

FLN Networker No. 345: January 25, 2023

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

Arkansas: More than 50 partners in the **Ozark Ouachita Highlands Collaborative** and **Shortleaf Pine-Bluestem Community** and **Ozark Highlands CFLRP projects** met last week. Partners shared **updates and outlooks** at a sit-down meeting, followed the next day by a **field tour** of the Gulf Mountain WMA chemical treatment and fire have been applied in grasslands and woodlands, and growing season fire in oak and pine-oak woodland. For more, contact **McRee Anderson** (wanderson@tnc.org).

Georgia: **Georgia Blue Ridge Mountains landscape** partners held their **first face-to-face winter workshop in three years**. Gathered at Unicoi State Park in Helen, Georgia, partners shared their 2023 prescribed fire plans and special projects, and received an update on local and regional **FAC Net** efforts. In the afternoon, they traveled to nearby Smithgall Woods State Park to see the results of 2022 prescribed fire operations. One participant, recently arrived from Oregon, stated “I am so impressed at how you’re all working together to accomplish your prescribed fire goals.” For more, contact **Mike Davis** (michael.davis1@usda.gov).

Georgia: The Nature Conservancy’s **Southern Blue Ridge Prescribed Fire Module** begins its **eighth season** this spring. This year’s five-person crew will continue its all-lands approach with SBR FLN partners in the **Georgia Blue Ridge Mountains landscape** and on the **Andrew Pickens Ranger District** in South Carolina. **Since 2016**, these crews have participated in **nearly 57,000 acres** of fuels treatments, and they are a valued asset for FLN partners. For more, contact **Erick Brown** (erick.brown@tnc.org).

New Mexico: The **Forest Stewards Guild** has **opened the public conversation** about **returning prescribed fire to the state**, after last year’s Calf Canyon/Hermit’s Peak Fire was started by a prescribed burn. In stories in the *Albuquerque Journal* and TV station **KOB4**, **Sam Berry** (sam@forestguild.org) and **Eytan Krasilovsky** (eytan@forestguild.org) talked about the **additional precautions** the Guild will take when it begins burning again.

Last week, they got the necessary snow cover and **conducted their first pile burning**, at Glorieta Camps; see the [article and video](#) from the *Albuquerque Journal*.

Canada: There are a couple of **new videos** filmed at last October’s **Canadian Prairies TREX**, the first held in Canada. [One video focuses on the TREX event](#), and [the other](#) highlights the **Canadian Prairies Prescribed Fire Exchange**, an **inter-agency collective**. For more, visit www.grasslandfire.ca.

Funding: AIM / Longleaf

AIM: Coalitions and Collaboratives Inc. is **requesting concept papers** for its **Action, Implementation and Mitigation Program**. Funding is available to nonprofits for a wide variety of capacity-building activities, including personnel, planning efforts and wildfire risk reduction work on non-federal lands. For details, see the [COCO website](#), and sign up for the January 31 informational webinar.

Longleaf: The **Longleaf Landscape Stewardship Fund** is accepting proposals through **February 9**. See the [RFP on the NFWF website](#) for details.

Input Requested: Wildfire Commission / First Aid Curriculum

Wildfire Commission: The federal **Wildland Fire Mitigation and Management Commission** has held its first couple of meetings, and several workgroups have begun discussing several topics. Other workgroups will take up the remainder of the topics over the next few months. Beginning February 1 you can **submit recommendations** [via a web form](#) to the groups working on **science, data and technology** and **public health and infrastructure**. (All topics, and when recommendations will be accepted for each, are also on that page.)

First Aid Curriculum: A public health graduate student from the **University of Colorado** is inviting wildland fire practitioners to take part in a **survey to inform first aid training**. See the attached note for details and to schedule an interview.

Resources: Air Filtration / Burns / Workshops

Air Filtration: The [article](#) “**Efficacy of Do-It-Yourself Air Filtration Units** in Reducing Exposure to Simulated Respiratory Aerosols” looks at aerosols in the context of COVID mitigation, but measured particles in the **0.3–3 µm** range. It **includes specifications** for the DIY units tested.

Burns: The **NWCG** [Emergency Medical Committee](#) has released new **burn protocols**, which **include** a **decision tree** for medical response and **guidelines for medical providers** that are specific to firefighters.

