

# FLN Networker No. 308: December 9, 2020

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*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:** The **FireScope Mendocino** core team recently hosted a **field tour** to review burn severity and the efficacy of several fuel projects impacted by the August Complex Fire. Read a summary of some of their learning in the [blog post](#) “Post Wildfire Tour to **Review Efficacy of Fuel Projects**.”

**California:** The *ScienceLine* [article](#) “Rethinking **Who Should Set Prescribed Fires**” describes how **tribes and community organizations are ready to step in** to increase our ability to conduct prescribed fire. Among those called out by name are the **Karuk** and **Yurok** tribes, the **Watershed Research and Training Center**, and the **IPBN** and **TREX**.

**Nebraska:** In a really nice conversation, **Ben Wheeler** ([ben.wheeler@nebraska.gov](mailto:ben.wheeler@nebraska.gov)) talks about the **benefits of fire** (and **TREX**) in the [podcast episode](#) “Fire—Why It’s Good for Agriculture & Habitats” from the Ord Area Chamber of Commerce.

**New Mexico:** The **All Hands All Lands Burn Team** has announced the **six-month mobilization** a four-person **pile burn squad** to work on piled fuels in several counties in the northern part of the state. For more, see the [media release](#) from the **Forest Stewards Guild**.

**South Dakota:** The **Rapid City Fire Department** is working with a developer to make sure a new **development is built with wildland fire safety** in mind. Before construction begins, the 120-acre project is being thinned with an eye to both fire safety and aesthetics. Read about the project in the [article](#) “New Rapid City Development Proactive About Fire Safety”; for more, contact **Tim Weaver** ([tim.weaver@rcgov.org](mailto:tim.weaver@rcgov.org)).

## Resources: Outreach Toolkit / Mastication / Liability / Smoke

**Outreach Toolkit:** The **Washington Prescribed Fire Council** has developed **Put Fire to Work**, a **multifaceted toolkit** to guide public engagement in support of prescribed fire. With a blend of advice and sample documents and visuals, the [toolkit](#) is relevant for work in Washington, the Pacific Northwest, and beyond.

**Mastication:** The [November issue](#) of the **Rocky Mountain Research Station Science You Can Use Bulletin** asks “Is Mastication Right for Your Site? **Science-Based Decision Trees** for Forest Managers.” The decision trees address **whether mastication is appropriate** for an application, as well as the **types of machinery suitable** for the scale, location and goals of a project.

**Liability:** The new **Southern Fire Exchange** [fact sheet](#) “Recent Research on Perceived Risks, Legal Liabilities, and Insurance Coverage Associated with Prescribed Burning on Private Lands” **summarizes four recent articles** that examine **landowner perceptions** of legal liabilities, perceived risks, and insurance coverage associated with prescribed burning.

**Smoke:** A **new version** of the NWCG **Smoke Management Guide for Prescribed Fire** is now [available as a pdf](#). (Hard copies will be available beginning in January through the NWCG [catalog](#).) This guide will be the textbook for the RX-410 smoke class that is currently under revision.

## Articles & Reports: Biodiversity / PODs / Quarantine

**Biodiversity:** “More than **4400 terrestrial and freshwater species** from a wide range of taxa and habitats face threats associated with modified fire regimes.” The *Science* [review article](#) “**Fire and Biodiversity in the Anthropocene**” explores the causes and consequences of changes in fire activity—too much, too little, or the wrong kind of fire—and strategies to manage these changes.

**PODs:** An [addendum](#) to the spring 2020 [report](#) “**Pre-Season Planning for Wildland Fire Response: An Assessment of the US Forest Service’s Potential Operational Delineations (PODs)**” has been released. It covers **lessons from the 2019 fire season**.

**Quarantine:** A recent [study](#), “SARS-CoV-2 Transmission Among Marine Recruits During Quarantine,” documented the **spread of the COVID-19 virus** in a group that **quarantined before coming together**, and **followed public health measures** during their quarantine. The University of Minnesota shared a [news release](#) summary of the findings.

