

FLN Networker No. 313: March 24, 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

California: The **Karuk Tribe** has released the [report](#) “**Good Fire: Current Barriers to the Expansion of Cultural Burning and Prescribed Fire in California and Recommended Solutions.**” An [executive summary](#) is also available.

New Mexico: Last week, New Mexico Governor Michelle Lujan Grisham [signed into law](#) the **Prescribed Burning Act** (formerly HB 57). The Act is intended to increase prescribed burning by creating a **prescribed burner certification program** and clarifying **private landowner liability** for burns. **The Nature Conservancy**, along with partners, played a key role in **conceptualizing this bill** through a working group, and then through its efforts to get the bill passed. Passage was all the more remarkable, as it occurred during a pandemic-limited legislative session, when most bills are not getting to the finish line. For more information, contact **Emily Hohman** (emily.hohman@tnc.org).

New Mexico: Fire Adapted New Mexico got a hand from Captain **Jerry McAdams**, FAC Net member and wildfire mitigation specialist with the **Boise Fire Department**, for a **home ignition zone webinar** they held last week ([recording](#)). The webinar is part of an [interagency campaign](#), “**Wildfire Preparedness is Year-Round.**”

North Carolina: With the help of numerous partners in the **High Country FLN landscape**, the North Carolina Forest Service and North Carolina State Parks were able to complete a couple of important **burns in Stone Mountain State Park**. The burns had been planned for 2020, but were delayed by the pandemic. Earlier this month, the burn boss was able to thread the needle of weather, staffing and park visitor considerations to get that one good window for good fire. “He, and all our agency partners, are big fans of TNC’s [as-needed Southern Blue Ridge fire crew!](#)” according to landscape co-lead **Jonathan Hartsell** (hartselljonathan@gmail.com). For details about how the burns came to be, see the description (attached) by burn boss **Michael Crouse**.

Oregon: Project Wildfire has posted a new [storymap](#), “Deschutes County Firewise Communities.” The [storymap](#) has a bit of **history** and some **lessons learned**, and talks about the importance of community action as well as how communities can receive Firewise USA® recognition.

Participate: Make Your Mark

Make Your Mark: The **Pau Costa Foundation**, based in Spain, has created a “Mapa de Mujeres en Incendios Forestales” (Women in Wildfire) [storymap](#). They **invite women working with wildfire** in any capacity to **put a pin in the map**.

Resources: Carbon Management / Workforce Resilience / Harassment / Evacuation

Carbon Management: A recent [Science You Can Use Bulletin](#) is titled “Need to Manage Management Decisions About Carbon: There Is a **Dashboard** for That.”

Workforce Resilience: The International Association of Wildland Fire (**IAWF**) has run a series of webinars covering topics such as **emotional intelligence**, living with **PTSD**, **mindfulness** and **inclusion**. **Recordings** are available on their [website](#).

Harassment: The nonprofit **Hollaback!** has a variety of **trainings and resources** to help you “respond to, prevent and intervene in instances of harassment.” Their [website](#) is worth a look.

Evacuation: **Good to Go!** is a series of six modules for developing a **personal evacuation plan**. Among the resources in this [program](#) from the Diablo Fire Safe Council (California) is an annotated [sample workbook](#).

Articles & Reports: Smoke / USGS Fire Science / Forest Roads / Disturbance

Smoke: The [article](#) “Wildfire Smoke **Impacts Respiratory Health** More Than Fine Particles From Other Sources: Observational Evidence From Southern California” is based on 14 years of hospital admissions data. (*ScienceDaily* has published a [summary](#) of this article.)

USGS Fire Science: The **U.S. Geological Service** has released its **first wildland fire science strategic plan**, which covers 2021 through 2026. The [plan](#) “emphasizes working with stakeholders to identify, develop and share essential information that supports critical decision-making by fire, resource and emergency managers. These include **threat characterization** and management planning before a fire and providing real-time **satellite and field data** to incident commanders and others during a fire. It also includes **assessing fire’s impacts** on infrastructure, terrain, water supply, ecosystems, species and other vital resources after the smoke clears.”

Forest Roads: The [communication](#) “Forest Roads and Operational Wildfire Response” explores how roads relate to **potential wildland fire operational delineations** (PODs) and **potential control locations** (PCLs), with examples from national forests in Colorado, and the 2020 **Cameron Peak Fire**.

