

# FLN Networker No. 305: October 7, 2020

*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](http://www.conservationgateway.org/fln).

## News from the Field

**California:** **Sasha Berleman** ([sasha.berleman@egret.org](mailto:sasha.berleman@egret.org)), a member of the **TREX Coaches Network**, has been developing a **volunteer fire workforce** for land managed by the Audubon Canyon Ranch and its partners. In what may be a first, these volunteers have been tapped to **assist on the Walbridge Fire**, providing important capacity when the state's resource were strained by multiple wildfires. For more, see the [article](#) "We're Taking Ownership': Corps of Civilians **Tests New Firefighting Model** on Walbridge Fire" in *The Press Democrat*.

**California:** With the unprecedented wildfire season in California, Oregon and Washington, network members and staff are fielding numerous **media requests**. They are helping **put the blazes in context**, and suggesting some **paths forward**. The resulting stories include the *Science Friday* [segment](#) "How **Indigenous Burning Practices** Could Prevent Massive Wildfires" with **Bill Tripp** ([btripp@karuk.us](mailto:btripp@karuk.us)) and **Don Hankins** ([dhankins@csuchico.edu](mailto:dhankins@csuchico.edu)), and **Lenya Quinn-Davidson** ([lquinn-davidson@ucanr.edu](mailto:lquinn-davidson@ucanr.edu)) talking about **prescribed burn associations** for the Grist [story](#) "Meet the DIY Firestarters Trying to Save California From Itself."

**Maryland:** The nature.org [story](#) "Working With Fire" talks about using fire to keep forests and wetlands in Maryland healthy. It highlights a **controlled burn at Sideling Hill Creek Preserve** led by Potomac Highlands landscape lead **Gabe Cahalan** ([gcahalan@tnc.org](mailto:gcahalan@tnc.org)), as well as last fall's **Central Appalachians FLN workshop** hosted by the landscape, and wildfire training in Belize.

**New Mexico:** The **Greater Santa Fe Fireshed Coalition** was able to work with media to demonstrate how **defensible space** and (the sometimes controversial) **fuel treatments helped reduce impacts** from the Medio Fire in the Santa Fe Fireshed landscape. An [AP News story](#) highlighted the value of community mitigation, and an [article](#) in the *Santa Fe Reporter* described how a 2019 prescribed burn helped keep the fire from the Santa Fe Ski Basin.

**Oregon:** A brief history of the convergence of Indigenous fire and the FLN in south-central Oregon can be found in the new [handout](#) "**Growing Relationships With the Klamath Tribes**."

**Washington:** Instead of hosting a normal **Cascadia TREX** this fall, **local training opportunities** will be offered. Organizers will be assessing weather conditions and calling on resources and participants when burn units are in prescription and weather is appropriate for burning and smoke dispersal. Burns are being planned in the **Roslyn Urban Forest** and on adjacent private lands and, depending on weather conditions, may start as soon as tomorrow. Local practitioners interested in participating can contact **Kara Karboski** ([kara@washingtonrcd.org](mailto:kara@washingtonrcd.org)).

**Resources:** [NWCG Standards / Before, During, After / Climate Change / Social Media / Dry Ice](#)

**NWCG Standards:** The NWCG **Standards for Wildland Fire Position Qualifications** ([PMS 310-1](#)), which is now **web-based** (rather than a pdf) has just been updated.

**Before, During, After: FAC Net** recently hosted the [webinar series](#) “Research You Can Use: **Insights from Before, During and After Wildfire.**” The **five presentations** (about a half hour each) covered Boundary-Spanning for Collective Action (Emily Jane Davis and Tony Cheng), Shared Stewardship for Fire (Matthew Thompson and Chris Dunn), Evacuation Decision Making (Sarah McCaffrey), Recovery Through the Lens of Justice (Alessandra Jerollman) and Lessons Learned “After the Flames” (Catrin Edgeley).

**Climate Change:** *ProPublica* has published the [story](#) “New Climate Maps Show a **Transformed United States.**” It includes a number of maps on “**habitability**” shifts across the continental U.S.—including **heat and humidity**, as well as **crop yields**, **sea-level** rise and **large wildfires**. The data can also be searched by county. (Note: if no maps appear in the story when you click the link, try a different browser.)

**Social Media:** The **Washington State Fire Adapted Communities Learning Network**, in partnership with **Tools for Engaging Landowners Effectively** and **The Nature Conservancy**, hosted a three-part **virtual workshop** on effectively **using social media to spur action**. All three sessions—Identifying and Reaching Your Target Audience, Making Your Content Stand Out, and Social Media and Your Communications Strategy—were [recorded](#) and are **now available**.

