

FLN Networker No. 337: August 10, 2022

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

California: Members of the **Fire Networks** have been engaging with journalists and speaking out to help illuminate our fire management options. These include (with apologies for people and stories I've missed!):

- **Bill Tripp**, "Forests in the American West Need More 'Good Fire.' **Tribes Can Help.**" ([Slate](#))
- **Lenya Quinn-Davidson**, "Imagining a **Balanced Future**" ([Wildfire Magazine](#), based on Lenya's plenary session at the last Association for Fire Ecology conference)
- **Tom Gardali**, "State Can **Fight Fire With Prescribed Fire by Funding Jobs** in the Field" ([CalMatters](#), guest commentary)

Minnesota: **BJ Gotchie** and **Keith Karnes** were among those who talked TEK—**traditional ecological knowledge**—with Minnesota Public Radio for the [story](#) "Once-Ignored Indigenous Knowledge of Nature Now Shaping Science."

Oregon: The [TNC video](#) "Through The Fire: Restoring Forest Resilience" visits **Sycan Marsh**—where fire research has been going on for two decades—**before, during and after the Bootleg Fire**. It tells the story through interviews of staff from TNC, The Klamath Tribes and the U.S. Forest Service.

South Dakota: The **Rapid City Fire Department** shared its progress in last week's [FAC Net blog post](#) "Burn Small, Burn Often: **Introducing Practical Prescribed Fire** Into Your Community." Department staff took part in last fall's Flagstaff TREX—which targeted municipal fire departments—and look forward to hosting a "mini TREX" in the coming year.

Virginia: The **Appalachian Mountains Joint Venture**, a regional habitat and wildlife partnership, featured [The Nature Conservancy's Allegheny Highlands Program](#) in this month's **partner spotlight**. The article includes **links to numerous other stories** about work in the **Heart of the Appalachians FLN** landscape.

Funding: Community Wildfire Protection

Community Wildfire Protection: The USDA has announced its new **Community Wildfire Defense Grant** program, funded by the **Bipartisan Infrastructure Law**. It is designed to **assist at-risk communities**, including tribal communities, non-profit organizations, state forestry agencies and Alaska Native corporations with planning for and mitigating wildfire risks—there are funding opportunities both for **developing or revising a CWPP** and for **implementation of projects** under CWPPs less than 10 years old. See the [press release](#) or [grant page](#) for more.

Resources: PBAs / Rangeland / Drought / Heat / Media Safety

PBAs: Due to the **rapid growth** in the number of prescribed burn associations, the **Great Plains Fire Science Exchange** has added a **new form** to augment (and update) the **national PBA map** hosted on its [website](#). The form allows **new PBAs to register their location** and contact information, and **existing PBAs to update** their information.

Rangeland: The **Great Plains Fire Science Exchange** published a two-page [fact sheet](#) on “**Benefits of Rangeland Burning**” that lays out benefits to **nature**, to **livestock** and to reduce **wildfire** risk.

Drought: Know your drought—the **U.S. Drought Monitor** website now provides **county-level data** on drought. (On [interactive the main map](#), click to drill down to regional, state and county maps and information.)

Heat: [HEAT.gov](#) is the new website of the **National Integrated Heat Health Information System**. It has a wide variety of **tools and links to resources**, from extreme heat maps and climate trackers to information on staying safe in the heat.

Media Safety: The **Committee to Protect Journalists** includes “**Physical Safety: Covering Wildfires**” among the [safety notes](#) on their website. It may be useful to share—as-is or with modifications for local conditions—with members of the media who are interested in covering fire.

Articles & Reports: Fire Scars / Fire Exclusion / Eastern Oaks / Risk Reduction

Fire Scars: The [article](#) “The **North American Tree-Ring Fire-Scar Network**” summarizes more than **37,000 fire-scarred trees** across **2,562 sites** in the network. The paper unpacks the settings where these samples are robust, and thus our understanding is strong, as well as where a factors converge to limit our understanding and drive the need for future work.

Fire Exclusion: The **Ecological Restoration Institute** has published the [working paper](#) “Evidence for Widespread **Changes in the Structure, Composition, and Fire Regimes** of Western North American Forest Landscapes.” The paper summarizes key insights from the series on climate change and western wildfires in *Ecological Applications*.

Eastern Oaks: The **USFS Northern Research Station** has published “**Fire in Eastern Oak Forests—A Primer**,” a [good reference](#) when explaining the fire and oak relationship to the public or others who are new to the concept.

Risk Reduction: The [article](#) “**Modeling the Risk Reduction Benefit of Forest Management** Using a Case Study in the Lake Tahoe Basin” argues for more active forest management, based on economic benefits to property and public health.