Workshops: **Keegan Fengler** shared **lessons learned** from hosting the 2022 Washington Fire Adapted Communities Learning Network annual workshop in the **FAC Net** [blog post](#) “Designing a FAC Workshop for **Engagement, Connection and Reflection**.”

Articles & Reports: WUI / Thinning Cost / Trauma & Cognition / Non-Forest Fires

WUI: The [article](#) “An Expanded Framework for Wildland–Urban Interfaces and Their Management” looks at WUI as far **more than as an area of wildfire risk**. Rather, it is conceptualized as a **coupled social-ecological system**, that is vertically structured from **bedrock to the tops of vegetation**, with landscape heterogeneity and **complex connections**. Together, these influence **hazards, ecosystem services and conservation**.

Thinning Cost: A research team from the Ecological Restoration Institute (ERI), Rocky Mountain Research Station and Kangwon National University (South Korea) systematically **selected and reviewed 20 thinning studies** published over the from 1980 to 2020 and analyzed key variables affecting **machine productivity and harvesting costs**. Results are in an [article](#) in the *Journal of Forestry*, with highlights captured in an ERI [fact sheet](#).

Trauma & Cognition: The [article](#) “Differences in Interference Processing and Frontal Brain Function With Climate Trauma From California’s Deadliest Wildfire” was based on a sample of 48 people directly or indirectly impacted by the **Camp Fire**. For a summary, see the [news release](#) “Californian **Wildfire Trauma** Associated With **Cognitive Deficits and Altered Brain Activity**.”

Non-Forest Fires: The [article](#) “**Rethinking the Focus on Forest Fires** in Federal Wildland Fire Management: Landscape Patterns and Trends of Non-Forest and Forest Burned Area” explores a variety of patterns and trends in **forested vs. non-forested** lands managed by **different agencies**.

In the News: Wildfire Crisis Strategy

Wildfire Crisis Strategy: The **Forest Service** has identified a **new round of landscape investments** under the **Bipartisan Infrastructure Law**. See the [press release](#) and [fact sheet](#) (including a list and map of all 21 landscapes) for more.

Jobs

FAC Associate: The **Washington Fire Adapted Communities Learning Network (WAFAC)** is seeking a **program associate** to support strategy development and network operations, and facilitate in-person and virtual network connections, training and learning events. See the [position announcement](#) from the **Washington RC&D Council** for details; applications are due by **January 25**.

FMO: The **National Park Service** is seeking a **fire management officer** to lead the fire management program at **Shenandoah National Park**. Details are on usajobs.gov ([control number 699116100](#)); applications are due by **January 25**.

Writer: The **USFS Southern Research Station** is conducting **outreach** for a **science writer** position. See the [announcement](#) for details; completed outreach response forms are due by **January 27**.

Plants & Fisheries: The **Salmon River Restoration Council** is seeking a **plants program manager** and a **fisheries program assistant**. Details on both are on the [SRRC jobs page](#); apply by **January 31**.

Program Managers: The **Hawaii Wildfire Management Organization** is hiring for [two positions](#), a **wildfire mitigation program manager** ([details](#)) and a **wildfire collaborations program manager** ([details](#)). Applications for both positions are being accepted through **February 5**.

Applied Fire Faculty: **Cal Poly Humboldt** is filling a **tenure-track faculty** position in the **Department of Forestry, Fire and Rangeland Management**. For details, see the university's careers page ([job no. 523506](#)); applications are due by **February 5**.

Community Resilience: The **Montana DNR** is hiring two **community wildfire resilience specialists** to manage projects that reduce wildfire risk to communities, and develop and implement strategies to foster fire adapted communities and wildfire resilient landscapes. Details are on the state's job page ([22144201](#)); applications are due by **February 18**.

Collaborative Coordinator: The **Eagle River FPD** is hiring an **Eagle County wildfire collaborative coordinator**. See the [Eagle River Fire employment page](#) for details.

Strategy & Partnerships: The **Washington RC&D Council** is seeking a **strategy and partnership director** to develop strategic initiatives and partnerships to accomplish programmatic goals, including those related to **WAFAC**. See the [position description](#) for details.

Mentor/FFT1: The **Nature Conservancy** in Illinois is hiring a **women in fire coordinator**. See the Conservancy's careers page ([job ID 52726](#)) for details; current employees should apply through [PeopleSoft](#).