Disturbance: The Forest Service has released the [general technical report](#) “**Disturbance and Sustainability** in Forests of the Western United States.” It addresses disturbances in five categories—fire, drought, insects, disease and abiotic damage agents, and invasive plants.

In the News: Dept. of the Interior

Dept. of the Interior: **Deb Haaland** has been confirmed as the **secretary of the interior**. A member of the Laguna Pueblo, she is the **first Indigenous American** to serve as a U.S. cabinet secretary. Haaland told the [Guardian](#) that as secretary she would “move **climate change** priorities, **tribal consultation** and a **green economic recovery** forward.”

Smoke: The *Washington Post* [article](#) “Smoke From **Wildfires Wiped out the U.S. Pandemic-Related Clean Air Gains** in 2020” details the nationwide impact of wildfires in 2020. The article notes that “in September, 24 of the world’s top 25 most polluted cities were in California and Oregon, the report said. Leading the list was **Happy Camp**, Calif., with a monthly average of 154.4 micrograms per cubic meter.”

For Fun: Volcano

Volcano: A [webcam](#) is **livestreaming an eruption** from Fagradalsfjall, Iceland. At present, no inhabited areas are threatened.

Jobs: Rx Fire Unit Manager / Youth Coordinator / Research Scientist / Indigenous Partnerships

Rx Fire Unit Manager: The **Washington Department of Fish & Wildlife** is seeking a **natural resource specialist 3** to plan, prioritize, coordinate and implement prescribed burn projects for fire-dependent dry forest ecosystems. Details are on the state's careers page ([job number 2021-00458](#)); applications are due by **March 29**.

Youth Coordinator: The **Forest Stewards Guild** is seeking a **Forest Stewards Youth Corps field coordinator** for the summer-fall in New Mexico. See the [job description](#) for details; applications are due by **March 31**.

Research Scientist: The **Ecological Restoration Institute** is seeking applications for a research scientist in **natural resource characterization and modeling** to support landscape-scale forest restoration in the Southwest. Details are on the Northern Arizona University careers site ([search keyword 605271](#)); applications are due by **April 12**.

Indigenous Partnerships: The **Nature Conservancy** is hiring a **New Mexico Indigenous partnerships program director** to develop a comprehensive strategy and design and implement programs, policies and projects. Details are on the Conservancy's careers page ([job ID 49547](#)); applications are due by **April 22**. Current employees should apply through [PeopleSoft](#).

Webinars

recording available **PODs Collaborative Fire Planning Workshop**

Recordings are now available for the February 24-25 workshop hosted by Wildfire Risk Management Science team for fuels planners, FMOs, line officers, management planners, community collaboratives, scientists, state and local fire and fuel managers and consultants.

Information: <https://www.fs.usda.gov/rmrs/groups/wildfire-risk-management-science-team/workshop2021>

**March 24
new listing**

Potential Applications of Prescribed Burn Associations for Family Forest Landowners

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

Nick Biemiller will be the presenter on this Southern Fire Exchange webinar.

Register: https://ufl.zoom.us/webinar/register/WN_wJdkZAcCTHipy1GxpRIOUw

**March 24
new listing**

Air Sensor Performance Targets: Protocols, Metrics, and Target Values for PM2.5 and Ozone

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

This EPA webinar will highlight two reports that outline recommended performance testing protocols, metrics and target values for fine particulate matter in non-regulatory supplemental and informational monitoring applications.

Register: <https://www.eventbrite.com/e/air-sensor-performance-targets-tickets-142569263505>

**March 31
new listing**

The Future of Landscape Conservation: Pathways to a Just and Equitable Future

10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern (1.5 hours)

This panel discussion will be hosted by The Network for Landscape Conservation.

Register: https://us02web.zoom.us/webinar/register/WN_W7LarVxDRwiQoxL2q-x1qQ

April 1
new listing

How to Use Liberating Structures to Revolutionise Your Meetings

7:00 AM Pacific / 8:00 Mountain / 9:00 Central / 10:00 Eastern

This webinar is offered by the UK-based group Apolitical.

Register: <https://apolitical.co/events/how-to-use-liberating-structures-to-revolutionise-your-meetings>

April 1

Building Effective Partnerships With Indigenous Communities

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

James Rattling Leaf, Sr. will be the presenter on this webinar from the Conservation Biology Institute and the Society for Conservation GIS.

