Hour General Industry Course Certificate

References – Available Upon Request