

FLN Networker No. 324: November 10, 2021

The FLN Networker is a publication of the Fire Learning Network—a partnership of the USDA Forest Service, agencies of the Department of the Interior and The Nature Conservancy—intended to foster communication within the network and among its friends. Submit comments, information to share, and subscription requests to Liz Rank.

For more about the FLN, visit www.conservationgateway.org/fln.

News from the Field

Arizona: The **first Flagstaff TRES**, which brought together firefighters from numerous **municipal fire departments**, wrapped up over the weekend. Media were invited to a 72-acre burn on Observatory Mesa near Lowell Observatory—see the (front page) [story](#) in the *Arizona Daily Sun* and [report](#) on ABC15 television. For more, contact **Neil Chapman** (neil.chapman@flagstaffaz.gov) or **Miranda Flora** (miranda.flora@tnc.org).

California: In the [article](#) “For Tribes, ‘Good Fire’ a Key to **Restoring Nature and People**,” a reporter and a photographer from AP News documented **cultural training burns** on the Yurok reservation in early October, and spoke with **Elizabeth Azzuz**, **Margo Robins**, **Bill Tripp** and many others on the social and ecological importance of cultural burning.

California: The **Intertribal Indigenous Stewardship Project** (IISP) is working to collectively address and create equitable funding, policies and learning opportunities to expand Indigenous-led stewardship. It is centered on furthering tribal stewardship in a way that is Indigenous-led and focused on progressing community health and wellbeing, Indigenous traditions and cultural values. IISP recently awarded **nearly \$100,000 to eight tribes and Indigenous-led cultural burning projects** across California. Funding was provided by the State of California’s **Regional Forest and Fire Capacity Program** through a partnership with the **Watershed Center**. The funded projects will help restore prescribed and cultural burning on the land, which benefits both ecosystems and the well-being of Native communities. For more, contact **Mary Adelzadeh** (intertribalfire@thewatershedcenter.com).

California: In the **FireScope Mendocino** landscape, the **Tehama Conservation Fund** recently received a \$15,000 grant from the California Fire Foundation to purchase two **compressed air foam wildland fire suppression tanks**. The addition of these tanks to existing vegetation management equipment—chippers, masticators, chainsaws and weed eaters—will help reduce hazards from an unintentional equipment fire while completing **fuels reduction projects**, such as [TinderSmart Tehama](#) or work on [roadside shaded fuel breaks](#). The tanks will also be available during **prescribed burns planned** for the near future. For more, contact **Seronica Biggs** (sbiggs@tehamacountyrfd.org).

California: And the **Klamath TRES** just wrapped up with the start of the rains, after **six weeks of burning**. More than **150 people** took part in this TRES, completing more than **160 acres of broadcast burning** and **600 acres of pile burning**. For more, check out yesterday’s [story](#) from Jefferson Public Radio.

New Mexico: *New Mexico in Focus* recently interviewed **John Waconda** (john.waconda@tnc.org), **The Nature Conservancy** chapter’s first **Indigenous Partnerships Program Director** about his new role. (The [interview](#) starts about a minute in.)

Oregon: Oregon Public Broadcasting [reported](#) “Ancient **Native American Forest Practices** Demonstrated in Burn Near Eugene,” covering a **training burn** organized by the **Long Tom Watershed Council**, **Ecostudies Institute** and **Oregon Prescribed Fire Council**.

Oregon/Washington: The *Newsy* [video](#) “Experts Are **Preparing Forests for Wildfires** With Purposeful Blazes” visits a couple of Fire Networks sites—one where treatments were tested this year, and another where treatments were in progress: At **Sycan Marsh Preserve** in Oregon, the summer’s **Bootleg Fire dropped to the ground** where The Nature Conservancy and partners have been thinning and burning for 15 years. And near **Roslyn**, Washington, **TREX** participants were conducting **prescribed burns** to protect a community that recently came to understand the magnitude of its risk.