## Jobs: Editor / Stewardship Intern / Fellowship / Assistant Preserve Manager / Restoration Technician / AmeriCorps / PhD Climate & Fire

**Editor:** The **International Association of Wildland Fire** is seeking a **Managing Editor** (part-time contract position) to produce their **quarterly magazine**, *Wildfire*. See details in the [position announcement](#); applications are due by **December 14**.

**Stewardship Intern:** The **Nature Conservancy** is seeking a **Virginia Pinelands Dave Tice Science Technician** to assist with habitat and fire management, fire effects monitoring and preserve stewardship, primarily at the Piney Grove Preserve. Details are on the Conservancy’s careers page ([job ID 49172](#)); applications are due by **December 27**. Current Conservancy employees should apply through [PeopleSoft](#).

**Fellowship:** The **Nature Conservancy’s Maryland/DC chapter** is seeking a **NatureNet Fellow** for a **two-year research project** on encouraging **migration of native tidal marsh plants with fire**. Applicants must be in graduate school or a postdoc position as of September 1, 2021. See the [NatureNet site](#) for details about the fellowship program and application instructions. For details about the MD/DC project, see #15 on the [project list](#). Applications are due by **January 1**.

**Assistant Preserve Manager:** The **Nature Conservancy** is seeking an assistant manager for the **Niobrara Valley Preserve in Nebraska**. Details are on the Conservancy’s careers page ([job ID 49479](#)); applications are due by **January 1**. Current employees should apply through [PeopleSoft](#).

**Restoration Technician:** The **Nature Conservancy** is seeking a Restoration Technician to work with partners in the **Heart of the Appalachians FLN landscape** to implement restoration and monitoring of fire-adapted oak- and pine-dominated forests in the **Central Appalachians of Virginia**. Details are on the Conservancy’s careers page ([job ID 49165](#)); current employees should apply through [PeopleSoft](#).

**AmeriCorps:** The **Nature Conservancy** is seeking an **AmeriCorps Stewardship Assistant** to assist in a variety of land stewardship activities (including fire management) in support of its **Virginia Pinelands Program** goals. Details are on the Conservancy’s careers page ([job ID 49171](#)); current Conservancy employees should apply through [PeopleSoft](#).

**PhD Climate & Fire:** The **University of California Merced** is looking to **support a PhD student** to work on the project “Managing Future Risk of **Increasing Simultaneous Megafires**.” Details are on the Climatology Lab’s [website](#).

## Webinars

**December 9**  
**new listing**

### **Where and When Are High Severity Fires More Likely to Occur? Predicting Severe Fire Potential Across the United States With the FIRESEV Project**

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

Greg Dillon will be the presenter for this LANDFIRE webinar.

Details and registration: <https://tnc.zoom.us/meeting/register/tJEsc-6hrz0tEtx3t2EcQ6o2xxVwNPK4XH4C>

**December 10**  
**new listing**

### **Prescribed Burn Associations: Different Models for Different Places**

9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern (1.5 hours)

Nine practitioners involved with PBAs will speak on this webinar hosted by the Western Region of the Wildland Fire Leadership Council, University of California Cooperative Extension, FLN and Coalition of Prescribed Fire Councils.

Details and registration: <http://wildfireinthewest.org/shared-learning-series/>

**December 15**  
**new listing**

### **East Jemez Landscape Futures**

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

Colin Haffey, Sasha Stortz and Savannah Lehnert will discuss the EJLF project's experience and lessons learned responding to the complex questions of post-fire landscapes in this webinar hosted by the Burned Area Learning Network and SW Fire Science Consortium. Details and registration: [https://us02web.zoom.us/meeting/register/tZMtce6rrjstEtB7KXO\\_E2G75mS-ljiMLW2X](https://us02web.zoom.us/meeting/register/tZMtce6rrjstEtB7KXO_E2G75mS-ljiMLW2X)

**December 15**  
**new listing**

### **Chipping Program Best Practices**

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

Jeremy Taylor and RSG! Staff will be the presenters in this webinar from the Ready, Set, Go! program.

