

FLN Networker No. 314: April 14, 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: Participants in the **Plumas Cal-TREX** gathered the last weekend in March for **three days of training and burning**. They have now **shifted to an on-call model** for the remainder of the spring. You can follow them on the [TREX Facebook page](#), and for those not on Facebook, the first posts and photos are [collected here](#).

Georgia: **FAC Net** member **Frank Riley** has received a **Smokey Bear Award** from the National Association of State Foresters. This award is bestowed on “individuals, teams, and organizations that provide **outstanding service** with significant and sustained program impact in the wildfire prevention arena.” See the [NASF press release](#) to read about Frank and the other four awardees.

Nebraska: In spite of **lively weather**—ranging from rain and freezing temperatures to red flag warnings—participants in the **Loup TREX** got in some good training, and got **nearly 3,000 acres** of fire on the ground. For more, see the [TREX Facebook page](#); posts and photos have also been [captured in a pdf](#).

Oregon: The **Ashland Forest Resiliency Stewardship Project** is celebrating 10 years of work with a [storymap tour](#) of the project’s **partners, goals, history and highlights**. Partners in the project “protect old trees, wildlife habitat, homes, trails and our drinking water source by thinning overcrowded forests and reintroducing the long-absent role of mild fire through controlled burns.”

Oregon: In October 2017, The Nature Conservancy hosted a **cross-boundary fire training, education, research, and restoration-related event** for two weeks at **Sycan Marsh Preserve**. The [article](#) “Sharing the Road: Managers and Scientists Transforming Fire Management” covers the agreements, science and logistics of this collaborative project. For more, contact **Craig Bienz** (cbienz@tnc.org) or **Katie Sauerbrey** (katie.sauerbrey@tnc).

IPBN: The **Alabama-Coushatta Tribe of Texas** has recently **joined** the **Indigenous Peoples Burning Network**. For a brief introduction to the tribe—as well as other IPBN members, and the network as a whole—see the **updated fact sheet** posted on the [Conservation Gateway](#). For more about the IPBN, contact **Mary Huffman** (mhuffman@tnc.org).

Funding: Collaborative Conservation

Collaborative Conservation: The **Network for Landscape Conservation** has released a [request for proposals](#) for its Landscape Conservation Catalyst Fund. The Fund makes strategic investments in **strengthening the collaborative capacity** and process of **place-based, community-grounded partnerships**. Proposals are due by **April 23**.

Resources: Fire Shelters / COVID-19 / Color

Fire Shelters: **NWCG** has issued a notice that fire shelter polyvinyl chloride (PVC) **bags may be difficult to open** when exposed to high temperatures. They recommend that fire shelter PVC bags be **retrofitted** according to guidelines issued in the [notice](#).

COVID-19: The **Wildland Fire Lessons Learned Center** recently published a **facilitated learning analysis** covering a COVID-19 **outbreak in an area command team** on the August Complex Fire last fall. Nine of 14 team members—along with some family members—tested positive in this incident. The [report](#) looks at the context in which the outbreak occurred, as well as differences (including in their use of the **module-as-one concept**) between those who tested positive and those who did not.

See also the [storymap](#) reporting on COVID-19 on the **Cameron Peak Fire**—76 positive cases. 273 personnel quarantined, and 2 hospitalizations.

Color: To **clarify or reinforce** your message, **use color well** in maps and graphs. The [post](#) “Which Color Scale to Use When Visualizing Data” is a good introduction.

Articles & Reports: Snagfall / Measuring Mitigation / Spring vs. Fall / Southeast Climate / Forest-Climate Indicators

Snagfall: The [latest issue](#) of the RMRS *Science You Can Use* is “If a Tree Falls in the Forest ... **Snagfall Dynamics** in Western Forests More Than a Decade **After a Severe Beetle Outbreak**.” It reports a longer half-life for snags to stand in high-elevation forests (15-20 years), as compared to low-elevation forests (7.5-10 years).

Measuring Mitigation: The [article](#) “Operationalising **Homeowner Wildfire Risk Mitigation** in Fire-Prone Areas” addresses the **difficulty in drawing broad conclusions** that stems from the many different ways that wildfire risk mitigation is measured.

Spring vs. Fall: The authors of the [article](#) “**Repeated Fall Prescribed Fire** in Previously Thinned *Pinus ponderosa* **Increases Growth and Resistance** to Other Disturbances” based their work on six previously thinned **ponderosa pine** stands in the southern Blue Mountain Ecoregion near Burns, Oregon.

Southeast Climate: The Southern Fire Exchange [fact sheet](#) “**Wildland Fire and Climate Change Impacts in the Southern United States**” summarizes changes in temperatures and precipitation since 1900, and how projected continuing change may affect wildland fire.

Forest-Climate Indicators: The [article](#) “Developing a Set of Indicators to Identify, Monitor and Track Impacts and Change in Forests of the United States” begins a process of defining indicators as part of a sustained assessment effort, the National Climate Assessment. The indicators selected “are based on a **comprehensive conceptual model** which recognizes **forests as a land use, an ecosystem, and an economic sector**.”