South Carolina: Today’s burn at **Table Rock State Park** in the **Southern Blue Ridge Escarpment** landscape will be the **first fall burn** conducted by the South Carolina Forestry Commission on State Park lands in the mountains. The effort is a culmination of years of relationship-building and learning about fire in the mountains. Partners in the **Southern Blue Ridge FLN** have **about 90,000 acres queued up** for the burn season, weather and other conditions permitting.

Virginia: Partners in the **Heart of the Appalachians landscape** recently completed a process to **update their strategic plan**. The [five-year plan](#) is intended to make annual **work planning more collaborative**; share the partnership’s **vision and strategies** to help create awareness, buy-in, funding and policy opportunities; create **consistent language** with other complementary strategy planning efforts; and help **track progress** in building enabling conditions for sustained fire management. For more, contact Nikole Simmons (nikole.simmons@tnc.org).

Wildfire: In the *New Yorker* [story](#) “**What It’s Like** to Fight a Megafire,” **M. R. O’Connor** gathers some **first-hand accounts**—including her own—of fighting recent big fires. Her fire journey was illuminated by participation in the 2021 **Loup River TREX**, as well as conversations with **Elizabeth Azzuz**, **Jeremy Bailey** and **Zeke Lunder**, among others.

Resources: Learning Networks / Climate Anxiety / Training Needs

Learning Networks: From Australia, there’s a new [scoping paper](#), “Building a Culture of Learning at Scale: Learning Networks for Systems Change.” It can provide a **good introduction (or refresher)** to the topic. “Learning is an **emergent process** with uncontrollable and unpredictable dimensions. A learning network approach is not about a centrally designed or controlled learning agenda. Instead, it is about **providing the ‘scaffolding’** to enable learning networks to self-organise and flourish.”

Climate Anxiety: Where to start? The NPR [piece](#) “Anxiety From Climate Change Isn’t Going Away. Here’s How You Can Manage It” has **some suggestions**.

Training Needs: The **Prescribed Fire Coordination Work Group** of the **Southeast Cohesive Wildland Fire Management Strategy Regional Strategy Committee** conducted a **prescribed fire training needs survey** in January, and has now released the [report](#), as well as a two-page [summary](#). The report covers results about both NWCG and non-NWCG training, and closes with observations and **recommendations** from the work group.

Articles & Reports: Anticipating Surprises / Translational Science / VPD / Ponderosa / Smoke

Anticipating Surprises: The [article](#) “Hazards of Risk: Identifying **Plausible Community Wildfire Disasters** in **Low-Frequency Fire Regimes**” defines surprises as “unforeseen, rare, and highly impactful events.” Using the western parts of Oregon and Washington as an example, the authors argue that “rather than rely[ing] solely on mean-based and integrated metrics, risk communication in low-frequency fire regimes would benefit from **surprise analysis**.”

Translational Science: An international group of authors (including Sarah McCaffrey from the U.S.) propose a **new field of knowledge**, based on an approach developed in medicine in the 1990s, in the [article](#) “**Supporting a Shift in Wildfire Management** From Fighting Fires to Thriving With Fires: The Need for Translational Wildfire Science.” They argue that such an approach can help broach the institutional and cognitive barriers that have hampered a shift away from a suppression-centered fire management system, in spite of widespread recognition of its unsustainability.

VPD: The authors of the [article](#) “Multi-Decadal Change in Western US **Nighttime Vapor Pressure Deficit**” explored patterns in changes in the VPD **over the last few decades**. The work was inspired by the perception by wildland firefighters “that fires are burning longer into the night and increasing in intensity earlier in the morning compared to when many started their careers.”

Ponderosa: The [latest issue](#) of *Science You Can Use* asks “Can ponderosa pine bounce back **after high-severity fire**?”—and then discusses the conditions under which the answer can be “Yes.”

Smoke Impacts: The **EPA** has released the [report](#) “Comparative Assessment of the Impacts of **Prescribed Fire Versus Wildfire**: A Case Study in the Western U.S.,” which was prepared at the request of the Wildland Fire Leadership Council. (See the Webinar listings below for more.)

Smoke Response: The [article](#) “**Psychological Factors and Social Processes** Influencing Wildfire Smoke **Protective Behavior**: Insights From a Case Study in Northern California” was based on interviews with 45 participants from 2018 to 2020 and explore the complexity of decision-making. Highlights are also in a brief *ScienceDaily* [story](#).