Details and registration: [https://www.wildlandfirersg.org/s/iafc2/chipping-program-best-practices-webinar-20Y3m000000bn1GEAQ?language=en\\_US](https://www.wildlandfirersg.org/s/iafc2/chipping-program-best-practices-webinar-20Y3m000000bn1GEAQ?language=en_US)

**December 17**

### **Fire in the Shrub Steppe: Engaging Communities in Fire Adaptation**

9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern (1.5 hours)

One in a series of webinars hosted by the Washington State Fire Adapted Communities Learning Network.

Details and registration: <https://www.fireadaptedwashington.org/learn/>

**December 17**

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

9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern (1.5 hours)

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/seasonality-burn-window>

**January 21, 2021**

### **Fire and Climate Change**

9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern (1.5 hours)

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/fire-and-climate-change>

- February 17**      **Lessons Learned From 12 Years of SBR FLN Fire Response Monitoring**  
 10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern  
 Peter Bates, Adam Coates and Don Hagan will be the presenters on this webinar hosted by the Southern Blue Ridge FLN.  
 Join meeting: <https://tnc.zoom.us/j/92419760724>
- February 18**      **Timber Management and Prescribed Fire**  
 9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern (1.5 hours)  
 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/fire-and-timber-management>

## Prescribed Fire Training Exchanges (TRES)

TRES coaches and coordinators are **adapting** to local standards and expectations regarding **COVID-safe practices** to offer **cooperative burns** with training opportunities; 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.

- December 11**  
**new listing**      **New Mexico Prescribed Burn Council Annual Meeting / online**  
 Details & registration: <https://www.eventbrite.com/e/new-mexico-prescribed-burn-council-annual-meeting-registration-129396956781>
- Feb. 1-Apr. 1, 2021**  
**new listing**      **Mitigation Best Practices / online**  
 This Coalitions and Collaboratives course will use readings, writing, assignments and virtual events to help participants increase mitigation program effectiveness.  
 Details & registration: <https://co-co.org/programs/mitigation-best-practices-training/>
- May 24-27**      **16th International Wildland Fire Safety Summit & 6th Human Dimensions of Wildland Fire Conference / online**  
 Information: <https://firesafety-humandimensions2021.com/>
- October 4-8**  
**new listing**      **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/>

## Send News, Links & Comments

- Emily Hohman** – [emily.hohman@tnc.org](mailto:emily.hohman@tnc.org) – Emily is out December 28-29.  
**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 out December 23-25.  
**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 December 28-January 1.  
**Liz Rank** (editor) – [lrnk@tnc.org](mailto:lrnk@tnc.org) – Liz is out December 10 and 17.

In addition, December 25 is a Conservancy holiday.

## Full Links

News from the Field—CA—FSM: <https://mendocinofirescape.blogspot.com/2020/11/post-wildfire-tour-to-review-efficacy.html>

News from the Field—CA—Rx : <https://scienceline.org/2020/11/rethinking-who-should-set-prescribed-fires/>

News from the Field—NE: <https://chamberconnectionpodcast.buzzsprout.com/1314562/5773048-5-fire-why-it-s-good-for-agriculture-habitats>

News from the Field—NM:

[https://static1.squarespace.com/static/5a54f5a7f09ca43eb4829c08/t/5fb6ae298e02287c8871b400/1605807657852/AHAL\\_FSG\\_2020\\_WinterSeasonal.pdf](https://static1.squarespace.com/static/5a54f5a7f09ca43eb4829c08/t/5fb6ae298e02287c8871b400/1605807657852/AHAL_FSG_2020_WinterSeasonal.pdf)

News from the Field—SD: <https://www.newscenter1.tv/new-rapid-city-development-proactive-about-fire-safety/>

Resources—Outreach toolkit: <https://www.putfiretowork.org/>

Resources—Mastication:

[https://www.fs.usda.gov/rmrs/sites/default/files/documents/SYCU\\_Is\\_Mastication\\_Right\\_for\\_Your\\_Site.pdf](https://www.fs.usda.gov/rmrs/sites/default/files/documents/SYCU_Is_Mastication_Right_for_Your_Site.pdf)

Resources—Liability: <https://southernfireexchange.org/wp-content/uploads/2020-2.pdf>