In the News: Evacuation Planning

Evacuation Planning: The *Atlantic* [article](#) “The **World Needs to Start Planning** for the Fire Age” talks about the **complexity** of evacuation planning, a science it describes as “**in its infancy**.” An [interview](#) with the author on Marketplace captures the highlights of the article pretty well.

More: Hupa Fire / Reveal Podcast / Natural Hazards Plenary

Hupa Fire: The [video](#) “Hupa Fire: **Traditional and Cultural Fire Management**,” from the Hoopa Fire Department, is a story told by Hupa culture keepers about their relationship to fire.

Reveal Podcast: The September 2021 episode, “**Fighting Fire with Fire**,” which highlights the work of the **Karuk Tribe** and partners to bring cultural and prescribed fire back to Karuk country, was **revised and expanded** and [re-released](#) in June 2022.

Natural Hazards Plenary: Last month, **Daniel Godwin**, **Lenya Quinn-Davidson** and **Brandon Smith** were the panelists for the **Natural Hazards Workshop** session “Reimagining **Caring, Just, and Equitable Futures** in a Fiery World.” A [video recording](#) and [graphic record](#) are available.

Jobs & Fellowships

Prescribed Fire Practitioners: The **Nature Conservancy's North America Fire Team** is hiring **up to 20 full- and part-time prescribed fire practitioners** for assignments across the U.S. between August 2022 and February 2023. Qualifications sought are **FFT2, FFT1, FEMO, SRB and RXB2**. See the [flyer attached to the last Networker](#) for details, including selecting the appropriate job ID for the position(s) you are interested in. The application period closes **August 14**.

Project Manager: The **Southwest Fire Science Consortium** is hiring a **project manager**. Details are on the Northern Arizona University jobs page ([job ID 606507](#)); applications will be reviewed starting **August 15**.

County Forester: The **Deschutes County Natural Resources** is seeking a **county forester**; among the responsibilities is managing the county's fire adapted community strategy. See the [job description](#) for details; applications are due by **August 17**.

Program Coordinator: **Oregon State University Extension** is seeking a **workforce program coordinator** to be part of a team that will design and implement educational programming that seeks to **improve equitable employment for Latino/a/x** forest workers and businesses. Spanish fluency is required. Details are on the university's jobs page ([122790](#)); the closing date is **August 18** (but may close sooner if a sufficient applicant pool is received).

Habitat Specialists: A partnership between the **Georgia DNR** and **Quail Forever** is hiring **three habitat specialists** to implement wildlife habitat management, including prescribed burning. See the [job announcement](#) for details; applications are due by **August 19**.

Fire Fiscal Staff: The **Washington State DNR** is hiring a **fire fiscal analyst** ([job number 2022-5-6985-07388](#)) and a **fiscal technician lead** ([job number 2022-4-3732-06363](#)). Applications for both are due by **August 21**.

Project Manager: The California chapter of **The Nature Conservancy** is seeking a **forest project manager** to help implement several ongoing collaborative forest and watershed restoration projects in the **Sierra Nevada**. Details are on the Conservancy's careers page ([job ID 51941](#)); applications are due by **August 24**. Current employees should apply through [PeopleSoft](#).

Coalition Director: **Rural Voices for Conservation Coalition** is seeking its next **director**. The position description and application will be posted on the [RVCC website](#) beginning August 12, and will remain open until filled, but the initial application review will begin **September 6**.

Research Associate: The **Colorado State University** Department of Forest and Rangeland Stewardship is seeking a **research associate in forest and fire governance**. Details are on the university's jobs page ([posting number 202201209AP](#)); applications are due by **September 6**.

Fire and Fuels: The **Forest Stewards Guild** is seeking a **Southwest fire and fuels project manager**, based in Santa Fe. Details are on the Guild's [jobs page](#).

Impact Fellowships: The **Federation of American Scientists** is recruiting for several **mid- to senior-level** Impact Fellowships throughout the federal government. These include a **policy advisor for wildfire and nature-based services** at the White House Office of Management and Budget ([details](#); closes August 15); the **deputy director of Justice40** ([details](#); closes August 15) and an **environmental justice special assistant** ([details](#); closes August 15), both at the White House Council on Environmental Quality; and a **wildfire resiliency Impact Fellow** with the Office of Wildland Fire at DOI ([details](#)). See the [FAS website](#) for a full list of opportunities.

Webinars

August 16
new listing

Wildfire Impacts on Water Infrastructure

2:00 Pacific / 3:00 Mountain / 4:00 Central / 5:00 Eastern

Erica Fisher will be the presenter on this California Fire Science Consortium webinar.

