# FLN Networker No. 271: October 17, 2018

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 or contact Marek Smith.

## News from the Field

**California**: The **Yurok TREX** took place the first week of this month, and the **Klamath River TREX** finished on Saturday; highlights (and photos) from both are on the <u>TREX Facebook page</u>, and see more about the Klamath TREX in their <u>media release</u>. Both TREX had **strong cultural components**—the incident action plans (IAPs) for the Klamath included **daily cultural messages**, provided by **Bill Tripp** (<u>btripp@karuk.us</u>), covering a wide range of topics, from intergenerational learning and traditional ecological knowledge, to the importance of caring for the Pacific giant salamander, sacred to the Karuk as water purifier, when conducting burns. For more, see the **videos** produced during the TREX, including one on <u>intergenerational learning</u>, and "Connecting Culture" interviews with <u>Herman Albers</u> and <u>Greg Arteche</u>.

California: During the last week of September, the Humboldt County Prescribed Burn Association conducted two burns on private ranches, getting 336 acres of fire on the ground. Four fire departments and 30-35 volunteers took part in each burn. Lenya Quinn-Davidson (lquinndavidson@ucanr.edu) credits strong leadership—and the wide range of skills and experience among the mostly volunteer crew—for the success of these burns, and for the promise of the PBA going forward. (For more on burning on private land in the state, check out Lenya's recorded presentation "Options for Prescribed Fire on Private Lands in California.")

**California**: The environmental science and conservation site <u>Mongabay</u> has been running a series on agroforestry worldwide. The most recent <u>article</u>, "**Fire and Agroforestry Revive California Indigenous Groups' Traditions**," focuses on a familiar bit of northern California. In it, **Frank Lake**, **Lisa Hillman**, **Bill Tripp**, **Margo Robbins** and **Elizabeth Azzuz** talk about **fire and food**, and **their work to support them** (with links to the Cultural Fire Management Council, Somes Bar Integrated Fire Management Project, TREX and Western Klamath Restoration Partnership).

Idaho: A crew of burners from The Nature Conservancy, Caribou-Targhee NF and U.S. Fish & Wildlife Service put some good late-September prescribed fire on the ground on the Conservancy's Flat Ranch Preserve (news release). The burning—led by Mike Norris (<u>mnorris@tnc.org</u>) from the Conservancy's North Carolina Sandhills Program—is having good effects: on the ranch, on the community, and on local partnerships.

**New Mexico: The Forest Stewards Guild**'s **All-Hands All-Lands Burn Team** is up and running, implementing burns in the Rio Grande watershed. For more, see their <u>latest report</u>—which includes a link for those who want to **join the effort**.

Southern Blue Ridge: The Central Escarpment FLN landscape workshop earlier this month drew a diverse turnout of partners from The Nature Conservancy, U.S. Forest Service, North Carolina Forest Service and State Parks, the Southern Appalachian and North Georgia RC&Ds, McDowell County Emergency Management, and the local community. Discussion centered on the accomplishments of the Grandfather CFLRP project and how to continue momentum into its final year; prescribed fire projects, including the SBR TREX; and Firewise efforts, improvements and challenges in the landscape. Relationships between firefighters and community are strengthening, but participants identified a need to continue focusing FAC outreach where there is traction. The Appalachian RC&D FAC Coalition reported that it has been funded for Firewise work in western North Carolina through 2020, which will facilitate that.

**Southern Blue Ridge**: The **SBR TREX**, which starts at the end of the month, has an **event website** (<u>https://apfire.wixsite.com/sbrtrex2018</u>). The site provides useful pre-event information, homework and "paperwork" for participants—but can also give others a nice peek into what goes into a TREX.

Washington: The Cascadia TREX—which drew 18 participants from four states and one Canadian province, and from eight agencies—wrapped up last week. Their work included three burns on prairies at Joint Base Lewis-McChord (123 acres), and burns at the Roslyn Urban Forest (8 acres) and Roslyn Ridge (33 acres); one participant also worked with the Cle Elem Ranger District on a burn, and others had an opportunity to work with staff from the Naches Ranger District. Among the other offerings at this TREX was a radio programming class, to develop a skill that is increasing in importance as work with diverse partners—each with their own communication plan and channels—expands. For more, see the news release from the Okanogan-Wenatchee National Forest, stories on KOMO News and King 5 News, or the Seattle Times story "Setting Fires to Control Wildfires: A Profound Change Takes Hold in Washington State."