Podcast: Fireline

Fireline: This [six-part series](#) from **Montana Public Radio** looks to **reconcile opposing views of fire**: as catastrophe to be feared, and as a natural, essential, beautiful process. Episode topics range from the million-acre August Complex and the Big Burn to Indigenous fire to firefighter burnout.

Jobs: Project Coordinator / Research Associate / Logistics / Partnerships Manager

Project Coordinator: The **Washington Resource Conservation & Development Council** is seeking a **Tapash Sustainable Forest Collaborative and Washington Prescribed Fire Council coordinator**. Details are on the [Work With Us](#) page of the RC&D’s website; applications are due by **April 23**.

Research Associate: **Colorado State University** is seeking a **policy-focused research associate** to work on federal forest and climate policy. Details are on the university's jobs site ([posting 85640](#)); applications are due by **April 25**.

Logistics: **Audubon Canyon Ranch** is seeking a **logistics manager** for its **Fire Forward** program. Details are on the [jobs page](#) of the ACR website, egret.org.

Partnerships Manager: **The Nature Conservancy** is seeking a **forest restoration partnerships manager** to facilitate a growing partnership among the Leech Lake Band of the Ojibwe, Leech Lake Tribal College, Chippewa National Forest and numerous other partners working across north-central and central Minnesota. Details are on the Conservancy's careers page ([job ID 49599](#)); current TNC employees should apply through [PeopleSoft](#).

Webinars

April 15

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>

April 16

new listing

Introduction to the Southeast FireMap

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

SE FireMap uses a remote sensing based approach to track prescribed fire and wildfire activity on public and private lands across the range of the longleaf pine.

Register: https://ufl.zoom.us/webinar/register/WN_LSmlIgrISXmo1faK0iT3qw

April 22

new listing

Prescribed Fire Effects on Water Quality in the Southern Appalachians

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

Kipling Klimas will discuss the impact of prescribed fire on high value forested watersheds in the southern Blue Ridge Mountains in this CAFMS webinar.

Register: https://clemsun.zoom.us/webinar/register/WN_QtrW05V-QdqT1MXIR31kcg/

April 22

new listing

Nature's Firefighters: The Role of Beavers in Wildfire Mitigation & Recovery

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

The Natural Areas Association is hosting this symposium, with an introduction by Lenya Quinn-Davidson. (Note: there is a registration fee.)

Register: https://www.naturalareas.org/naa_earthday.php

April 27

new listing

Bees and Fire: Do They Mix?

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

Clyde Sorenson, Elsa Youngsteadt and Gabriela Garrison are the presenters on this webinar hosted by the North Carolina Pollinator Conservation Alliance.

Register: <https://www.eventbrite.com/e/bees-and-fire-do-they-mix-tickets-149480529287>

May 4

new listing

Restorative Burning: Outcomes from the 2019 Caples Fire

1:00 Pacific / 2:00 Mountain / 3:00 Central / 4:00 Eastern (2 hours)

In this California Fire Science Consortium offering, five panelists will discuss the outcomes of the 2019 Caples Fire, fire effects on legacy trees, fire management take-home messages, volunteer efforts for restoration within the Caples watershed, and avian research within the Caples restoration area.

Register: <https://www.cafiresci.org/events-webinars-source/category/caples2019>

May 19
new listing

Did Your Prescribed Burn Meet Your Goals and Objectives?

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

McRee Anderson, Beth Buchanan, Gabe De Jong and Virginia McDaniel will be the presenters on this webinar about how to develop a first order fire effects monitoring protocol. The protocol was developed by The Nature Conservancy in Arkansas and has been implemented across the state for over 20 years. This rapid assessment tool can be broadly applied to burned areas in the southeastern U.S. to measure the effectiveness of management and restoration projects. Register: <https://docs.google.com/forms/d/1FL3cgdbY8kySPmIXlvdxFhnoO4e3kl7JradICLokMw>

Network Workshops & Field Tours

May 18 & 20
updated

Southern Blue Ridge FLN / online

The [draft agenda](#) is now available; register at <http://www.sbrfln.com/ws15.html>.

Prescribed Fire Training Exchanges (TREX)

April 12-16

Cal-TREX Yuba / Nevada County, CA

This training exchange is in progress.

April 19-May 31
new listing

Northeast Washington TREX (on call during this time as burn units are available)

This TREX is open to people located in northeast Washington who have a current red card or other proof of meeting minimum NWCG wildland firefighting standards. Details: <https://waprescribedfire.org/trex>

Oct. 18–Nov. 1
new listing

Flagstaff TREX / Flagstaff, AZ

See the [announcement](#) for details about this TREX hosted by the Flagstaff Fire Department and Summit Fire and Medical District; applications are due by July 16.

Oct. 25–Nov. 5

Southern Blue Ridge TREX / North Carolina, South Carolina

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

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](#).

April 20, April 27

Oregon Prescribed Fire Council Annual Meeting / online

Parts 1 and 2 will address "Mapping Capacity for Prescribed Fire."

Information: details are in the flyer attached at the end of [FLN Networker #313](#).