In the News: Climate Shadow / Using LANDFIRE / Infrastructure Bill

Climate Shadow: In the [essay](#) “Forget Your Carbon Footprint. Let’s Talk About Your Climate Shadow,” Emma Pattee suggests that we **focus less on our climate footprint** (a concept popularized by BP) and look instead at our **full climate impacts**—the climate shadow we cast—from our consumption, but also our choices and our attention.

Using LANDFIRE: Over the summer, **NPR** put out an interactive [story](#), “United States of Wildfire.” In a follow-up [blog post](#), “Building A **Beautiful And Clear Map** From **Massive, Complex Data**,” a member of the NPR Visuals Team walked through the process he used—with the help of **Randy Swaty** (rswaty@tnc.org)—to create the opening map from LANDFIRE data.

Infrastructure Bill: An [article](#) in *Wildfire Today* calls out the **\$3.3 billion** in **wildland fire-related** items in the bipartisan infrastructure legislation that passed in Congress last week.

Jobs: FLN Manager / Communications / Fire Manager / Certified Burner Program / Rx Operations Specialist / Crew Manager / Cultural Burning

FLN Manager: **The Nature Conservancy** is seeking a **Fire Learning Network manager** to provide project management, support practitioner action, cultivate emerging priorities for the FLN landscape collaboratives, and facilitate cross-network trainings, workshops and professional development opportunities across our portfolio of vibrant peer learning networks. For details, see the Conservancy’s careers page ([job ID #50512](#)); applications are due by **November 19**. Current employees should apply through [PeopleSoft](#).

Communications: **The Nature Conservancy** is seeking an **associate director of communications, North America Fire**. As an embedded member of the **North America Fire Team**, this position will provide comprehensive strategic marketing support and crisis communication guidance as required. For details, see the Conservancy’s careers page ([job ID #50476](#)); current employees should apply through [PeopleSoft](#). Apply by November 18.

Fire Manager: The Florida Chapter and North America Region of **The Nature Conservancy** are seeking a **Florida fire manager/North America fire specialist**. Duties will include conducting fire program and safety reviews across the U.S., reviewing burn plans, assisting in prescribed fire and wildland fire training, and mentoring fire staff. Details are on the Conservancy's careers page ([job ID #50461](#)); applications are due by **November 23**. Current employees should apply through [PeopleSoft](#).

Certified Burner Program: The **Washington DNR Division of Forest Resiliency** is seeking someone with a working knowledge of prescribed fire, who's enthusiastic about working across all-lands, and is comfortable teaching in both the classroom and the field to finalize and manage the buildout of its **Certified Prescribed Burner Manager Program**. This position will also be heavily involved in DNR prescribed fire training and **TREX**. Details are on the state's [careers page](#); applications are due by **November 29**.

Rx Operations Specialist: The **Watershed Research and Training Center** is seeking a **prescribed fire operations specialist** to continue the development and management of its innovative work in cooperative prescribed **fire planning, capacity building and implementation**. Responsibilities will include burn planning, risk management, coordinating training opportunities, working with WRTC's fuels crew on burn unit preparations, leading cooperative burns, and fostering partnerships. Details are in the attached job outreach flyer.

Crew Manager: **The Nature Conservancy** is hiring a **Chattahoochee Fall Line fire management crew manager**, based in west-central **Georgia**. Details are on the Conservancy's careers page ([job ID 50332](#)); current employees should apply through [PeopleSoft](#).

Cultural Burning: The **Amah Mutsun Land Trust** is seeking a **cultural burning / fire program manager**; fieldwork and travel will be required, with potential project sites in San Mateo, Santa Cruz, Monterey, Santa Clara, San Benito and Alameda counties. See the [job announcement](#) for details.

Webinars

Mondays

EarthTalks Series: Fire in the Earth System (through December 6)

1:00 Pacific / 2:00 Mountain / 3:00 Central / 4:00 Eastern

The Earth and Environmental Systems Institute at Penn State is hosting a weekly seminar series covering a wide range of fire-related topics.