Webinars

January 25

LANDFIRE Office Hours: Leveraging LANDFIRE to Understand Ecological Conditions Across National Forests and Grasslands

10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern

Ecologist Sarah Anderson will be the guest for this month's office hour. Her brief presentation will be followed by LANDFIRE Q&A ([register](#)).

- January 31**
new listing **Wildfire and Climate Change Adaptation of Western North American Forests: A Case for Proactive Management**
2:00 Pacific / 3:00 Mountain / 4:00 Central / 5:00 Eastern (1.5 hr)
Susan Prichard, Keala Hagmann and Paul Hessburg Sr. will be the presenters on this webinar from the Southwest Fire Science Consortium ([register](#)).
- February 1**
new listing **Wildlife Friendly Wildfire Risk Reduction**
6:00 Pacific / 7:00 Mountain / 8:00 Central / 9:00 p.m. Eastern
Thomas Stokely will be the presenter in this webinar in the Restoring Oregon's Dry Side Forests series from Oregon State ([register](#)).
- February 7** **How Is Fire Ecology Different Than Classical Ecology?**
11:00 Pacific / noon Mountain / 1:00 Central / 2:00 Eastern
Brice Hanberry will be the presenter in this webinar from the Oak Woodlands & Forests Fire Consortium ([register](#)).
- February 9**
new listing **Understanding Successful Prescribed Fire MOU Agreements**
10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern
Tyler Carney and Shan Cammack will be the presenters in this webinar from the Southern Fire Exchange ([register](#)).
- February 15**
new listing **Prescribed Fire Considerations for Private Lands**
6:00 Pacific / 7:00 Mountain / 8:00 Central / 9:00 p.m. Eastern
John PUNCHES will be the presenter in this webinar in the Restoring Oregon's Dry Side Forests series from Oregon State ([register](#)).
- February 16** **Fueling Collaboration: Prescribed Burning in the Eastern WUI**
8:00 Pacific / 9:00 Mountain / 10:00 Central / 11:00 Eastern (1.5 hr)
The third panel discussion of season 3 of the "Fueling Collaboration" series from eastern JFSP Fire Science Exchanges and USFS Northern and Southern Research Stations will be moderated by David Godwin ([register](#)).
- March 1**
new listing **Post-Fire Restoration on Private Lands**
6:00 Pacific / 7:00 Mountain / 8:00 Central / 9:00 p.m. Eastern
John PUNCHES will be the presenter in this webinar in the Restoring Oregon's Dry Side Forests series from Oregon State ([register](#)).

Network Workshops & Field Tours

- May 23-25**
new listing **Southern Blue Ridge FLN Workshop / Black Mountain, NC**
Save the date for SBR FLN Workshop 17, held in the Central Blue Ridge Escarpment landscape. Contact Jen Lamb (jlamb@tnc.org) if you need to be added to the mailing list.
- October 23-27**
new listing **Fire Learning Network Workshop / Blackfoot Valley, MT**
FLN leads from across the country will meet for this annual workshop.
- Prescribed Fire Training Exchanges (TREX) & Cooperative Burning**
- February 4-10 (est.)** **CFMC Cultural Burn Training Exchange / Weitchpec, CA**
The deadline for this TREX has passed.
- Feb. 20-March 3** **Women-in-Fire Prescribed Fire Training Exchange (WTREX) / Southeastern NC**
The deadline for this TREX has passed.

- Feb. 27-Mar. 10** **Southern Missouri Prescribed Fire Training Exchange / Springfield, MO**
The deadline for this TREX has passed.
- March 20-31** **Women's Training Exchange South Africa (WTREXSA) / Cape Town, SA**
The deadline for this TREX has passed.
- April 9-22**
new listing **Niobrara Valley Preserve Prescribed Fire Training Exchange / Johnstown, NE**
See the [announcement](#) for details; [applications](#) are due by February 15.
- April 24-28**
updated **Loess Hills Cooperative Burn Week / Pisgah, IA**
See the [announcement flyer](#) for details. Registration will be open February 1-March 15.
- April 24-May 5**
new listing **Central Oregon Prescribed Fire Training Exchange / Bend, OR**
See the [announcement](#) for details; [applications](#) are due by February 15.
- May 1-12**
new listing **Women-in-Fire Prescribed Fire Training Exchange Canada (WTREX) / Banff NP**
See the announcement (in [English](#) or [French](#)) for details; [applications](#) are due by February 15.

Trainings, Conferences, Workshops, Etc.

