



## **Wilderness Fuels Module, Fuels Specialist**

**April - November 2019**

*Start and end dates are subject to change, additional employment opportunities may be available*

### **Introduction**

This is a unique opportunity to collaboratively manage the implementation of wilderness and wildland urban interface fuels reduction activities within Lassen Volcanic National Park (LVNP). Qualified individuals with an interest in active management of forested landscapes for ecosystem resilience, wilderness land management, and/or the use of fire as a tool to promote ecosystem health, are encouraged to apply. In cooperation with the Sierra Institute and LVNP Fire and Resource Management staff, the incumbent will help design and then oversee the implementation of fuels reduction work funded by the Sierra Nevada Conservancy to promote forest health and facilitate future prescribed and/or managed fire activities.

The incumbent will organize and oversee activities carried out by a seven-person wilderness fuels reduction crew including coordination with, and supervision of, a Field Crew Lead. The position will additionally oversee contracted fuels crews implementing roadside fuels reduction activities in coordination with the LVNP Assistant Fire Management Officer. All work will be designed and implemented in accordance with existing National Environmental Policy Act/California Environmental Quality Act compliance documents, including implementation of mitigation features as necessary. The position will be responsible for ensuring that hired and contracted crews are executing work safely, in accordance with established compliance and within project design parameters, while being completed in a timely manner. The Fuels Specialist will also document project progress and outcomes in cooperation with both LVNP and Sierra Institute project management staff. Other tasks and duties may be assigned as appropriate.

### **Responsibilities**

#### Planning

The incumbent will provide professional expertise to plan and implement prescribed fire activities, both within and outside designated wilderness, to enhance, restore, and protect forested ecosystems. All activities will be planned in accordance with existing compliance documents and LVNP Fire and Resource Management staff. Incumbent will work in cooperation with LVNP and Sierra Institute staff on tasks which may include, but are not limited to: timber stand crusing and analysis, participation in cut tree designation, scouting and marking of fire line locations, formulating site-specific restoration treatments within compliance and prescription, contributing to implementation guidelines and contracted work. There are opportunities for planning prescribed fire operations, including the drafting of prescribed fire planning documents in coordination with LVNP fire management staff.

For work conducted within designated wilderness areas, incumbent is expected to uphold the ethics and laws pertaining to wilderness land management, including stipulations specific to prohibited uses of machinery under Section 4(c) of the 1964 Wilderness Act, while working to minimize visual and ecological impacts of human intervention and practicing Leave No Trace principles. Training will be provided to inform decision making in the wilderness in line with the 1964 Wilderness Act and for adherence to minimum visual retention standards in the USFS Scenery Management System.

### Operations and Safety

The incumbent will be expected to conduct site visits to ensure that implementation of fuels management activities meet management objectives, including the creation of conditions conducive to the use of prescribed and/or managed fire to achieve desired conditions. Incumbent's field visits will also ensure that mitigation measures are sufficiently implemented, work is being done within compliance.

The incumbent may serve as a Contracting Officer's Representative on fuel management contracts and may be responsible for the preparation of contract specifications and performance measures.

In all aspects of project implementation, the incumbent will ensure the safety and wellbeing of hired and contracted crews, and will identify training needs necessary to improve same.

## **Qualifications**

### Required

- Annual Fireline Safety Refresher (RT-130);
- Intermediate Wildland Fire Behavior (S-290);
- Introduction to Fire Effects (RX-310);
- Minimum Faller 2 or equivalent (minimum Class B);
- Professional knowledge of mitigation features associated with environmental laws, regulations, and policies (e.g., National Environmental Policy Act, California Environmental Quality Act, Wilderness Act);
- Bachelor's degree from an accredited college or university;
- Current wilderness medical training certification (e.g., WFA, WFR, WEMT);
- A valid driver's license and access to reliable transportation.

### Preferred

- Bachelor's degree majoring in fire ecology or related fire science field of study.
- Completion of National Wildfire Coordinating Group courses including: S-390 (Introduction to Wildland Fire Behavior Calculations), RX-301 (Prescribed Fire Implementation), RX-341 (Prescribed Fire Burn Plan Preparation), and RX-410 (Smoke Management Techniques);
- Experience as Hotshot crew member;
- Use of Bendix-King radios and proficiency in radio use/ procedures;
- Leave No Trace or other backcountry ethics training;
- Interest in, or familiarity with, forested ecosystems of the southern Cascades and Northern Sierra Nevada.

## **Physical Requirements**

The incumbent may be expected to walk 4-8 miles per day with a field pack, ample water, and tools over rough terrain and in variable weather conditions, which will likely include high temperatures in the summer months.

## **Compensation**

Compensation is \$29.00 per hour. Benefits are not available for this position. The incumbent will be required to pass an agency background check in order to access park vehicles.

Necessary safety and project trainings will be provided, including one-week crosscut saw safety and use (falling, limbing, and bucking) along with basic first aid.

## **How to Apply**

Please send your cover letter, resume, and contact information for three references as **one PDF** to [jobs@sierrainstitute.us](mailto:jobs@sierrainstitute.us) with “Wilderness Fuels Module Fuels Specialist” in the subject line. Position is open until filled, review of applications will begin on **February 11, 2019**. Please call (530) 284-1022 with questions.