**Dry Ice:** The **Wildland Fire Lessons Learned Center** has issued a rapid lesson sharing [document](#) about dry ice. Two personnel delivering food packed in coolers with dry ice had a **very close call** with **carbon dioxide outgassing**.

## Articles & Reports: Resource Objective Wildfires / Climate Effects / Forest Structure & Resilience

**Resource Objective Wildfires:** The **Ecological Restoration Institute** has published a [fact sheet](#) summarizing the article “Restoration Applications of Resource Objective Wildfires in Western U.S. Forests: A **Status of Knowledge Review.**” Thirty-seven papers—most fairly recent—were reviewed, and the authors conclude that “resource objective fires can be **generally effective for restoration of frequent-fire forests**, particularly on landscapes with long histories of fire use and in areas of moderate burn severity.”

**Climate Effects:** The [article](#) “Climate Change Effects on Biodiversity, Ecosystems, Ecosystem Services, and Natural Resource Management in the United States” provides a **broad overview** of potential effects of climate change. It briefly outlines mechanisms at **various scales**, as well as **implications for management and human wellbeing**.

**Forest Structure & Resilience:** The [article](#) “Local **Forest Structure Variability Increases Resilience** to Wildfire in Dry Western U.S. Coniferous Forests” is based on 30 years of Landsat and fire perimeter data for the **Sierra Nevada** mountain range in California. The authors “demonstrate a systemwide reciprocal effect suggesting that greater local-scale variability of vegetation structure makes fire-prone, dry forests more resilient to wildfire and may increase the probability of their long-term persistence.”

## Blog: FAC Net

**FAC Net:** If you haven’t checked out the **Fire Adapted Communities Learning Network** [blog](#) for a while, now is a good time to browse. Recent topics range widely, from the Amah Mutsun Land Trust and CAL FIRE **coming together to burn**, to the City of Ashland’s **air purifier pilot project**, to **Bigfoot**. New stories post every Thursday.

## In the News: Fire Photos

**Fire Photos:** In the *ProPublica* [story](#), “What the Photos of Wildfires and Smoke Don’t Show You,” both **photojournalists and fire practitioners** share their perspectives on how **photos shape public perception** of wildfires.

## Jobs: PIO / Land Manager / Burn Crews / Assistant Crew Superintendent / Partnerships Coordinator

**PIO:** The **Montecito Fire Protection District** is seeking a **public information officer**. See the [announcement](#) for details; applications are due by **October 9**.

**Land Manager:** The **University of Florida** is filling a **conservation scientist/forester** position at the **Ordway-Swisher Biological Station**. Details are on the university’s careers site ([job no. 514755](#)); applications are due by **October 20**.

**Burn Crews:** The **Nature Conservancy** is seeking a **manager and crew members** for its **South Carolina prescribed burn crew** and **USFS-TNC interagency burn crew**. Details are on the Conservancy’s careers page (managers: [job ID 49030](#) and [job ID 49032](#); crewmembers: [job ID 49029](#) and [job ID 49031](#)); applications are due by **October 20**. (Current Conservancy employees should apply through PeopleSoft.)

**Assistant Crew Superintendent:** The **Highlands Fire District** near Flagstaff, Arizona, is seeking to fill a supervisory position for its **Bear Jaw Fire and Fuels Crew**. Details are on the [district’s website](#); applications are due by **October 23**.

**Partnerships Coordinator:** The **Longleaf Alliance** is seeking a **coastal partnerships coordinator**, to be based in South Carolina. Details are on the [LLA jobs page](#); applications are due by **October 30**.

## Webinars

**October 12**

### **Inclusivity in Cooperative Extension Programming, With an Emphasis on Natural Resources and Climate Change**

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

Matthew L. Richardson and Elgloria Harrison will be the presenters for this webinar sponsored by USDA NRCS Conservation Webinars.

Details: <http://www.forestrywebinars.net/webinars/inclusivity-in-cooperative-extension-programming-with-an-emphasis-on-natural-resources-and-climate-change/?sr=wp~upcoming>

**October 14  
new listing**

### **Colorado Post-Fire Playbook and Missoula County Emergency Assistance Fund**

10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern (1.25 hours)

Kate Dunlap and Nick Holloway are the presenters on this webinar sponsored by the Southern Rockies Fire Science Network, Missoula County OEM, City of Boulder and Fire Adapted Colorado.