- January 26-27** **Pennsylvania Prescribed Fire Council / State College, PA and online**
See the council's website for the [agenda and registration](#) information.
- March 1-2**
new listing **Washington Prescribed Fire Council Annual Meeting / Ellensburg, WA**
Save the date, and [subscribe to the council's mailing list](#) to receive updates.
- March 20-21**
new listing **Leading The CWPP Process / Fort Collins, CO**
This course from The Ember Alliance and Coalitions & Collaboratives, Inc. is aimed at helping communities and fire departments write, maintain and follow through with CWPPs. See the [TEA website](#) for details.
- March 28-30** **IAFC Wildland-Urban Interface Conference / Reno, NV**
Visit the [conference website](#) for details.
- April 12-13** **Colorado Wildland Fire Conference / Fort Collins, CO**
The conference focus is "Accelerating Adaptation and Managing Expectations." There is also a wildfire mitigation pre-conference workshop April 10-11 and a field tour of the Poudre watershed April 14. See the [conference website](#) for more.
- April 25-28** **Prescribed Fire for Wildlife / Haines City, FL**
Registrations for this course offered by the Florida Chapter of The Wildlife Society and the Florida Fish and Wildlife Conservation Commission are being accepted through March 12, or when filled ([course details](#)).
- May 2-4** **Cross-Boundary Landscape Restoration Workshop / Fort Collins, CO**
Early bird registration for this workshop on "Adapting to a Climate-Altered West" runs through March 1. See the [workshop website](#) for details.
- May 8-11**
new listing **RX-410 Smoke Management / Albany, NY**
See the [save-the-date email](#) for this training sponsored by the Northeastern Forest Fire Protection Commission.
- May 16-18** **Fire in Eastern Oak Forests Conference / Tyler, TX**
See the [conference website](#) for details.

June 22
new listing

North Georgia Prescribed Fire Council Meeting / Jasper, GA
Save the date—and watch the [GPFC website](#) for details.

December 4-8

10th International Fire Ecology and Management Congress / Monterey, CA
Save the date for this [conference](#) hosted by the Association for Fire Ecology.

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Send News, Links & Comments

Autumn Bjugstad – autumn.bjugstad@tnc.org – Autumn is in Chico, CA January 30-February 3.

Emily Hohman – emily.hohman@tnc.org – Emily is in Chico, CA January 30-February 3.

James Miller – james.miller@tnc.org – James is in Chico, CA January 30-February 3; in Arlington, VA February 13-16.

Jeremy Bailey – jeremy_bailey@tnc.org – Jeremy is in Chico, CA January 30-February 3.

Laurel Kays – laurel.kays@tnc.org – Laurel is in Chico, CA January 30-February 3.

Lemaine Peo – lemaine.peo@tnc.org – Lemaine is in Chico, CA January 30-February 3.

Marek Smith – marek_smith@tnc.org – Marek is in a workshop January 25-26.

Mary Huffman – mhuffman@tnc.org – Mary is out January 26-27; in Chico, CA January 30-February 3.

Miranda Flora – miranda.flora@tnc.org – Miranda is in Chico, CA January 30-February 3.

Liz Rank (editor) – lrank@tnc.org – Liz is out Thursdays.

Links

FLN Networker—an archive of back issues is kept at:

<http://www.conservationgateway.org/ConservationPractices/FireLandscapes/FireLearningNetwork/FLNNetworker/Pages/fln-networker.aspx>

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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Message from Matthew Schilz (MPH Student, Colorado School of Public Health):

I am contacting you to participate in a 45-minute interview to hear your experiences as a wildland firefighter. We are conducting a qualitative study to understand how a wildland firefighter first aid training could impact wildland firefighters.

Purpose: To understand what emergency medicine skills could be taught to wildland firefighters to best prepare them for the field.

Logistics: The interviews will be 45 minutes conducted over Zoom or on the phone. The questions are tailored to your experience as a wildland firefighter and general first aid.

Goal: The study will inform a wildland firefighter first aid training and your knowledge will help identify curriculum material to be taught.

To schedule an interview, please follow this [link](#). If you have further questions, please contact Matthew Schilz via matthew.schilz@cuanschutz.edu or 303-818-6170.

Thank you,
Matthew Schilz
MPH Student, Colorado School of Public Health
University of Colorado Anschutz Medical Campus
Pronouns: he/him/his