Resources—Smoke—Pdf: <https://www.nwcg.gov/publications/420-3>

Catalog: <https://www.nwcg.gov/catalogs-ordering-quicklinks>

Articles & Reports—Biodiversity: <https://science.sciencemag.org/content/sci/370/6519/eabb0355.full.pdf>

Articles & Reports—PODs—Addendum: [https://colostate-my.sharepoint.com/personal/caschult\\_colostate\\_edu/\\_layouts/15/onedrive.aspx?id=%2Fpersonal%2Fcaschult%5Fcolostate%5Fedu%2FDocuments%2FFINAL%20PODs%20Report%20Addendum%2Epdf&parent=%2Fpersonal%2Fcaschult%5Fcolostate%5Fedu%2FDocuments&originalPath=aHR0cHM6Ly9jb2xvc3RhdGUtbXkuc2hhcmVwb2ludC5jb20vOml6L2cv](https://colostate-my.sharepoint.com/personal/caschult_colostate_edu/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Fcaschult%5Fcolostate%5Fedu%2FDocuments%2FFINAL%20PODs%20Report%20Addendum%2Epdf&parent=%2Fpersonal%2Fcaschult%5Fcolostate%5Fedu%2FDocuments&originalPath=aHR0cHM6Ly9jb2xvc3RhdGUtbXkuc2hhcmVwb2ludC5jb20vOml6L2cv)

[cGVyc29uYWwvY2FzY2h1bHRfY29sb3N0YXRlX2VkdS9FWWRvbk9CdW54cEJ1VTZrdzBlleMyc0JxVW1zbk0JtRTA2aHR0SUI0LVVwT3R3P3J0aW1lPjVFIWlp1OUdhMkVn](https://colostate-my.sharepoint.com/personal/caschult_colostate_edu/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Fcaschult%5Fcolostate%5Fedu%2FDocuments%2FFINAL%20PODs%20Report%20Addendum%2Epdf&parent=%2Fpersonal%2Fcaschult%5Fcolostate%5Fedu%2FDocuments&originalPath=aHR0cHM6Ly9jb2xvc3RhdGUtbXkuc2hhcmVwb2ludC5jb20vOml6L2cv)

Spring 2020 report: [https://colostate-my.sharepoint.com/personal/caschult\\_colostate\\_edu/\\_layouts/15/onedrive.aspx?id=%2Fpersonal%2Fcaschult%5Fcolostate%5Fedu%2FDocuments%2FFINAL%20PODs%20Report%20final%2Epdf&parent=%2Fpersonal%2Fcaschult%5Fcolostate%5Fedu%2FDocuments&originalPath=aHR0cHM6Ly9jb2xvc3RhdGUtbXkuc2hhcmVwb2ludC5jb20vOml6L2cv](https://colostate-my.sharepoint.com/personal/caschult_colostate_edu/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Fcaschult%5Fcolostate%5Fedu%2FDocuments%2FFINAL%20PODs%20Report%20final%2Epdf&parent=%2Fpersonal%2Fcaschult%5Fcolostate%5Fedu%2FDocuments&originalPath=aHR0cHM6Ly9jb2xvc3RhdGUtbXkuc2hhcmVwb2ludC5jb20vOml6L2cv)

[cGVyc29uYWwvY2FzY2h1bHRfY29sb3N0YXRlX2VkdS9FYTVaVE83NkM5TkZtMldmTTThaLUpXSUJUNE9mUy04dEEySDB2UHJnckgxR1VnP3J0aW1lPjVFIWlp1OUdhMkVn](https://colostate-my.sharepoint.com/personal/caschult_colostate_edu/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Fcaschult%5Fcolostate%5Fedu%2FDocuments%2FFINAL%20PODs%20Report%20final%2Epdf&parent=%2Fpersonal%2Fcaschult%5Fcolostate%5Fedu%2FDocuments&originalPath=aHR0cHM6Ly9jb2xvc3RhdGUtbXkuc2hhcmVwb2ludC5jb20vOml6L2cv)

Articles & Reports—Quarantine—Article: <https://www.nejm.org/doi/full/10.1056/NEJMoa2029717>

News release: <https://www.cidrap.umn.edu/news-perspective/2020/11/covid-spread-among-marine-recruits-despite-quarantine>

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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