



## **Wilderness Fuels Module, Crew Member** **April/May - October 2022**

*\*Start and end dates are subject to change.\**

The Sierra Institute for Community and Environment (Sierra Institute), in cooperation with the Lassen National Park (LAVO) is hiring three Wilderness Fuels Module (WFM) crew member to serve as a crew members for a crew performing fuels management in LAVO to promote future prescribed and/or managed fire activities in wilderness areas of the park. The WFM Crew Member, under the direction of a WFM Crew Lead, Sierra Institute support staff, and LAVO specialists, will be responsible for safely falling, bucking, and limbing live and dead trees and constructing fireline using non-mechanized equipment (e.g., crosscut saws, axes, etc.) in undeveloped wilderness areas. Fuels are rearranged, either by piling or lopping and scattering depending upon fuel loading, to facilitate future prescribed fire. The WFM Crew will also be responsible for supervising Sierra Institutes youth corps "P-CREW" for a portion of the season while they assist with the project. The crew may also assist as necessary with other activities to advance landscape restoration in the region.

The WFM Crew Member will advance their knowledge of Sierra Nevada mixed-conifer forest ecosystems, wilderness management, collaborative forest management processes, and crew management and leadership. They will work with project supervisors to implement and adapt silvicultural prescriptions and/or remove fuels based on designated cut trees, depending upon the complexity of the location. The crew members will be expected to recognize tree species, defects, and environmental hazards in executing the prescription and cut tree mark, calling attention to unnecessary risks and flagging hazard trees for future removal using mechanized equipment. The Crew Members will work as a team to meet the project goals as laid out by project partners and under the direction of the Crew Leader. The Crew will receive project-specific training on tree-species identification, crosscut felling, prescription implementation, and wilderness management.

In all work, the crew is expected to uphold the ethics of Wilderness land management, working to minimize the 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.

The majority of project work will occur within the boundary of the recent Dixie Fire (2021) and Crew objectives will support several projects in various stages of implementation. The Dixie Fire burned with mixed severity across much of LAVO and the Crew will experience a diverse and beautiful fire affected landscape while working in the field.

The Crew Members must be organized, open to learning, possess an adaptability to meet and help figure out the multitude of variables that field work implies, and be willing to work hard in a physically demanding role. This position requires hiking while carrying a heavy pack and paint and mitigating known and unforeseen hazards that may include smoke, heat, and strong wind. This crew will utilize a 8-6 work schedule consisting of eight 10-hour days followed by six days off.

This is a unique opportunity to contribute to fuels reduction activities within a designated Wilderness area in a National Park. Those with an interest in Wilderness land management, active management of forested

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landscapes for ecosystem resilience, and/or the use of fire as a tool to promote ecosystem health, are encouraged to apply.

## Qualifications

### Required

- Minimum of one year combined field experience in forest or other natural resource management, this may include but is not limited to biological research, survey work, land conservation, or wildland fire.
- Experience with utilizing non-mechanized equipment (crosscut saws, axes, etc.) to perform fuels reduction.
- Good physical conditioning to work and walk in the forest all day carrying day-packs with equipment during all types of weather.
- An ability to bring adaptability and improvisation, critical thinking skills, creativity, and humor to the workplace.
- Ability to be punctual, diligent, and thorough in their work and support a similarly strong work ethic amongst crew members.
- Ability to perform physically taxing work in all weather conditions in rugged mountainous environments
- Interest in, or familiarity with, principles of Wilderness land management; Possess a valid, clean, state-issued driver's license, with an ability to safely operate a 4WD vehicle
- Full COVID vaccination status (vaccinated and boosted)

### Preferred

- Current wilderness medical training certification (e.g., WFA, WFR, WEMT);
- Leave No Trace or other backcountry ethics training;
- Certification in S-212 (Federal Wildland Chainsaws)
- Familiarity with mixed conifer forests and the ability to identify common tree species in the northern Sierra Nevada and southern Cascades.
- Ability to use compasses, topographic maps, and handheld GPS units or tablets to navigate and collect data in the field.

*Candidates of all backgrounds are encouraged to apply. Skills or experiences that can fill in for desired qualifications may be considered.*

### Physical Requirements

The incumbent will 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. Strenuous and repetitive physical effort will be associated with fuels reduction activities, including the use of a crosscut saw and rearrangement of fuels.

While working, the incumbent will be provided an opportunity to camp for multiple nights in a developed campsite within Lassen Volcanic NP.

### Compensation

Compensation is \$20-22.00 DOE per hour. Health benefits through Sierra Institute are not available for this position but may be obtained through Covered California (<http://www.coveredca.com/>). Field staff will be

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provided monthly sick time, paid holidays, and a set number of paid wildfire mitigation leave. Paid wildfire mitigation leave is intended to mitigate work days impacted by wildfire and smoke.

### **About the Sierra Institute**

The Sierra Institute promotes healthy forests, watersheds, and communities by investing in the well-being of rural communities and strengthening their participation in natural resource management. Our work supports initiatives that simultaneously benefit the environment, economy, and equity within a given landscape. Sierra Institute is located in Taylorsville, CA (population 154), and lies within an area referred to as “Indian Valley” that includes the communities of Greenville and Crescent Mills. Indian Valley offers uniquely rural community events and is surrounded by public lands including Plumas and Lassen National Forests.

### **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 - Crew Member” in the subject line. Please include where you heard about the job in the text of the email (please be as specific as possible). Position is open until filled, applications will be reviewed on a rolling basis. Please call 530.284.1022 or email [jobs@sierrainstitute.us](mailto:jobs@sierrainstitute.us) if you have questions.