Details: [https://mcusercontent.com/2263fe298f4df255d22b80097/files/d031c152-0c8f-41e0-8088-2000c73ccf41/Playbook\\_Fund\\_Info\\_Sheet.pdf](https://mcusercontent.com/2263fe298f4df255d22b80097/files/d031c152-0c8f-41e0-8088-2000c73ccf41/Playbook_Fund_Info_Sheet.pdf)

Register:

<https://us02web.zoom.us/meeting/register/tZYtceGvqjktH90Qd0Yr1FW5HI3kRCF6qDuB>

**October 14**  
**new listing**

**Wildfire Risk to Communities: New Features & Data**

11:00 Pacific / noon Mountain / 1:00 Central / 2:00 Eastern

Kelly Pohl, Greg Dillon, Frank Fay and Jim Menakis will discuss updates to the Wildfire Risk to Communities [website](#) in this webinar hosted by LANDFIRE, The Nature Conservancy and Headwaters Economics.

Register:

<https://tnc.zoom.us/meeting/register/tJArdO2srjsqGdW6rzP1xOwDinVfbojHTujr>

**October 21**  
**new listing**

**Assessing the Work of Wildfires and Identifying Post-fire Management Needs**

9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern (2 hours)

This two-hour webinar from the Northern Rockies Fire Science Network and the Northwest Fire Science Consortium will cover principles for assessing the structure and functioning of western landscapes, assessing and forecasting post-fire effects, incorporating post fire management options into pre-fire planning, and landscape prescriptions as a framework to guide post-fire management.

Register: <https://register.gotowebinar.com/register/5110089550945746702>

**October 21**  
**new listing**

**LANDFIRE Remap in the Northeastern U.S.**

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

Randy Swaty, Jim Smith and Inga La Puma will review the [LANDFIRE Remap](#) product suite to describe what is new, what has remained the same and how the program responded to feedback from users.

Register:

<https://us02web.zoom.us/meeting/register/tZMucuspzwrHtKECKyJY5Gfx-QxcPfvYqvH>

**November 19**

**Pairing Historical Fire Regimes with Silviculture**

9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern

This is the first in the “Fueling Discussions” series of panel discussions hosted by the USFS Northern Research Station and members of the JFSP Fire Science Exchange Network. There is an opportunity to submit questions for the panel on the registration form.

Details: <https://apfire.wixsite.com/fuelingcollaboration>

**December 17**

**Using Fire Seasonality to Open the Burn Window**

9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern

This is the second in the “Fueling Discussions” series of panel discussions hosted by the USFS Northern Research Station and members of the JFSP Fire Science Exchange Network. There is an opportunity to submit questions for the panel on the registration form.

Details: <https://apfire.wixsite.com/fuelingcollaboration>

**January 21, 2021**

**Fire and Climate Change**

9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern

This is the third in the “Fueling Discussions” series of panel discussions hosted by the USFS Northern Research Station and members of the JFSP Fire Science Exchange Network. There is an opportunity to submit questions for the panel on the registration form.

Details: <https://apfire.wixsite.com/fuelingcollaboration>

February 18

**Timber Management and Prescribed Fire**

9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern

This is the final installment of the “Fueling Discussions” series of panel discussions hosted by the USFS Northern Research Station and members of the JFSP Fire Science Exchange Network. There is an opportunity to submit questions for the panel on the registration form.

Details: <https://apfire.wixsite.com/fuelingcollaboration>

**Prescribed Fire Training Exchanges (TREX)**

TREX coaches and coordinators are **adapting** to local standards and expectations regarding **COVID-safe practices** to offer **numerous cooperative burns** with training opportunities this fall; these events are coordinating local resources and limiting integration of personnel from afar. If you are interested in taking part in a cooperative burn in your area, reach out to **Jeremy Bailey** ([jeremy\\_bailey@tnc.org](mailto:jeremy_bailey@tnc.org)) who may be able to connect you with a burn near you.

**Conferences, Workshops, Training, Etc.**

**October 2-10**  
**new listing**

**Fire in the Pines Festival / online**

This public festival in North Carolina has gone virtual; a variety of events culminate in a day devoted to longleaf and fire on Saturday, October 10.

Information: <https://www.fireinthepines.org/>

**October 13-16**

**Natural Areas Conference / online**

The conference will explore “Sierra to Sagebrush: Integrating Management and Stewardship Across Landscapes.” Lenya Quinn-Davidson is among the plenary speakers.