# Funding: Student Travel

Student Travel: The Association for Fire Ecology administers distribution of the Joint Fire Science Program TREE grant, which supports graduate students travel to present at conferences, symposia, and workshops related to wildland fire science and management. Applications are due 60 days before the event for which support is requested; <u>details</u> are on the AFE website.

## Nominations: Smokey Award

Smokey Award: The U.S. Forest Service is accepting nominations for the 2019 Smokey Bear Awards. The awards go to "individuals, agencies or organizations that have made outstanding contributions to the prevention of human-caused wildfires." Details are on the <u>award website;</u> nominations are due by December 15.

# Resources: Cross-Boundary Projects / Social Media Timing / Home Ignition / NWCG Quals

**Cross-Boundary Projects**: The <u>guide</u> "Planning and Implementing **Cross-boundary, Landscape**scale Restoration and Wildfire Risk Reduction Projects" describes the process used by the Klamath-Lake Forest Partnership; it is intended as a model that individuals and communities can modify to meet the needs of their circumstances. (Klamath & Lake Counties FLN landscape lead Craig Bienz (cbienz@tnc.org) is one of the co-authors.)

**Social Media Timing**: If you use Facebook, Instagram, Twitter or LinkedIn to get your word out, check out "**Best Times to Post** on Social Media: 2018 Industry Research." The <u>article</u> includes charts of **user engagement patterns** (day of week and time) on each platform overall, and for several key sectors (including nonprofits).

**Home Ignition 1**: The **National Fire Protection Association** has a **new online course for residents**, "Understanding the Wildfire Threat to Homes." In about half an hour, the <u>course</u> covers the basics of wildfire threats to homes and communities, and some **simple actions to take** to greatly reduce the risk to a home.

**Home Ignition 2**: The **NFPA** also posted a new <u>video</u> for Fire Prevention Week last week (you can celebrate it this week, too). "Your Home and Wildfire. Choices that Make a Difference" talks about **mitigation in the home ignition zone**, through **interviews** with a couple and video of the work—including **aerial footage** that should reassure homeowners that safety and aesthetics aren't mutually exclusive.

**NWCG Qualifications**: New versions of three wildland fire qualifications publications are now available—Wildland Fire Qualification System Flow Chart (<u>PMS 308</u>), Wildland Fire Qualification **Systems Guide** (<u>PMS 310-1</u>) and **Field Manager's Course Guide** (<u>PMS 901-1</u>). There are also five new aviation <u>position task books</u> (including one for unmanned aircraft systems).

# Report: Good Neighbor Authority

**Good Neighbor Authority**: The **Rural Voices for Conservation Coalition** has published the <u>report</u> "Understanding Good Neighbor Authority: **Case Studies from Across the West**." The report covers the **history**, evolution, functions and **misconceptions** about the GNA, and then explores its use through interviews with 20 practitioners from six states—Alaska, California, Idaho, Montana, Oregon and Washington.

# Articles: Fire Outreach / Reburn Severity / Smoke & Stream Temperatures

**Fire Outreach**: The <u>article</u> **"Where Wildfires Destroy Buildings** in the U.S. Relative to the Wildland-Urban Interface and National Fire Outreach Programs" appeared in the *International Journal of Wildland Fire* this spring. The authors examined both **spatial and temporal patterns** in wildfire exposure and proximity of fire outreach programs; much of the analysis involves **Firewise**, but the **Fire Learning Network** and **Fire Adapted Communities Learning Network** are also mentioned.

**Reburn Severity**: A recent <u>article</u> in *Fire Ecology* asks "How Does Forest Recovery **Following Moderate-Severity Fire** Influence Effects of Subsequent Wildfire in Mixed-Conifer Forests?" The authors examined "15 forest structure and composition variables to attempt to explain observed reburn severity" for this broad category. Their findings "findings emphasize that the wide range of fire effects in the moderate-severity category can contribute to **highly variable responses** to subsequent wildfire."