Register: https://berkeley.zoom.us/webinar/register/WN_SVXqTAbMTaeH-T2W1Zdkgg

August 31

LANDFIRE: Informal Office Hours

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

Office hours are held the last Wednesday of each month. Register:

<https://tnc.zoom.us/meeting/register/tJlocumupzMpEtN63X--Or1r6CJej683Bp5E>

Prescribed Fire Training Exchanges (TRES) & Cooperative Burning

September 19-30

Maine Prescribed Fire Training Exchange

The deadline for this TRES has passed.

Sept. 25-Oct. 1
new listing

Yurok Prescribed Fire Training Exchange (session 1) / Weitchpec, CA

Details: see the [announcement](#); [applications](#) are due by September 2

Sept. 25-Oct. 8

Niobrara Valley Preserve Prescribed Fire Training Exchange / Johnstown, NE

The deadline for this TRES has passed.

Sept. 26-Oct. 7

Women-in-Fire Klamath Prescribed Fire Training Exchange (WTRES-Klamath) / Karuk Ancestral Territory, CA

The deadline for this TRES has passed.

October 2-14
new listing

Northeast Washington Prescribed Fire Training Exchange / Spokane, WA

Details: see the [announcement](#) on the Washington Prescribed Fire Council's website; applications are due by **August 26**

October 3-9
new listing

Yurok Prescribed Fire Training Exchange (session 2) / Weitchpec, CA

Details: see the [announcement](#); [applications](#) are due by September 2

October 10-21
deadline

Klamath Prescribed Fire Training Exchange / northwestern CA

This will be a traditional two-week TRES.

Details: see the [announcement](#); applications are due by **August 19**

Oct. 29-Nov. 12

Andalucía Prescribed Fire Training Exchange / Spain

Junta de Andalucía and The Nature Conservancy are partnering on this training exchange.

Oct. 31-Nov. 13

Flagstaff Prescribed Fire Training Exchange / Flagstaff, AZ

The deadline for this TRES has passed.

Nov. 11-Jan. 15
deadline

North Bay Prescribed Fire Training Exchange / Bay Area, CA

This TRES will take place on weekends across this two-month period.

Details: see the [announcement](#); applications are due by **August 15**

November 12-19
new listing

Santa Barbara Prescribed Fire Training Exchange / Santa Barbara County, CA

This TRES will take place at the TNC Jack and Laura Dangermond Preserve and the UCSB Sedgwick Preserve.

Details: see the [announcement](#); applications are due by **August 21**

Trainings, Conferences, Workshops, Etc.

- August 10-11** **North Carolina Prescribed Fire Council Annual Meeting / Ellerbe, NC**
Information: <https://www.eventbrite.com/e/nc-prescribed-fire-council-annual-meeting-tickets-333008907607>
- August 23-25**
new listing **Great Plains Fire Summit—Patch Burn Grazing Conference / North Platte, NE**
Information: <https://nefirecouncil.org/great-plains-fire-summit>
- September 19-21** **Southeast Climate Adaptation Science Symposium / Gulf Shores, AL**
Information: <https://secasc.ncsu.edu/2022-secasc-science-symposium/>
- October 4-7** **Fire Ecology Across Boundaries: Connecting Science and Management / Florence, Italy & online**
Mary Huffman will be a moderator for a panel on Indigenous and local ecological knowledge.
Information: <https://fireacrossboundaries.org/>
- October 10-14**
new listing **S-290 Intermediate Wildland Fire Behavior / online**
This course, offered by The Fire Roundtable, is a combination of self-paced and interactive work. (Organizers are also seeking experienced practitioners who are willing to be coaches—[sign up](#) if interested.)
Information:
<https://docs.google.com/forms/d/e/1FAIpQLScfHrTYXb2Q41lwMnBUwjAsf7s8tAMy rLThZ4GwdTiiXXr dQ/viewform>
- October 25-28** **14th Biennial Longleaf Conference: Rekindling Our Connections / Wilmington, NC**
Information: <https://www.longleafconference.com/>
- November 12-18**
new listing **Southern Area Engine Academy / Apopka, FL**
Nominations for this offering from the Florida Park Service are due by October 5.
Information: <https://mailchi.mp/e7d6e6419d63/2022-southern-area-engineacademy-november-12-18that-wekiva-springs-state-park-in-apopka-fl>
- November 14-18** **5th National Cohesive Wildland Fire Management Strategy Workshop / Asheville, NC**
Information: <http://cohesivestrategyworkshop.org/>
- December 6-8** **7th Fire in Eastern Oak Forests Conference / online**
Save the date for this workshop co-hosted by the Oak Woodlands & Forests Fire Consortium and Consortium of Appalachian Fire Managers & Scientists.
Information: <https://oakfirescience.com/events/7th-fire-in-eastern-oak-forests-conference/>
- April 11-14, 2023** **Colorado Wildland Fire Conference / Fort Collins, CO**
Proposals for this conference on “Accelerating Adaptation and Managing Expectations” are due by August 31.
Information: <https://www.wildfire-colorado.com/>
- December 4-8, 2023** **10th International Fire Ecology and Management Congress / Monterey, CA**
Save the date for this event hosted by the Association for Fire Ecology.
Information: <https://fireecology.org/calendar-entries/firecongress23>