Details: <https://www.eesi.psu.edu/seminars-conferences/seminars-conferences-earthtalks-objective-archive/seminars-conferences-fall-8>

November 18 new listing

Fueling Collaboration: Fire and the Carbon Cycle

9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern (1.5 hrs)

This series of interactive panel discussions, hosted by six JFSP consortia and the Northern and Southern Research Stations, is designed to connect fire managers and researchers. Each discussion will be built on questions from the registered attendees.

Details & registration: <https://www.fuelingcollab.com/>

November 18 new listing

Landscape Fuel Treatments and Wildland Fire Management Strategies Within Recent Large Fire Events

noon Pacific / 1:00 Mountain / 2:00 Central / 3:00 Eastern

Susan Prichard, Rebecca Lemons and Nicholas Povak will present findings from a recently completed JFSP-funded study on landscape fuel treatment effectiveness within recent large wildfire events in north-central Washington.

Register: <https://mailchi.mp/309a6c6cc10b/landscape-fuel-treatments-10537884>

- November 30
new listing** **Comparing Air Quality and Public Health Impacts from Prescribed Fire and Wildfire Smoke**
10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern
Jason Sacks will speak about the report recently released by the EPA.
Register:
https://us02web.zoom.us/webinar/register/WN_rScy0zPCS1C2_MLYsRMOdg
- December 6-10** **SCIENCE x Socioeconomic Dimensions of Land Management**
Daily: 11:00 Pacific / noon Mountain / 1:00 Central / 2:00 Eastern
This webinar series from the Forest Service addresses topics including livelihoods, protecting ecosystem services, and urban interfaces. There are three presentations in each day's session.
Details & Zoom link: <https://www.fs.fed.us/research/sciencex-webinars/>
- December 16
new listing** **Fueling Collaboration: Fire and Timber Management in Mixed Woods**
9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern (1.5 hrs)
This series of interactive panel discussions, hosted by six JFSP consortia and the Northern and Southern Research Stations, is designed to connect fire managers and researchers. Each discussion will be built on questions from the registered attendees. Details & registration: <https://www.fuelingcollab.com/>
- January 20, 2022
new listing** **Fueling Collaboration: Smoke Is Not Just Smoke**
9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern (1.5 hrs)
This series of interactive panel discussions, hosted by six JFSP consortia and the Northern and Southern Research Stations, is designed to connect fire managers and researchers. Each discussion will be built on questions from the registered attendees. Details & registration: <https://www.fuelingcollab.com/>
- February 17
new listing** **Fueling Collaboration: Fire & the Wildland Urban Interface in the Eastern U.S.**
9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern (1.5 hrs)
This series of interactive panel discussions, hosted by six JFSP consortia and the Northern and Southern Research Stations, is designed to connect fire managers and researchers. Each discussion will be built on questions from the registered attendees. Details & registration: <https://www.fuelingcollab.com/>
- March 17
new listing** **Fueling Collaboration: Thinking Beyond Fuel Reduction**
9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern (1.5 hrs)
This series of interactive panel discussions, hosted by six JFSP consortia and the Northern and Southern Research Stations, is designed to connect fire managers and researchers. Each discussion will be built on questions from the registered attendees. Details & registration: <https://www.fuelingcollab.com/>
- Prescribed Fire Training Exchanges (TRES) & Cooperative Burning**
- September 20 on** **Cascadia TRES / Roslyn, WA**
This TRES is in progress. You can [sign up for updates](#) from the Washington Prescribed Fire Council.
- Oct. 22–February** **Butte County Cal-TRES / Chico, CA**
In progress—after two training weekends, this TRES will act as an on-call prescribed fire crew.

Trainings, Conferences, Workshops, Etc.