Smoke & Stream Temperatures: The <u>article</u> "Wildfire Smoke Cools Summer River and Stream Temperatures" used recently developed aerosol optical thickness data and water temperatures in the lower Klamath Basin over six years of high wildfire activity. This may benefit cold-water adapted species, especially since "significant smoke production is most likely to occur during years and seasons when water temperatures are highest and most stressful" to them. (For a quick overview of the article, see the <u>news release</u> from the Pacific Southwest Research Station—which calls out co-author Frank Lake, as well as Bill Tripp of the Karuk Tribe DNR.)

# Blog Posts: Equity / Smoke

**Equity**: In the **FAC Net** <u>blog post</u> "Equity in Action: Long-Term Disaster Recovery in North-Central Washington" The Nature Conservancy's Global Diversity Equity and Inclusion team's associate director **Maria Estrada** (<u>maria.estrada@tnc.org</u>) drew on her expertise and her experiences at the PERFACT workshop in Wenatchee this spring to underscore how **a focus on equity is essential** for communities to truly adapt to wildfire.

**Smoke**: **Dr. Leland Tarnay** (USDA Forest Service Region 5 Remote Sensing Lab) addresses "How Healthier Forests Can Mean Less Smoke: The Science, Tools and Strategies Related to Smoke Management in Fire-Adapted Forests" in a recent <u>post</u> on the **FAC Net** blog.

# In the News: Forest Service Chief

**Forest Service Chief**: **Vicki Christiansen** was **sworn in as chief** of the USDA Forest Service last week; she has been serving as interim chief since March. For more, see the USDA <u>news release</u>.

# Jobs: Burn Crew & Manager / Program Director / Forestry Extension

**Burn Crew & Manager: The Nature Conservancy**'s South Carolina chapter is seeking a manager and members for each of two crews—the **South Carolina Prescribed Burn Crew** and **U.S. Forest Service-TNC Interagency Burn Crew**. Details are on the Conservancy's careers page (for managers: job IDs <u>46899</u> and <u>46897</u>, respectively; crewmember job IDs <u>46900</u> and <u>46898</u>); applications are due by **October 19**. (Current Conservancy employees should apply through PeopleSoft—job IDs <u>46899</u>, <u>46897</u>—job IDs <u>46900</u>, <u>46898</u>.)

**Program Director**: **Deschutes County** is soliciting statements of qualifications for a contractor to act as the **Project Wildfire program director**. Details are on the county forester's <u>web page</u>; proposals are due by 3:00 pm **November 6**. (**Project Wildfire** is a core member of **FAC Net**.)

**Forestry Extension: University of California Cooperative Extension** is hiring a **forestry and natural resources cooperative extension advisor** for Lassen, Plumas and Sierra counties. Key clientele will include Fire Safe Councils, the Northern California Prescribed Fire Council, California Fire Science Consortium, foresters and forest management companies, private forest landowners and concerned citizens. Details are on the university's Division of Agriculture and Natural Resources jobs page (job number 1448); applications should be submitted by **November 19**.

#### Webinars

November 29	Prescribed Fire Policy Barriers 11:30 Pacific / 12:30 Mountain / 1:30 Central / 2:30 Eastern Courtney Schultz and Heidi Huber-Stearns will be the presenters on this Northwest Fire Science Consortium webinar on findings from a JFSP project on challenges and strategies on federal lands across the West. Details & registration: <u>http://www.nwfirescience.org/events/prescribed-fire-policy-barriers-findings-jfsp-project-challenges-and-strategies-federal-lands</u>
recording new listing	The Full Community Costs of WildfireKimiko Barrett (Headwaters Economics) was the presenter for this August 29webinar from the Southwest Fire Science Consortium.Details: <a href="https://www.eventbrite.com/e/the-full-community-costs-of-wildfire-registration-48812407224">https://www.eventbrite.com/e/the-full-community-costs-of-wildfire-registration-48812407224</a> Recording: <a href="https://www.youtube.com/watch?v=OxMNTodFows&amp;feature=youtu.be">https://www.youtube.com/watch?v=OxMNTodFows&amp;feature=youtu.be</a>
recording new listing	We Bring Fire with Us: The Role of People in Changing Modern U.S. Fire Regimes Jennifer Balch (University of Colorado) was the presenter for this September 20 webinar from the National Academies of Sciences, Engineering and Medicine. Recording: <u>https://www.youtube.com/watch?v=O710Lqxkb5c</u>