April 29
updated

LANDFIRE Informal Office Hours: "Versioning" 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>

- 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 4** **2021 Wildfire Prevention Summit / online**
new listing
The first in a series of summits, this event will focus on roadside and utility infrastructure ignitions in the western United States.
Information: <https://wildfirepreventionsummit.com/>
- May 17-20** **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** **Oregon Prescribed Fire Council Annual Meeting / online**
Parts 3 and 4 will address smoke and legislative issues, respectively.
Information: details are in the flyer attached at the end of [Networker #313](#).
- 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>
- August 18-19** **North Carolina Prescribed Fire Council Annual Meeting / Morganton, NC**
new listing
Save the date for the meeting on August 18 and field tour on August 19.
- September 21-23** **Colorado Wildland Fire Conference: Resilient Colorado—Moving Forward In Evolving Wildfire Landscapes / Grand Junction, CO**
Information: <https://www.wildfire-colorado.com/>
- September 21-23** **Great Plains Fire Summit & Nebraska Prescribed Fire Conference / North Platte, NE**
new listing
Information: <https://www.eventbrite.com/e/great-plains-fire-summit9th-annual-nebraska-prescribed-fire-conference-registration-92767210223>
- 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**
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**
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 North Dakota April 19-23 (tentative).

Heather Montanye – hmontanye@tnc.org – Heather is out April 16, 23.

Jeremy Bailey – jeremy_bailey@tnc.org – Jeremy is in California April 15-18; out April 19-23.

Marek Smith – marek_smith@tnc.org – Marek is in the office.

Mary Huffman – mhuffman@tnc.org – Mary is out April 22.

Wendy Fulks – wfulks@tnc.org – Wendy is out April 22-23.

Liz Rank (editor) – lrnk@tnc.org – Liz is out April 15, 22 and 29.

Full Links

News from the Field—CA—TREX FB: <https://www.facebook.com/TREXprescribedfiretrainingexchange>

Collected posts:

<http://www.conservationgateway.org/ConservationPractices/FireLandscapes/HabitatProtectionandRestoration/Training/TrainingExchanges/Documents/TREX-on-Facebook/TREX-on-Facebook-PlumasTREX-Spring2021.pdf>

News from the Field—GA: <https://www.stateforesters.org/newsroom/smokey-bear-awardees-chosen-for-their-ingenuity-exceptional-dedication-to-wildfire-prevention/>

News from the Field—NE—TREX FB: <https://www.facebook.com/TREXprescribedfiretrainingexchange>

Collected posts:

<http://www.conservationgateway.org/ConservationPractices/FireLandscapes/HabitatProtectionandRestoration/Training/TrainingExchanges/Documents/TREX-on-Facebook/TREX-on-Facebook-LoupRiverTREX-2021.pdf>

News from the Field—OR—Ashland:

<https://storymaps.arcgis.com/stories/68d5632eb1bd45ce87a89580bd1b6ab0?fbclid=IwAR3tJwfdVzxMpmsXKAOImj2nofVSk8Ep6DPie7DuA3HFWA1OorJrhcQVuRY>

News from the Field—OR—Sycan Marsh: https://www.fs.fed.us/rm/pubs_series/rmrs/proc/rmrs_p078/rmrs_p078_009_021.pdf

News from the Field—IPBN: http://www.conservationgateway.org/ConservationPractices/FireLandscapes/FireLearningNetwork/Documents/FactSheet_IPBN.pdf

Funding—Collaborative conservation: <https://landscapeconservation.org/catalyst-fund/>

Resources—FAC Net—Website: <https://fireadaptednetwork.org/>

Blog post: <https://fireadaptednetwork.org/in-our-element-changing-liability-standards/>

Resources—Fire shelters: <https://www.nwcg.gov/sites/default/files/committee/docs/etc-ea-2021-01.pdf>

Resources—COVID-19—August Complex:

<https://www.wildfirelessons.net/HigherLogic/System/DownloadDocumentFile.ashx?DocumentFileKey=8589c20a-3405-a6e4-b19a-de531064c18b&forceDialog=0>

Cameron Peak Fire: https://experience.arcgis.com/experience/0d12d48a842745868c1cef3b7b99cd83/page/page_0/

Resources—Color: <https://blog.datawrapper.de/which-color-scale-to-use-in-data-vis/>

Articles & Reports—Snagfall: https://www.fs.usda.gov/rmrs/sites/default/files/documents/SYCU_in5_lfATreeFalls_Snagfall.pdf

Articles & Reports—Measuring mitigation: <https://www.publish.csiro.au/wf/Fulltext/WF19095>

Articles & Reports—Spring vs. fall: https://www.fs.fed.us/pnw/pubs/journals/pnw_2021_westlind001.pdf

Articles & Reports—Southeast climate: <https://southernfireexchange.org/wp-content/uploads/2021-1.pdf>

Articles & Reports—Forest-climate indicators: <https://www.fs.fed.us/research/publications/misc/101420-2021-anderson.pdf>

Podcast—Fireline: <https://www.mtpr.org/programs/fireline>

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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