- November 15-16** **Wildland Urban Interface Conference / online**
This event has been moved to fully virtual; registration is free. An in-person conference in Reno is currently scheduled for March 22-24.
Information: <https://www.eventscribe.net/2021/WUI/>
- November 17-18** **Innovations in Forest Operations and Biomass Utilization in the Southwest**
new listing **/ Albuquerque, NM**
Information: <https://eri.nau.edu/wood-utilization-seminar/>
- Nov. 30-Dec. 4** **9th International Fire Ecology and Management Congress / online**
This congress will be fully virtual. The theme is “Life with Fire: Prescriptions for Resilience.” Don Hankins and Lenya Quinn-Davidson are among the keynote speakers.
Information: <http://afefirecongress.org/>
- December 2** **LANDFIRE Informal Office Hours / online**
Monthly office hours at 1:00 pm Eastern.
Register: <https://tnc.zoom.us/meeting/register/tJEtfuCuqjSpHd3pQiLhcBd5292-mHV9cbA9>
- December 6-17** **RX310—Introduction to Fire Effects / online**
This self-paced course is being offered through the University of Idaho. See the [flyer attached to Networker No. 322](#) for details.
- March 7-10, 2022** **Cross-Boundary Landscape Restoration Workshop / Ft. Collins, CO**
Information: <https://sweri.eri.nau.edu/cross-boundary-landscape-restoration-workshop/>
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Send News, Links & Comments

Emily Hohman – emily.hohman@tnc.org – Emily is out November 24-30; in conference sessions December 1-3.

Heather Montanye – hmontanye@tnc.org – Heather is in the office.

Jeremy Bailey – jeremy_bailey@tnc.org – Jeremy is in the office.

Marek Smith – marek_smith@tnc.org – Marek is in conference sessions November 30-December 3.

Mary Huffman – mhuffman@tnc.org – Mary is in workshop sessions November 18-29; in conference sessions November 30-December 3.

Miranda Flora – miranda.flora@tnc.org – Miranda is in the office.

Wendy Fulks – wfulks@tnc.org – Wendy is out November 12; in conference sessions November 30-December 3.

Liz Rank (editor) – lrnk@tnc.org – Liz is out November 18.

Note: November 11, 25 and 26 are Conservancy holidays.

Full Links

News from the Field—AZ—Newspaper: https://azdailysun.com/news/local/fire-officials-from-across-the-west-gather-in-flagstaff-for-prescribed-fire-training/article_4467452c-1aad-5cec-8969-0b4b5ec4d6a4.html#tracking-source=home-top-story
TV: <https://www.abc15.com/news/region-northern-az/flagstaff/more-firefighters-coming-to-arizona-to-train-on-how-to-fight-wildfires>

News from the Field—CA—Cultural burning: <https://apnews.com/article/science-business-forests-california-native-americans-eb2f25b2a932f707d4526bffb6cecf3e>

News from the Field—CA—Tehama County: <https://www.tehamacountyrcd.org/tindersmart-tehama-wildfire-readiness>

News from the Field—Klamath TREX: <https://www.ijpr.org/wildfire/2021-11-09/redefining-fire-students-learn-to-burn-in-a-prescribed-fire-training-program-in-northern-california>

News from the Field—NM: <https://www.facebook.com/nminfocus/videos/203396578536711>

News from the Field—OR: <https://www.opb.org/article/2021/10/19/ancient-native-american-forest-practices-demonstrated-in-burn-near-eugene/>

News from the Field—OR/WA: <https://www.newsly.com/stories/preparing-forests-for-future-wildfires-with-purposeful-fires/>

News from the Field—VA:
<http://www.conservationgateway.org/ConservationPractices/FireLandscapes/FireLearningNetwork/NetworkProducts/Documents/CApps-StrategicPlan-2021-2026-HeartoftheApps.pdf>

News from the Field—Wildfire: <https://www.newyorker.com/magazine/2021/11/15/what-is-it-like-to-fight-a-megafire>

Resources—Learning networks: https://www.orangecompass.com.au/images/Scoping_Paper_Culture_of_Learning.pdf

Resources—Climate anxiety: <https://www.npr.org/2021/10/23/1047753592/anxiety-from-climate-change-isnt-going-away-heres-how-you-can-manage-it>

