

# FLN Networker No. 287: September 18, 2019

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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) or contact Marek Smith.

## News from the Field

**California:** **Bill Tripp** ([btripp@karuk.us](mailto:btripp@karuk.us)) and **Kari Norgaard** were on Jefferson Public Radio last week for the [interview](#) “**Karuk Tribe Unveils Climate Adaptation Plan.**”

**California:** **Elizabeth Azzuz** was a **panelist at screenings** of the [film](#) “**Wilder Than Wild: Fire, Forests and the Future**” in [San Rafael](#) and Vallejo last week. These screenings were part of a broad **outreach** effort that the filmmakers are encouraging (for example with the [take action](#) page on the film’s website).

**California:** In the **FireScape Mendocino** landscape last week, fire and conservation leads from the **Round Valley Indian Tribes** and other members of the **Covelo FireScape Subgroup** toured **potential prescribed fire projects** along Etsel Ridge on the **Mendocino National Forest**, with conversations centering on how to best **incorporate tribal knowledge** to successfully achieve multiple project goals. For more, check out their latest [blog post](#) or contact **Don Amador** ([damador@cwo.com](mailto:damador@cwo.com)).

**Colorado:** The **San Juan TRES** is currently underway across the **San Juan National Forest**. Both papers in Pagosa Springs ran the [outreach](#) piece TRES organizers provided, which gives a good **overview of the event**. With assistance from the TRES team and others, including the Blue Ridge and Tatanka hotshots, the **San Juan NF completed 7,175 acres** of prescribed over the course of a week; the TRES team also assisted the Bureau of Land Management on 600 acres of burning. Check out the [TRES Facebook page](#) for updates and photos.

**New Mexico:** Last weekend, several members of the [Greater Santa Fe Fireshed Coalition](#)—the **City of Santa Fe Fire Department** and **Water Division, Forest Stewards Guild, Pueblo of Tesuque** and **Santa Fe National Forest**—hosted a **public tour** of the site of a [May prescribed burn](#). The 500-acre **Pacheco Canyon burn** was a **first-entry treatment** within the 2,400-acre [Pacheco Canyon Forest Resilience Project](#). Rather than a formal presentation, the format of the tour was about giving people an **opportunity to walk and talk with those who implemented the burn**, including the burn boss, fire management officer and others. The 21 people participating in the tour had a **wide range of interests** and questions, from “How exactly do you burn?” to specific queries about the ignition techniques used, soil effects from the burn treatment and the monitoring plan for soils, the residual number of trees in the treatment area, post-burn vegetation response, and air quality monitoring results during burn activity.” For more, contact **Porfirio Chavarria** ([pchavarria@santafenm.gov](mailto:pchavarria@santafenm.gov)).

**North Carolina:** About **35 partners** in the **Central Escarpment** landscape met last month at Lake James State Park where they shared updates on recent work, and looked ahead to projects ranging from FAC work days to the coming burn season. They also shared a couple of big **2020 save-the-dates**, for the **Southern Blue Ridge FLN regional workshop** (May 19-21) and the next **SBR TRES** (October 26-November 6). For more, contact **Adam Warwick** ([awarwick@tnc.org](mailto:awarwick@tnc.org)).

**Virginia:** FLN partners in the **Heart of the Appalachians** landscape conducted a **long-awaited late growing season burn** on the George Washington NF in an area known for its Special Biological Areas and shortleaf pine. Managers experimented with tactics in response to atypical conditions and

**documented fire behavior and lessons learned** for burning outside the usual burn window. Burning late in the growing season was chosen to reduce high duff layers in the pines, thin overstory trees and reduce high shrub densities to create good conditions for shortleaf pine regeneration. Managers were pleased with the immediate results and are eager to observe changes over the next year. For more, contact **Butch Shaw** ([ldshaw@fs.fed.us](mailto:ldshaw@fs.fed.us)).

**Central Appalachians:** More than 80 partners gathered in western Maryland last week for the **annual regional workshop** of the **Central Appalachians FLN**. After a keynote on fire history research, presentations on communications and social perceptions allowed participants to consider how to **intersect social science with fire science** to best build trust and public support for fire management. Later, three state perspectives on burn operations and objectives across three agencies gave way to discussions in monitoring for successes specific to desired outcomes. On the second day, participants travelled to Savage River State Forest, where keynote speaker Marc Abrams took a 400-year look at **fire and oaks history**, and a stop at Dans Mountain WMA allowed for more discussion on operations and **bringing fire back to the mountains**. For more, contact **Laurel Schablein** ([lschablein@tnc.org](mailto:lschablein@tnc.org)).