## Network Workshops & Field Tours

October 23-24 Central Appalachians FLN / Blacksburg, VA The registration deadline has passed.

#### October 25 Sand Plain Pines Partnership / Cass Lake, MN Partners will continue discussions begun at their first FLN workshop in July, and will delve into greater detail on landscape restoration objectives, including methods and techniques to restore mixed pine woodland communities.

December 6 new listing	Southern Blue Ridge Escarpment FLN / TBA Save the date—details and an agenda will go out after November 12.
December 11	Georgia Blue Ridge Mountains FLN / Dahlonega, GA Save the date for the fall workshop of this Southern Blue Ridge FLN landscape.
February 11-15, 2019	Annual FLN Leaders-TREX Coaches-IPBN Workshop / Russellville, AR Regional network leads, TREX coaches and leaders from the Indigenous Peoples Burning Network will be hosted by the South Central FLN.
April 22-26, 2019	Fire Adapted Communities Learning Network Workshop / Ashland, OR FAC Net core members and key partners will meet at this national workshop.

# FLN Prescribed Fire Training Exchanges (TREX)

Oct. 15-Nov. 2	Spanish-language Prescribed Fire Training Exchange / Santa Fe NF, NM This TREX is in progress.
October 15-22	Fire Effects Monitoring and Technology Workshop / Santa Fe, NM This TREX is in progress.
October 18-31	Southern Rockies Prescribed Fire Training Exchange / Raton, NM & Trinidad, CO The application deadline for this TREX has passed.
Oct. 22-Nov. 3	Cal-TREX North Training Exchange / Chico, CA The application deadline for this TREX has passed
Oct. 29-Nov. 9 updated	<b>Southern Blue Ridge Prescribed Fire Training Exchange / Pickens County, SC</b> The application deadline for this TREX has passed. Ongoing updates about this TREX are at <u>https://apfire.wixsite.com/sbrtrex2018</u> .

November 5-16Calaveras Prescribed Fire Training Exchange / Wilseyville, CA<br/>The application deadline for this TREX has passed.

# Conferences, Workshops, Training, Etc.

October 19 new listing	Law, Planning and Wildfire in the Wildland-Urban Interface / Boise, ID If you can't get to Boise, there is an option to view this seminar live online. Information: <u>https://www.uidaho.edu/law/news/upcoming-events/wildfire-</u> symposium
November 27-29	Working Together—Fire Managers & Archaeologists / Tucson, AZ Information: <u>http://www.swfireconsortium.org/2018/06/26/november-27-29-2018-</u> working-together-fire-managers-archaeologists/
December 10-14	15th International Wildland Fire Safety Summit and 5th Human Dimensions of Wildland Fire Conference / Asheville, NC Information: <u>https://www.iawfonline.org/event/15th-international-wildland-fire-</u> safety-summit-and-5th-human-dimensions-conference/
January 14-18, 2019 deadline	<b>RX-510 Advanced Fire Effects / Tucson, AZ</b> Nominations are being accepted for this course offered by the National Advanced Fire and Resource Institute through <b>October 19</b> . Information: <u>https://nationalfiretraining.nwcg.gov/schedule/detail/na RX510 01-</u> 14-2019 7130