Resources—Training needs—Report: <https://southernfireexchange.org/wp-content/uploads/SERxFire-TrainingNeeds-FinalReport-LR.pdf>
Summary: <https://southernfireexchange.org/wp-content/uploads/SERxFire-Training-Summary1Pg-LR.pdf>

Articles & Reports—Anticipating surprises: <https://www.mdpi.com/1999-4907/12/7/934/htm>

Articles & Reports—Translational science: https://www.fs.fed.us/rm/pubs_journals/2021/rmrs_2021_tedim_f001.pdf

Articles & Reports—VPD: https://www.fs.fed.us/pnw/pubs/journals/pnw_2021_chiodi001.pdf

Articles & Reports—Ponderosa:
https://www.fs.usda.gov/rmrs/sites/default/files/documents/SYCU_Bulletin_ResilienceTest_PonderosaAfterFire_0.pdf

Articles & Reports—Smoke impacts: <https://cfpub.epa.gov/ncea/risk/recorddisplay.cfm?deid=352824>

Articles & Reports—Smoke response—Article:
<https://www.sciencedirect.com/science/article/pii/S2212096321000802?via%3Dihub>
ScienceDaily brief: <https://www.sciencedaily.com/releases/2021/08/210830152903.htm>

In the News—Climate shadow: <https://www.mic.com/impact/forget-your-carbon-footprint-lets-talk-about-your-climate-shadow>

In the News—Using LANDFIRE—Article: <https://apps.npr.org/us-wildfires-impact-environment-climate-change/>
Blog post: <http://blog.apps.npr.org/2021/10/01/wildfire-map.html>

In the News—Infrastructure bill: <https://wildfiretoday.com/2021/11/06/congress-appropriates-3-3-billion-for-wildland-fire/>

FLN Webinars—Information about upcoming FLN webinars and recordings of previous ones is at:
<http://conservationgateway.org/ConservationPractices/FireLandscapes/FireLearningNetwork/NetworkProducts/Pages/webinars.aspx>

TREX—The latest application information for upcoming TREX is always listed at:
<http://www.conservationgateway.org/ConservationPractices/FireLandscapes/HabitatProtectionandRestoration/Training/TrainingExchanges/Pages/Upcoming-Training-Exchanges.aspx>

The Fire Learning Network is supported by *Promoting Ecosystem Resilience and Fire Adapted Communities Together: Collaborative Engagement, Collective Action and Co-ownership of Fire*, a cooperative agreement between The Nature Conservancy, USDA Forest Service and agencies of the Department of the Interior.

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The Watershed Research and Training Center

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Job Outreach - Prescribed Fire Operations Specialist

Job summary: The Watershed Research and Training Center (WRTC) is seeking a **Prescribed Fire Operations Specialist** to continue the development and management of our innovative work in cooperative prescribed fire planning, capacity building, and implementation in Trinity County, California. Major responsibilities will include burn planning, risk management, coordinating training opportunities, working with WRTC's fuels crew on burn unit preparations, leading cooperative burns, and fostering partnerships. This position will operate under supervision of the Co-Directors of Fire Management.

The successful candidate will be challenged to design and implement cooperative prescribed fire projects that foster resilient ecosystems, optimize local workforce development and landowner benefits, and protect communities from wildfire. Expect opportunities to advance your career, build professional skills and networks, and contribute to important community and conservation outcomes in the world-renowned Klamath Mountains bioregion, across Northern California, and beyond.

Current fire management program activities and responsibilities: At the state level, WRTC serves as a major leader in prescribed fire policy reform, participates actively in the Governor's Forest Management Task Force and Prescribed Fire Workgroup, and leads a cooperative prescribed fire capacity-building initiative known as Cal-TREX. Within Northern California, WRTC serves as the fiscal agent for the Northern California Prescribed Fire Council and sponsors a range of networking, trainings, and workshops. In Northwest California, WRTC is working with local partners on an "all hands/all lands" burn initiative to share resources across the region. At the local level, WRTC fosters, develops, and leads a cooperative prescribed fire program on private lands in Trinity County, California, with over 3,000 acres currently under burn plans. This position will serve in leadership roles at the local level, with some spill-over into the regional and statewide initiatives.