## Feedback Requested: NWCG Position Descriptions

**NWCG Position Descriptions:** Several new incident position descriptions are **available for review** during an initial **comment period**; these include firing boss ([FIRB](#)) and prescribed fire burn boss positions ([RXB1](#), [RXB2](#)).

## Resources: Emergency Management & Resilience / FAC Tips / Go-No Go Form

**Emergency Management & Resilience:** Public Safety Canada recently released an “**Emergency Management Strategy** for Canada: Toward a Resilient 2030” [guide](#). Of particular interest may be the section “What Do Resilient Communities Look Like?” which notes two important **aspects of resilience**, first that it refers to “the **dynamic quality of a system**, the whole system, rather than the sum of its individual parts. Second, resilience is a **strengths-based** construct...”

**FAC Tips:** In a recent [post](#), Fire Adapted New Mexico shares some good suggestions for improving the **fire-readiness** of a neighborhood, house and yard—and encourages readers to use the tips to **start a conversation** with friends and neighbors. (They even provide snack suggestions.)

**Go-No Go Form:** If you are documenting aspects of burns using a tablets or smartphone, the **electronic version** a [go/no go list](#) in the TNC fire manual may be useful. You can fill in the blanks, tick boxes and sign the pdf form.

## Articles & Reports: Nudge / Fire Refugia / Harvest Targets & WUI / JFSP

**Nudge:** The authors of the [article](#) “**Phone-Call Reminders** Narrow the Intention-Action Gap by Increasing Follow-Through for a Residential Tree Giveaway Program” found that reminding people who had signed up for an event by phone (in addition to their standard mail and email reminders) **increased participation** by 16 percent. (The program’s “theory of change” diagram and **study design** laid out in the article also looks like they **could be adapted** to test similar interventions.)

**Fire Refugia:** The authors of the [article](#) “Contributions of Fire Refugia to Resilient **Ponderosa Pine** and Dry Mixed-Conifer Forest Landscapes” developed a spatially explicit landscape simulation **model** that showed a strong relationship between refugia and regeneration, and “the disproportionate importance of **small, isolated islands** of surviving trees.”

**Harvest Targets & WUI:** The [article](#) “**Tradeoffs** Between U.S. National Forest Harvest Targets and Fuel Management to Reduce Wildfire Transmission to the Wildland Urban Interface” explores the tension between these two goals, and identifies “**specific planning areas** and national forests where joint production of **two restoration objectives can be efficiently attained.**”

**JFSP:** A [report](#) out this summer highlights “**20 years** of Innovation and Transformative Contributions to the Wildland Fire Community” from the **Joint Fire Science Program**.

## For Fun: Mother & Son

**Mother & Son:** Last week’s **StoryCorps** [episode](#) on NPR had an interview with a mother and son who once served on the same fire crew.

## Jobs: Burn Crew / Forestry Aids / Fire Interns / Longleaf Coordinator

**As-Needed Burn Crew: The Nature Conservancy** is filling crew member and lead positions for its **Southern Blue Ridge As-Needed Burn Crew**. Based in North Carolina, the crew will add critical capacity on FLN partner burns. Details are on the TNC careers site (crew member, [position number 47967](#); crew lead, [position number 47964](#)); applications are due by **September 20**. (As always, current TNC employees should apply through PeopleSoft ([crew member](#); [crew lead](#)).)

**Forestry Aids:** The **Chattahoochee-Oconee National Forests** are hiring forestry aids (**seasonal fire positions**) on four ranger districts in the Georgia Blue Ridge region for duties that may include fire prevention, patrol, detection or prescribed burning. Details are on usajobs.gov ([20-TEMPF1-R8-3867-3DT-AM](#)); applications are due by **September 30**.

**Fire Interns:** The Student Conservation Association is partnering with the Forest Service Southern Region to offer paid **Integrated Fire and Recreation Internships** for those age 18-30 with at least an associate’s degree. [Details](#) are on the SCA website; apply by **October 11** for the January-April 2020 session.