February 7, 2019 new listing	North Georgia Prescribed Fire Council / Jasper, GA Save the date for this meeting intended to help grow the state council's efforts in North Georgia.
March 5-6, 2019 new listing	Wildfire Mitigation Academy and Community Mitigation Assistance Team Training / Boise, ID This training is a prerequisite for participation in CMAT. Applications are due by December 1. Information: see the attached flyer
March 26-28, 2019	Wildland Urban Interface Conference / Reno, NV Pre-conference events will take place March 23-26. Information: <u>https://www.iafc.org/events/wui</u>
April 1-3, 2019 new listing	After the Flames / Denver, CO This conference is being convened by The Nature Conservancy, Forest Stewards Guild and Southern Rockies Fire Science Network, and hosted by Coalitions and Collaboratives (COCO). It will include sessions on community resilience and preparation, pre-fire planning for post-fire response, and "fantastic failures" (sharing lessons from what didn't work). Information: <u>http://aftertheflames.com/</u>
April 29-May 3, 2019 deadline	<b>6th International Fire Behavior and Fuels Conference / Albuquerque, NM</b> The conference theme is "Fuels of Today–Fire Behavior of Tomorrow," and will be held simultaneously in Albuquerque, Sydney (NSW Australia) and Marseille (France). Proposals for presentations/papers are due by <b>October 31</b> . Proposals for pre-conference workshops (April 29, in Albuquerque) are due by November 16. Information: <u>http://www.firebehaviorandfuelsconference.com/</u>
July 23-25, 2019 new listing	<b>Fire in Eastern Oak Forests Conference / State College, PA</b> Save the date for this conference organized by the Oak Woodlands & Forests Fire Consortium and Consortium of Appalachian Fire Managers and Scientists, in partnership with the Pennsylvania Prescribed Fire Council.
Nov. 18-22, 2019	Cultivating Pyrodiversity: The 8th International Fire Ecology and Management Congress / Tucson, AZ Information: <u>http://afefirecongress.org/</u>

. . . . . . . . . . .

### Send News, Links & Comments

Heather Montanye – <u>hmontanye@tnc.org</u> – Heather is in the office.

- Jeremy Bailey jeremy bailey@tnc.org Jeremy is in Santa Fe, NM October 14-22; in Chico, CA October 23-November 3; in Calaveras County, CA November 5-16.
- Marek Smith <u>marek\_smith@tnc.org</u> Marek is in Leavenworth, WA October 15-19; in Chantilly, VA October 23-24; out October 25-26; in Austin, TX October 28-November 1; out November 2-5.

Mary Huffman – <u>mhuffman@tnc.org</u> – Mary is in Cass Lake, MN October 24-26.

Wendy Fulks – <u>wfulks@tnc.org</u> – Wendy out October 15-19; in Blacksburg, VA October 22-24; out October 25-26.

Liz Rank (editor) – <u>Irank@tnc.org</u> – Liz is in the office.

