

April 2024

***GIS Operations Manager, Deer Creek Resources, Chico, California***  
*Salaried, full time, with commission on sales/funded projects.*

Recruitment is open until the position is filled.

Email a cover letter and resume to:

*info@deercreekresources.com - Subject: DCR GIS Manager Position*

## **Background**

Deer Creek Resources is California's leading wildland fire intelligence and pre-fire planning consultancy. We use technology, storytelling, land information, and custom-made maps to help people solve complex land management problems. During wildfire season, our equipment and GIS technicians have supported mapping operations in fire camps for some of the largest wildfires in California history. Along with our parent company, Firestorm, we provide a full suite of wildfire safety services, including the design and implementation of complex vegetation management projects and prescribed fires to protect communities and critical infrastructure.

Whether helping conduct complex firing operations on a wildfire or prioritizing forest thinning projects across a million acres, DCR and Firestorm have decades of experience working at the landscape scale. We understand fire's rightful role in maintaining the ecology of our wildlands, and are fortunate to be part of major projects that are helping people repair their relationship to fire. We are uniquely positioned to make big things happen.

We are hiring a **GIS Operations Manager** to oversee mapping and analysis projects as we grow the wildfire consulting section of Deer Creek Resources. This is a senior leadership position, requiring management experience and high-caliber GIS mapping and remote sensing skillsets. This position will also lead DCR's emergency mapping operations, supervising seasonal wildfire mapping staff, maintaining equipment readiness and deploying our onsite GIS mapping support trailers during wildfires.

## **Responsibilities**

This position reports to DCR's Director. Management tasks will include developing project workscopes, budgets, and proposals, delegating tasks to co-workers, reviewing work products, developing project budgets, tracking hours worked, and preparing invoices. This position will also perform GIS mapping and analysis tasks. A successful candidate will have a deep understanding of GIS and remote sensing, including working with LiDAR point-cloud data, and be able to create map products from offline data, without the use of streaming base maps, if necessary.

This is not a family-friendly job during wildfire season, as you may be called away for extended periods of time with no advanced notice. However, if you want to play travel-roulette, this job can be pretty exciting - for example, you may get a call at 6am that you're headed to Taos, New Mexico or Central Idaho in 4 hours.

This position supervises 3 full-time GIS specialists, including a senior remote sensing/LiDAR analyst, a cartographer/data librarian, and a remote sensing/vegetation mapping developer. During the summer, you may supervise 10-15 call-when-needed wildfire mapping techs. DCR has substantial GIS data resources, having built an extensive project data archive over the past 3 decades. The GIS Manager will work alongside DCR's Planning Manager, and will be supported/onboarded by DCR Founder/Director Zeke Lunder.

Other responsibilities may include:

- Planning aerial photography missions
- Serving on the incident command team of major prescribed fire projects
- Conducting fuels-mapping fieldwork
- Developing wildfire hazard assessment products
- Supervising or performing wildfire behavior modeling
- Mentoring other staff
- Writing scripts and technical documentation
- Preparing and presenting technical reports and presentations
- Undertaking community outreach for wildfire protection plans
- Attending conferences
- Welding, fixing broken vehicles or plotters, carpentry, or towing trailers
- Being an active participant in the wildfire management/mitigation community

## **Qualifications**

The successful candidate will be well-spoken, write and collaborate well, be passionate about mentoring junior staff, and effectively interact with clients and agency representatives in a professional manner. This position is based at DCR's offices in Chico, California, and candidates will be expected to be in the office at least 3 days a week. Frequent overnight travel, mainly within Northern California, is required, especially during wildfire season, when travel may be required on extremely short-notice.

Candidates should have a practical understanding of land management, a proven record of project management, and be motivated to build and grow a high-functioning professional enterprise. Keeping our mobile mapping equipment running is an important part of this position. While you will be supported by drivers and mechanics from Firestorm, troubleshooting, electrical, metal fabrication, carpentry, forklift, towing, and other practical skills are a huge plus.

We place a high value on field experience. Our parent company Firestorm staffs wildland fire hand crews, Type III and VI fire engines, GIS Mapping Support Units, and prescribed burning modules. There are opportunities for the GIS Manager to take wildfire and prescribed fire assignments, maintaining currency or advancing their wildfire qualifications including but not limited to FFT1, FEMO, Single Resource Boss (Engines, Crews, Firing), RXB2, Situation Unit Leader, and Planning Section Chief III.

### **Compensation**

This is a regular, full-time, salaried position. Pay is commensurate with experience, with performance-based bonuses or commissions. Firestorm offers health benefits and a 401k.