Send News, Links & Comments

Autumn Bjugstad – autumn.bjugstad@tnc.org – Autumn is in the office.

Emily Hohman – emily.hohman@tnc.org – Emily is in a workshop August 10; out August 25-September 4.

James Miller – james.miller@tnc.org – James is out August 5-12.

Jeremy Bailey – jeremy_bailey@tnc.org – Jeremy is out August 3-14.

Laurel Kays – laurel.kays@tnc.org – Laurel is in Ellerbe, NC August 8-11; out August 17.

Lemaine Peo – lemaine.peo@tnc.org – Lemaine is out August 26-September 2.

Marek Smith – marek_smith@tnc.org – Marek is in DC August 15.

Mary Huffman – mhuffman@tnc.org – Mary is in AZ August 22-26.

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

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

Full Links

News from the Field—CA— Slate: <https://slate.com/technology/2022/07/cultural-burning-california-wildfires-usfs.html>

Wildfire Magazine: <https://www.iawfonline.org/article/prescribed-fire-imagining-a-balanced-future/>

CalMatters: <https://calmatters.org/commentary/2022/07/state-can-fight-fire-with-prescribed-fire-but-first-it-must-fund-training/>

News from the Field—MN: <https://www.mprnews.org/story/2022/07/27/onceignored-indigenous-knowledge-of-nature-now-shaping-science>

News from the Field—OR: <https://www.youtube.com/watch?v=uhVt1pPFMgI>

News from the Field—SD: <https://fireadaptednetwork.org/burn-small-burn-often/>

News from the Field—VA: <https://amjv.org/amjv-partner-spotlight-the-nature-conservancy-alleghany-highlands-program/>

Funding—Community wildfire protection—Press release: <https://www.usda.gov/media/press-releases/2022/07/26/biden-harris-administration-announces-1-billion-community-wildfire>

Grant page: <https://www.fs.usda.gov/managing-land/fire/grants>

Call for Data—LANDFIRE: https://www.landfire.gov/participate_refdata.php

Resources—PBAs: <https://gpfirescience.org/prescribed-burn-associations/>

Resources—Rangeland: <https://gpfirescience.org/wp-content/uploads/2022/07/Benefits-of-rangeland-prescribed-burning-FINAL-July-5-2022.pdf>

Resources—Drought: <https://droughtmonitor.unl.edu/CurrentMap.aspx>

Resources—Heat: <https://www.heat.gov/>

Resources—Media safety: <https://cpj.org/2020/09/physical-safety-covering-wildfires/>

Articles & Reports—Fire scars: <https://esajournals.onlinelibrary.wiley.com/doi/10.1002/ecs2.4159>

Articles & Reports—Fire exclusion: <https://cdm17192.contentdm.oclc.org/digital/api/collection/p17192coll1/id/1134/download>

Articles & Reports—Eastern oaks: https://www.fs.usda.gov/nrs/pubs/inf/nrs_inf_39_22.pdf

Articles & Reports—Risk reduction: <https://ecologyandsociety.org/vol27/iss2/art18/>

In the News—Evacuation planning—Article: <https://www.theatlantic.com/ideas/archive/2022/07/wildfire-evacuation-plans-california-alaska/670969/>

Interview: <https://www.marketplace.org/2022/08/08/as-wildfire-disasters-multiply-evacuation-planning-lags/>

More: Hupa fire: <https://vimeo.com/731080851/6b50c66a10>

More—Reveal podcast: <https://revealnews.org/podcast/fighting-fire-with-fire-2022/>

More—Natural hazards plenary--Video: <https://hazards.colorado.edu/workshop/2022/session/plenary-reimagining-caring-just-and-equitable-futures-in-a-fiery-world?row=32>

Graphic: <https://hazards.colorado.edu/uploads/basicpage/NHW-2022-Plenary-5.jpeg>

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>

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