



Wilderness Fuels Module, Crew Members

Term: May - October 2023

Start and end dates are subject to change based on weather and site accessibility

Wage Range: \$21 - \$24 per hour commensurate with experience

Benefits: sick leave, holiday leave, wildlife mitigation leave

Training: Crosscut Felling, Wilderness First Aid

Position Overview

The Sierra Institute for Community and Environment (Sierra Institute), in cooperation with the Lassen Volcanic National Park (LAVO) is hiring seven Wilderness Fuels Module (WFM) crew members to serve on an eight person 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 Sierra Institute support staff and LAVO specialists, will be responsible for working as a team in 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 member 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 WFM 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 northern area of the National Park near Manzanita Lake. The project area lies within the heart of the beautiful, rugged, and diverse landscape of northern California's headwaters. A small portion of project work may be within the boundary of the recent Dixie Fire (2021) and Crew objectives will support several projects in various stages of implementation.

Crew Members must be organized, open to learning, possess the ability to motivate and collaborate with fellow crew members, and be willing to work hard in a physically demanding role. 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 landscapes for ecosystem resilience, and/or the use of non-mechanized equipment (crosscut saws) and fire as a tool to promote ecosystem health, are encouraged to apply.



Qualifications

Required

- Minimum of two years' 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;
- Formalized training and/or experience falling trees by mechanized and/or non-mechanized means, and ability to produce relevant certification(s);
- Experience with and interest in utilizing non-mechanized equipment (crosscut saws, axes, etc.) to perform fuels reduction;
- Experience with maintenance of non-mechanized tools and ability to teach others appropriate tool maintenance techniques;
- Ability to perform physically taxing work in all weather conditions in rugged mountainous environments
- Knowledgeable and proficient in backcountry travel;
- An ability to bring adaptability and improvisation, critical thinking skills, creativity, and humor to the workplace;
- Ability to effectively work with diverse teams or with diverse groups of people;
- Ability to be punctual, diligent, and thorough in their work and support a similarly strong work ethic amongst crew members;
- 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

- Familiarity with the use and maintenance of crosscut saw. Field based experience in bucking or felling;
- Familiarity with mixed conifer forests and the ability to identify common tree species in the northern Sierra Nevada and southern Cascades or willingness to learn necessary skills;
- Ability to use compasses, topographic maps, and handheld GPS units or tablets to navigate and collect data in the field;
- 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)

We invite all interested parties to apply including those belonging to

Tribal communities, women, POC, and LGBTQ+ persons.

Skills or experiences that can fill in for qualifications will 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 \$21-24.00 per hour DOE. 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 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 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 if you have questions.