#### **Full Links**

News from the Field—CA—TREX—Facebook: https://www.facebook.com/TREXprescribedfiretrainingexchange/
Klamath media release: http://www.mkwc.org/news-events/2018-trex-press-materials/
Intergenerational learning: <u>https://www.youtube.com/watch?v=XsUkyZ1LT_I&amp;feature=youtu.be</u>
Herman Albers: https://www.youtube.com/watch?v=6KAXHE6ZXIg&feature=youtu.be
Greg Arteche: <a href="https://www.youtube.com/watch?v=eJkToBDB498&amp;feature=youtu.be">https://www.youtube.com/watch?v=eJkToBDB498&amp;feature=youtu.be</a>
News from the Field—CA—Private lands burns: <u>https://www.youtube.com/watch?v=RD-CMOznlls&amp;feature=youtu.be</u>
News from the Field—CA—Indigenous traditions: <u>https://news.mongabay.com/2018/10/fire-and-agroforestry-revive-california-</u>
indigenous-groups-traditions/
News from the Field—ID: http://www.idahofireinfo.com/2018/09/nature-conservancy-plans-controlled.html
News from the Field—NM: http://campaign.r20.constantcontact.com/render?m=1102379037468&ca=fa6b7a34-169c-42ba-
<u>b89b-c865da85280d</u>
News from the Field—WA—News release: https://www.fs.usda.gov/detail/okawen/news-events/?cid=FSEPRD595318
KOMO: https://komonews.com/news/local/we-have-a-forest-health-crisis-in-washington-state
K5 News: https://www.king5.com/article/news/local/more-prescribed-burns-could-prevent-washington-megafires/281-
<u>601031244</u>
Seattle Times: <u>https://www.seattletimes.com/seattle-news/environment/on-a-forested-ridge-by-roslyn-crews-bring-fire-</u>
back-to-the-land/
Funding—Student travel: https://fireecology.org/tree-student-travel-grants
Nominations—Smokey award—Details: https://smokeybear.com/en/awards/about-the-awards
Nomination form: https://www.jotform.com/NASF1920/2019-smokey-bear-award-nomination
Resources—Cross-boundary projects: https://catalog.extension.oregonstate.edu/pnw707
Resources—Social media timing: https://sproutsocial.com/insights/best-times-to-post-on-social-media/#twitter
Resources—Home ignition 1: <u>https://community.nfpa.org/community/fire-break/blog/2018/10/12/valuable-new-online-course-</u>
helps-residents-and-stakeholders-prepare-for-wildfire
Resources—Home ignition 2: <u>https://www.youtube.com/watch?v=pfbEcMeYFFA&amp;index=14&amp;list=PL788EB45BE4B06056</u>
Resources—NWCG quals—PMS 308: <u>https://www.nwcg.gov/publications/308</u>
PMS 310-1: https://www.nwcg.gov/publications/310-1
PMS 901-1: https://www.nwcg.gov/publications/901-1
Position task books: https://www.nwcg.gov/publications/position-taskbooks
Report—Good Neighbor Authority: http://www.ruralvoicescoalition.org/publications/
Articles—Fire outreach: https://www.fs.fed.us/nrs/pubs/jrnl/2018/nrs_2018_kramer_001.pdf
Articles—Reburn severity: https://fireecology.springeropen.com/articles/10.1186/s42408-018-0004-x
Articles—Smoke & stream temperaturesArticle: https://www.fs.fed.us/psw/publications/lake/psw 2018 lake003 david.pdf
News release: https://www.fs.fed.us/psw/news/2018/20181009 wildfiresmoke.shtml
Blog Posts—Equity: https://fireadaptednetwork.org/equity-in-practice-long-term-disaster-recovery-in-north-central-washington/
Blog Posts—Smoke: https://fireadaptednetwork.org/how-healthier-forests-can-mean-less-smoke-the-science-tools-and-
strategies-related-to-smoke-management-in-fire-adapted-forests/
<u>strategies-related-to-smoke-management-in-ilre-adapted-forests/</u> In the News—Forest Service chief: https://www.usda.gov/media/press-releases/2018/10/10/secretary-perdue-announces-vicki-

Jobs—Program director: https://www.deschutes.org/forester/page/rfg-project-wildfire-program-director

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.

In accordance with Federal law and U.S. Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color, national origin, sex, age, or disability. (Not all prohibited bases apply to all programs.) To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Avenue SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

To stop receiving the FLN Networker, please reply to this message and include your request in the body of the message.



# Wildfire Mitigation Academy &

# **Community Mitigation Assistance Team Training**

#### What:

The Wildfire Mitigation Academy and Community Mitigation Assistance Team (CMAT) training is two days of training by national wildfire mitigation subject matter experts on:

I. Mitigation Best Practices - activities that lead to the greatest wildfire risk reduction outcomes and

2. Community Mitigation Assistance Team activities, protocols, and process.

To Learn more about CMAT Please visit https://www.fs.fed.us/managing-land/fire/cmat



#### When:

March 5 & 6, 2019

#### Where:

National Interagency Fire Center 3833 So. Development Ave. Boise, ID 83705-5354

#### Who:

Mitigation Specialists, Wildfire Program leads and individuals interested in participating in CMAT.

Please note - The training is a prerequisite for participation in CMAT. A letter from your supervision supporting your participation in CMAT is required to attend.

To apply for this training, visit

https://www.surveymonkey.com/r/QF3BFDZ

(APPLICATIONS DUE - DEC 1, 2018)