**Longleaf Coordinator:** The **Texas Longleaf Implementation Team** is seeking an implementation team coordinator; details are in the [position announcement](#).

## Webinars

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|---|--|
| <b>September 26</b>                     | <b>Remap 2016: New LANDFIRE Products for the Southwestern United States</b><br>10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern<br><a href="#">Details</a> are on the Conservation Biology Institute website.<br>Register: <a href="https://attendee.gotowebinar.com/register/2059595684534269708">https://attendee.gotowebinar.com/register/2059595684534269708</a>   |
| <b>October 17</b><br><b>new listing</b> | <b>2019 Hot Topics</b><br>9:00 Pacific / 10:00 Mountain / 11:00 Central / noon Eastern<br>The NWCG Advanced Fire Environment Learning Unit is hosting this webinar with presentations covering a Predictive Services tools comparison, an Alaska fire behavior case study, and information about smoke tools.<br>Pre-register: <a href="https://register.gotowebinar.com/register/1202906804225399820">https://register.gotowebinar.com/register/1202906804225399820</a>   |
| <b>October 17</b><br><b>new listing</b> | <b>Preparing for Wildfires with Firescaping: A Master Gardener Training Designed to Help Protect Southeastern U.S. Communities from Wildfire</b><br>10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern<br>The University of Georgia, Southern Fire Exchange and University of Florida are hosting this webinar that will introduce participants to the day-long Master Gardener training and the online tools that support it.<br>Information: <a href="https://ufl.zoom.us/webinar/register/WN_DCeZJZqWSwyr0uzt7mWHbg">https://ufl.zoom.us/webinar/register/WN_DCeZJZqWSwyr0uzt7mWHbg</a> |

**November 19**  
**new listing**

**Rivercane: A Culturally & Ecologically Significant Plant in the Appalachians**  
10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern (1.5 hours)  
David Cozzo will introduce the cultural and ecological importance of rivercane and Adam Griffith will speak on restoration projects in western North Carolina in the Southern Blue Ridge FLN webinar.  
Details: <http://www.conservationgateway.org/ConservationPractices/FireLandscapes/FireLearningNetwork/NetworkProducts/Pages/SBR-webinar.aspx>

## Network Workshops & Field Tours

**November 4-8**

**Annual FLN Leaders-TREX Coaches-IPBN Workshop / Mountain View, AR**  
FLN network leads, TREX coaches and IPBN leads will meet at this joint national workshop.

**November 13**  
**new listing**

**Southern Blue Ridge Escarpment Landscape / TBD**  
Save the date for the next workshop of this FLN landscape.

## FLN Prescribed Fire Training Exchanges (TREX)

**September 10-24**

**San Juan Prescribed Fire Training Exchange / southwestern CO**  
This TREX is in progress.

**Sept. 24-October 5**

**Yurok Prescribed Fire Training Exchange / Weitchpec, CA**  
The deadline for this TREX has passed.

**Sept. 24-October 11**

**Cascadia Prescribed Fire Training Exchange / Cle Elum, WA**  
The deadline for this TREX has passed.

**October 7-18**

**Klamath River Prescribed Fire Training Exchange / Orleans, CA**  
The deadline for this TREX has passed.

**October 14-27**

**Intercambio y Entrenamiento en Quemadas Prescritas en Español / Santa Fe, NM**  
The deadline for this TREX has passed.

**November 1-21\***  
**deadline**

**Cal-TREX Butte / Butte County, CA**  
This Cal-TREX will mobilize for one week within the three-week window. Details and a link to the application are in the [flyer](#); applications are due by September 20.

## Conferences, Workshops, Training, Etc.

**October 1-3**

**5<sup>th</sup> Biennial Shortleaf Pine Conference / Van Buren, MO**  
Information: <http://www.shortleafpine.net/shortleaf-pine-initiative/conferences>

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

**North Carolina Fire Management in Organic Soils / Holly Ridge, NC**  
This workshop is co-hosted by the Southern Fire Exchange, North Carolina Prescribed Fire Council and Southeast Regional Strategy Committee.  
Information: <https://www.eventbrite.com/e/fire-management-in-organic-soils-workshop-tickets-69874986967>

**October 21-24**

**3rd Annual Cohesive Strategy Workshop / Plymouth, MA**  
Information: [https://www.iawfonline.org/event/2019\\_cohesive\\_strategy\\_workshop/](https://www.iawfonline.org/event/2019_cohesive_strategy_workshop/)

**November 18-22**

**Cultivating Pyrodiversity: The 8th International Fire Ecology and Management Congress / Tucson, AZ**  
Information: <http://afefirecongress.org/>

**April 15-16, 2020**  
**new listing**

### **Colorado Wildland Fire Conference / Grand Junction, CO**

Fire Adapted Colorado is presenting this conference focused on “Discover Your Role: Reducing Wildland Fire Risk.”