Information: [https://www.naturalareas.org/reno\\_2020.php](https://www.naturalareas.org/reno_2020.php)

**October 20-21**

**Fire Ecology Across Boundaries: Connecting Science and Management / online**

This two-day webinar series will serve as a prelude to the full conference, which has been postponed until 2021.

Information: <http://fireacrossboundaries.org/>

**October 20-23**

**13th Biennial Longleaf Conference / online**

Information: <https://www.longleafconference.com/>

**October 28**

**The Cohesive Strategy in 2020: Dynamic Adaptation in a Novel World / online**

The 4th National Cohesive Wildland Fire Management Strategy workshop will be held online. Organizers are currently accepting suggestions for topics to be covered.

Register: <https://www.iawfonline.org/event/4th-national-cohesive-wildland-fire-management-strategy-virtual-workshop/>

**November 2-6**

**WUI 2020 / online**

Information: <https://www.iafc.org/events/wui/>

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## Send News, Links & Comments

**Emily Hohman** – [emily.hohman@tnc.org](mailto:emily.hohman@tnc.org) – Emily is in the office.

**Heather Montanye** – [hmontanye@tnc.org](mailto:hmontanye@tnc.org) – Heather is in the office.

**Jeremy Bailey** – [jeremy\\_bailey@tnc.org](mailto:jeremy_bailey@tnc.org) – Jeremy is in the office.

**Marek Smith** – [marek\\_smith@tnc.org](mailto:marek_smith@tnc.org) – Marek is in the office.

**Mary Huffman** – [mhuffman@tnc.org](mailto:mhuffman@tnc.org) – Mary is in the office.

**Wendy Fulks** – [wfulks@tnc.org](mailto:wfulks@tnc.org) – Wendy is out October 23.

**Liz Rank** (editor) – [lrnk@tnc.org](mailto:lrnk@tnc.org) – Liz is out October 8, 15, 22.

Note: October 12 is Indigenous Peoples Day, a Conservancy holiday.

### Full Links

News from the Field—CA—Volunteer crew: <https://www.pressdemocrat.com/article/news/were-taking-ownership-corps-of-civilians-tests-new-firefighting-model-o/>

News from the Field—CA—Science Friday: <https://www.sciencefriday.com/segments/indigenous-fire-prevention/>  
Grist: <https://grist.org/climate/meet-the-diy-firestarters-trying-to-save-california-from-itself/>

News from the Field—MD: <https://www.nature.org/en-us/about-us/where-we-work/united-states/maryland-dc/stories-in-maryland-dc/controlled-burns-working-with-fire/>

News from the Field—NM—AP News: <https://apnews.com/794b0ff45304cab757e1932e0da323c8>  
*Santa Fe Reporter*: <https://www.sfreporter.com/news/2020/08/26/a-closer-look-at-the-medio-fire/>

News from the Field—OR:  
<http://www.conservationgateway.org/ConservationPractices/FireLandscapes/FireLearningNetwork/Documents/FocusOn-IndigenousPartnerships-2020.pdf>

Resources—NWCG standards: <https://www.nwcg.gov/publications/310-1>

Resources—Before, during, after: [https://www.youtube.com/playlist?list=PLJ20k0Am11V\\_R4c6S9TgvoxEmK8OGRbpQ](https://www.youtube.com/playlist?list=PLJ20k0Am11V_R4c6S9TgvoxEmK8OGRbpQ)

Resources—Climate change: <https://projects.propublica.org/climate-migration/>

Resources—Social media: <https://vimeo.com/showcase/7483706>

Resources—Dry ice:  
<https://www.wildfirelessons.net/HigherLogic/System/DownloadDocumentFile.ashx?DocumentFileKey=b1f24bde-fe4b-8ab3-ca5d-df8e850f626e&forceDialog=0>

Articles & Reports—Resource objective wildfires:  
<https://cdm17192.contentdm.oclc.org/digital/collection/p17192coll1/id/1061/rec/2>

Articles & Reports—Climate effects: [https://www.srs.fs.usda.gov/pubs/ja/2020/ja\\_2020\\_vose\\_002.pdf](https://www.srs.fs.usda.gov/pubs/ja/2020/ja_2020_vose_002.pdf)

Articles & Reports—Forest structure & resilience: [https://www.fs.fed.us/psw/publications/north/psw\\_2020\\_north002\\_koontz.pdf](https://www.fs.fed.us/psw/publications/north/psw_2020_north002_koontz.pdf)

Blogs—FAC Net: <https://fireadaptednetwork.org/blog/>

In the News—Fire photos: <https://www.propublica.org/article/what-the-photos-of-wildfires-and-smoke-dont-show-you>

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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