Register: https://zoom.us/webinar/register/WN_Tzb0tQ5oTPKK00PVLGe4fA

April 6
new listing

Smoke Webinar Series: Resident HEPA Filter Programs—Community Solutions for Creating Clean Air

10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern (1.5 hours)

This panel-style webinar is hosted by **FAC Net** with the Western Region of the Wildland Fire Leadership Council.

Register:

<https://docs.google.com/forms/d/e/1FAIpQLSdiNRfcy4vh47CsApWMkHgJbhFvb0IADJ5eIXK6aGn6hzOvxQ/viewform?gxids=7628>

April 15
new listing

Forest & Fire Learning Series: Adapting to the Unprecedented

5:00 PM Pacific / 6:00 Mountain / 7:00 Central / 8:00 Eastern

Emily Hohman will speak at this event hosted by the Mountain Studies Institute in Durango, CO. It will be streamed live on YouTube and Facebook

Details: <http://www.mountainstudies.org/events/ffls3>

Network Workshops & Field Tours

May 18 & 20

Southern Blue Ridge FLN / online

Save the date for the (virtual) meeting of this regional network (9:00-11:30 EST). Participants will learn about starting a burn program in a landscape, and about a road map to get more fire on the ground. Established burn programs will also share what has worked well (or not) and discuss firing techniques, smoke and fire effects.

Prescribed Fire Training Exchanges (TRES)

March 21-April 3

Loup River TRES / Central Nebraska

This TRES is currently in progress.

April 12-16
new listing

Cal-TRES Yuba / Nevada County, CA

This training exchange is intended for entry-level fire practitioners in Nevada County and adjacent areas. Significant online pre-work (NWCG basic wildland fire courses) will be required. Application materials will be available soon, and will be posted on the [Upcoming TRES](#) page of the Conservation Gateway.

Oct. 25–Nov. 5

Southern Blue Ridge TRES / North Carolina, South Carolina

Save the date—details will be posted at <https://apfire.wixsite.com/sbretrex>.

Conferences, Workshops, Training, Etc.

January–June

NWCG Trainings / North Coast region, CA

The Karuk Tribe is inviting tribes, interested members of the public, and non-governmental organizations in the North Coast region to participate in a variety of trainings as part of its Regional Forest & Fire Capacity demonstration project, “Burning Across Boundaries.” For details, see the flyer attached to [issue #310](#).

March 25

LANDFIRE Informal Office Hours: "Capable Fuels" and LANDFIRE / online

Office hours take place the last Thursday of each month at 4:00 pm Eastern. A brief presentation is followed by at least 40 minutes for you to dig into your LANDFIRE-related questions. (You can also email meg.dettenmaier@tnc.org with suggestions for upcoming topics.)

Register (same link every month):

<https://tnc.zoom.us/meeting/register/tJEtfuCuqjSpHd3pQiLhcBd5292-mHV9cbA9>

April (dates TBA)

RX310: Introduction to Fire Effects / online

This online course offered by the University of Idaho will include two virtual class meetings, self-study assignments and a final assessment.

Details: [https://mcusercontent.com/cf44b367da9a45b27e51b8b3f/files/beeef994-e5b2-4387-926f-b937d69b1e37/RX310 Announcement U of I.03.pdf](https://mcusercontent.com/cf44b367da9a45b27e51b8b3f/files/beeef994-e5b2-4387-926f-b937d69b1e37/RX310%20Announcement%20U%20of%20I.03.pdf)

April 6-8

Fire in Minnesota Ecosystems: Fire in Boreal Forests / online

Details: <https://mailchi.mp/97bfec9b01df/fire-in-minnesota-ecosystems-workshop-2021-fire-in-boreal-forests?e=a8d4d11e1f>

April 20, April 27
new listing

Oregon Prescribed Fire Council Annual Meeting / online

Parts 1 and 2 are working sessions that will address “Mapping Capacity for Prescribed Fire.”

Information: details and registration links are in the attached flyer

May 1

Wildfire Community Preparedness Day / everywhere

Information: <https://www.nfpa.org/Public-Education/Fire-causes-and-risks/Wildfire/National-Wildfire-Community-Preparedness-Day>

May 17-20
new listing

44th Annual National Intertribal Timber Symposium / online

Information: https://www.itcnet.org/issues_projects/projects_2/symposium.html

May 24-27

16th International Wildland Fire Safety Summit & 6th Human Dimensions of Wildland Fire Conference / online

Information: <https://firesafety-humandimensions2021.com/>

May 24, June 1
new listing

Oregon Prescribed Fire Council Annual Meeting / online

Parts 3 and 4 are working sessions that will address smoke and legislative issues, respectively.