Major duties and responsibilities: The successful candidate will meet with landowners, scout properties, develop burn plans, apply for permits, work with WRTC's fuels crew on burn unit preparations, and coordinate burn implementation during available burn windows. Coordination of burns involves securing applicable permits, arranging for workforce and equipment needs, and leading burn-day logistics with support from the Co-Directors of Fire Management. This position will serve in a leadership role on private land burns that WRTC leads. The position will also be expected to plan cross-boundary burns, and to serve in a supporting role on cooperative burns on federal lands.

The [Trinity Integrated Fire Management Partnership](#) is a Trinity County-wide initiative to expand the use of prescribed fire on both public and private lands through diversified workforce development, strategic burn planning, public engagement, and cooperative burn implementation. Major partners include WRTC, Trinity County Resource Conservation District, US Forest Service, CAL FIRE, several volunteer fire departments, private contractors, and private landowners. The position will be expected to host and lead the Trinity Integrated Fire Management Partnership, and expand into new areas throughout Trinity County. Work is currently focused in and around the Hayfork Valley and Weaver Basin, and there are exciting opportunities for cooperative burning in Mad River, Ruth Lake, Lewiston, Big Bar and Burnt Ranch.

This successful candidate will work with the Co-Directors of Fire Management to establish and maintain an effective and reputable training program, focused on empowering and increasing the skillsets of under-represented prescribed fire practitioners throughout the western United States. The successful candidate will serve as a lead instructor and cadre member for a variety of NWCG courses and live fire training events. The successful candidate will also be responsible for helping with local and non-local [Prescribed Fire Training Exchange \(TREX\) events](#). These TREX events range from classic TREX events (10-14 day events operated as Type III incidents), to short cooperative trainings (1-3 days events), to sustained capacity-building technical support (burn planning, basic training, leadership of small cooperative training burns, prescribed burn association development, etc.).

Required qualifications: The applicant must have a minimum of 5 years wildland and prescribed fire experience, minimally qualified as Firefighter Type 1. Must be physically fit, and able to pass the arduous work capacity test. The applicant must be able to demonstrate leadership experience. Other equivalent experience will be considered, but must be clearly described in the cover letter and resume.

Desired qualifications and skills: The applicant will preferably be qualified at the Single Resource Boss level. If not already qualified, the successful candidate will be put on a developmental track toward becoming a skilled and experienced CARX and/or RXB2 burn boss. Aspiring individuals will be supported in advancing their professional qualifications with funding support for training and individualized personal development. A degree in a relevant natural resources management field would be beneficial.

Other considerations:

- If not already qualified, the position will be supported to become a California State Qualified Burn Boss (CARX).
- This position will be responsible for working with the Co-Directors of Fire Management in fire program evaluation and strategic planning over time to ensure the effectiveness of our investments and to contribute to adaptive management.
- This position will be responsible for contributing to funding proposals to partner agencies and foundations to help secure future funding support for the program and position, with support from the Co-Directors of Fire Management and the Grants Specialist.
- This position will require written reporting in support of grant compliance, and some preparation of popular articles and social media posts in support of public engagement and communications priorities.
- This position will represent WRTC in partner and funder relationships.
- WRTC, and the fire management program, are dedicated to working on the advancement of Diversity, Equity, Inclusion and Justice issues. The successful candidate, with support and training, will be expected to be a leader of culture change.

About the organization: The Watershed Research and Training Center is a national leader in advancing the practice of land stewardship through integrating fire and fuels management, forestry, and community development. WRTC focuses on building local workforce capacity, innovative partnerships, and mobilizing communities to take leadership in the management of their natural resources. Learn more at: www.thewatershedcenter.com. The Watershed Research and Training Center is an Equal Opportunity Employer.

Wages and benefits: This is a full-time, exempt, salaried position. Annual salary ranges from \$54,000 to \$72,800 based upon qualifications and experience. Our benefits package includes health, dental, vision and employer retirement contributions.

To Apply: Send your resume and a cover letter to Miller Bailey at firemanagement@thewatershedcenter.com. For questions, please contact Miller at 619-358-3903.