

DEBORAH L. TRAVER

Hood River, Oregon 97031 • (541)601-5188 • deborah.traver@gmail.com

GEOGRAPHIC INFORMATION SYSTEM (GIS) SPECIALIST

Profile:

- GIS Masters Degree
- 10 Years of GIS Experience
- Programming Experience
- Advanced Geospatial & Statistical Analysis
- Database Management
- Effective communication & organization

Experience:

The U.S. Department of Agriculture, U.S. FOREST SERVICE, Oregon & Utah

GIS Specialist (GISS), June 2009 – present

- Work for Incident Management Teams on wildland fires, either with or as the lead of a group of GIS Specialists, to analyze and manage data and create a variety of map products for use in briefings, operations, aviation, logistics and resource evaluation while meeting strict daily deadlines.
- Acquire base data from local land management agencies, online data clearinghouses, and field intelligence (observation, Infrared, & GPS). Manage data in an incident geospatial databases.
- Analyze data through complex queries and statistical methods to extract justifiable information for use in operational and planning decisions.
- Work with aviation resources to plan, participate in, and implement GPS perimeter flights.
- Mentor and train new GIS Specialists in all performed tasks on an incident.

DEER CREEK GIS, Chico, CA & NORTH TREE FIRE INTERNATIONAL, Oroville, California

GIS Specialist & Trailer Manager, January 2009 – September 2012

- Perform all (GISS) required tasks while communicating between agency and non-agency personnel to meet expected production goals.
- Develop and sustain hardware compliance in mobile GIS trailers adhering to all interagency incident requirements.
- Set up and maintain network environments in remote locations on an incident involving communication between personal workstations, servers, satellite internet connections, plotters, and various printers.

NOMAD MAPPING, Salt Lake City, Utah

GIS Specialist / Cartographer / Owner, January 2012 – present

- Creating & managing maps and geospatial data in database format.
- Field data collection, collecting data with a GPS, importing and editing in a GIS.
- GIS Educator, private & group sessions on all aspects of GIS.

SKY RESEARCH INC, Ashland, Oregon

GIS Analyst, July 2006 – April 2008

- Perform GIS data entry, analysis, geospatial data management in geodatabase format, and modeling for a variety of UXO (unexploded ordnance) detection and discrimination projects.
- GIS technical support, mapping & data analysis, of high airborne remote sensing projects.
- Field data collection - ground-based digital geophysical mapping.
- LIDAR data processing including downloading and QA/QC of LiDAR data.

Wildland Fire Fighter Experience, 7 seasons:

- US FOREST SERVICE:
 - Bend, Oregon, 2011, Forestry Technician (Type 6 Engine Crew Member)
 - Estacada, Oregon, 2004-05 & 2008-09, Forestry Technician (Crew Member & Squad Boss)

Education:

Masters in GIS • *University of Utah* • Salt Lake City, Utah • Jan 2013 – Dec 2014

BS in Environmental Studies, emphasis Geography • *Southern Oregon University*

Minor in Land Use Planning • Ashland, Oregon • 2005

Computers:

ESRI: ArcGIS Desktop Suite, ArcSDE, ArcGIS Online, Mapping Applications, MapServer, GRASS, Windows Office Suite, Google Earth, Adobe Photoshop, Terra Scan, Microsoft Station, ENVI, NetLogo, R(statistical software), Python, SQL

Groups-Events:

GIScorps Volunteer, Salt Lake Users Group (SLUG), URISA Member, ESRI's SW 2013 Users Conference