Information: details and registration links are in the attached flyer

June 3

North Georgia Prescribed Fire Council / online

Save the date, and sign up to receive details as they become available.

Information: <http://www.garxfire.com/events.htm>

September 21-23

Colorado Wildland Fire Conference: Resilient Colorado—Moving Forward In Evolving Wildfire Landscapes / Grand Junction, CO

Information: <https://www.wildfire-colorado.com/>

- October 4-8** **4th National Cohesive Wildland Fire Management Strategy Workshop / Asheville, NC**
Information: <https://www.iawfonline.org/event/4th-annual-national-cohesive-wildland-fire-management-strategy-workshop/>
- November 3-7** **Society of American Foresters National Convention / Sacramento, CA**
new listing SAF is soliciting submissions for presentations, seminars, panels and workshops (deadline March 31) and for science flashes and posters (deadline August 31).
Information: <https://eforester.org/safconvention/>
- Nov. 30-Dec. 4** **9th International Fire Ecology and Management Congress / online and Miramar Beach, FL**
updated A [call for proposals](#), for various formats, is open; proposals for special sessions and workshops, trainings and courses are due May 15.
Information: <http://afefirecongress.org/>

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Send News, Links & Comments

- Emily Hohman** – emily.hohman@tnc.org – Emily is in the office.
- Heather Montanye** – hmontanye@tnc.org – Heather is out March 26.
- Jeremy Bailey** – jeremy_bailey@tnc.org – Jeremy is in Weitchpec, CA (tentative) March 27-April 2.
- Marek Smith** – marek_smith@tnc.org – Marek is in the office.
- Mary Huffman** – mhuffman@tnc.org – Mary is in the office.
- Wendy Fulks** – wfulks@tnc.org – Wendy is out March 26-31.
- Liz Rank** (editor) – lrnk@tnc.org – Liz is out March 25, April 1 and 8

Full Links

- News from the Field—CA—Report: https://karuktribeclimatechangeprojects.files.wordpress.com/2021/03/karuk-prescribed-fire-rpt_final-1.pdf
Executive summary: <https://karuktribeclimatechangeprojects.files.wordpress.com/2021/03/karuk-exec-summary-final.pdf>
- News from the Field—NM—Rx bill: <https://www.usnews.com/news/best-states/new-mexico/articles/2021-03-18/new-mexico-governor-signs-prescribed-fire-measure>
- News from the Field—NM—FAC—Recording: <https://www.facebook.com/fireadaptednewmexico/videos/1101797150244740/>
Interagency campaign: <https://facnm.org/wildfire-preparedness>
- News from the Field—NC: <https://tnc.app.box.com/s/o4wg6j8m0re81xcdjw4a1tfru1ct64ew>
- News from the Field—OR: <https://maps.deschutes.org/portal/apps/storymaps/stories/67f69a98802b4d4fabf00ac55c5cb979>
- News from the Field—IPBN:
http://www.conservationgateway.org/ConservationPractices/FireLandscapes/FireLearningNetwork/Documents/FactSheet_IPBN.pdf
- Resources—Carbon management:
https://www.fs.usda.gov/rmrs/sites/default/files/documents/SYCU_Bulletin_CarbonDashboard.pdf
- Resources—Workforce resilience: <https://www.iawfonline.org/events/webinars/>
- Resources—Harassment: <https://www.ihollaback.org/>
- Articles & Reports—Smoke—Article: <https://www.nature.com/articles/s41467-021-21708-0>
Summary: <https://www.sciencedaily.com/releases/2021/03/210305080124.htm>
- Articles & Reports—USGS fire science: <https://pubs.usgs.gov/circ/1471/cir1471.pdf>
- Articles & Reports—Forest roads: https://www.fs.fed.us/rm/pubs_journals/2021/rmrs_2021_thompson_m001.pdf
- Articles & Reports—Disturbance: https://www.fs.fed.us/pnw/pubs/pnw_gtr992.pdf

In the News—Dept. of the Interior: <https://www.theguardian.com/us-news/2021/mar/15/deb-haaland-interior-secretary-first-indigenous-native-american-cabinet>

In the News—Smoke: <https://www.washingtonpost.com/climate-environment/2021/03/17/air-pollution-us-wildfires/>

For Fun—Volcano: <https://www.ruv.is/frett/2021/03/20/live-feed-from-iceland-volcano>

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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