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

**April 20-24, 2020**  
**new listing**

### **3<sup>rd</sup> International Smoke Symposium / Raleigh, NC and Davis, CA**

Presented by International Association of Wildland Fire in partnership with NWCG Smoke Committee and the UC-Davis Air Quality Research Center, the symposium will have based in Raleigh, with a [satellite location at UC-Davis](#).

Information: <https://www.iawfonline.org/event/3rd-international-smoke-symposium/>

## Send News, Links & Comments

**Emily Hohman** – [emily.hohman@tnc.org](mailto:emily.hohman@tnc.org) – Emily is at San Juan NF September 8-24; in NM September 30-October 2.

**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 at San Juan NF September 8-24; in northern CA September 29-October 19.

**Marek Smith** – [marek\\_smith@tnc.org](mailto:marek_smith@tnc.org) – Marek is in NM September 30-October 2; out October 4.

**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 in Jackson, WY October 7-9.

**Liz Rank** (editor) – [lrnk@tnc.org](mailto:lrnk@tnc.org) – Liz is out September 30.

## Full Links

News from the Field—CA—Karuk plan: <https://www.ijpr.org/post/karuk-tribe-unveils-climate-adaptation-plan#stream/0>

News from the Field—CA—Wilder than Wild: <https://www.wilderthanwildfilm.org/about-the-film>

San Rafael screening: <https://rafaelfilm.cafilm.org/wilder-than-wild/>

Outreach effort: <https://www.wilderthanwildfilm.org/take-action>

News from the Field—CA—FireScape Mendocino: <https://mendocinofirescape.blogspot.com/2019/09/forest-health-collaboration-tribal.html>

News from the Field—CO—Media coverage: <http://www.pagosasun.com/2019/09/02/firefighters-to-visit-town-for-prescribed-fire-training-exchange/>

Facebook: <https://www.facebook.com/TREXprescribedfiretrainingexchange/>

News from the Field—NM—Greater Santa Fe Fireshed Coalition:

Pacheco Canyon burn: <https://www.fs.fed.us/inside-fs/delivering-mission/sustain/putting-shared-stewardship-strategy-practice>

Pacheco Canyon Forest Resilience Project: <https://www.fs.usda.gov/project/?project=50368>

Feedback Requested—NWCG position descriptions—FIRB: <https://www.nwcg.gov/positions/ops>

RXB1, RXB2: <https://www.nwcg.gov/positions/rx>

Resources—Emergency management & resilience: <https://www.publicsafety.gc.ca/cnt/rsrscs/pblctns/mrgncy-mngmnt-strtg/index-en.aspx>

Resources—FAC tips: <https://facnm.org/news/2019/9/4/livingwithfire>

Resources—Go-no go form: [http://www.tncfiremanual.org/tnc\\_gonogo\\_checklist.pdf](http://www.tncfiremanual.org/tnc_gonogo_checklist.pdf)

Articles & Reports—Nudge: [https://www.fs.fed.us/rm/pubs\\_journals/2019/rmrs\\_2019\\_hand\\_m001.pdf](https://www.fs.fed.us/rm/pubs_journals/2019/rmrs_2019_hand_m001.pdf)

Articles & Reports—Fire refugia: [https://www.fs.fed.us/rm/pubs\\_journals/2019/rmrs\\_2019\\_coop\\_i001.pdf](https://www.fs.fed.us/rm/pubs_journals/2019/rmrs_2019_coop_i001.pdf)

Articles & Reports—Harvest targets & WUI: [https://www.fs.fed.us/rm/pubs\\_journals/2019/rmrs\\_2019\\_ager\\_a001.pdf](https://www.fs.fed.us/rm/pubs_journals/2019/rmrs_2019_ager_a001.pdf)

Articles & Reports—JFSP: <https://www.firescience.gov/documents/JFSP-20yrs-Innovation-Final.pdf>

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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