

# FLN Networker No. 222: October 26, 2016

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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 Lynn Decker.

## News from the Field

**Arizona:** “**Flagstaff Combats Wildfire** with ‘Watershed Protection Project,’” a [news story](#) about thinning work in the **municipal watershed**, ran on *NAZ Today* last month. For more on the **Flagstaff Watershed Protection Project** and other **FAC Net** efforts in the area, contact **Mark Brehl** ([markbrehl@azsf.gov](mailto:markbrehl@azsf.gov)) or **Anne Mottek Lucas** ([mottekconsulting@infomagic.net](mailto:mottekconsulting@infomagic.net)).

**California:** Currently **underway** in northern California is the final Prescribed Fire Training Exchange of the fall. For more on the **Women in Fire TREN**, see yesterday’s [FAC Net blog post](#). Participants are also posting **photos and updates** on Twitter ([#WTREX2016](https://twitter.com/WTREX2016)) and on the [event page](#) on Facebook.

**California:** More from the **Klamath River TREN**, including an [interview](#) on Jefferson Public Radio (from southern Oregon) with **Sophie Neuner** and **José Luis Duce**—a wonderful juxtaposition that captures a lot about TREN: one of them a **first-time burner** with long, strong **ties to the place**, the other a **25-year fire veteran** from **Spain**.

**California-Colorado-New Mexico:** The University of Oregon’s Ecosystem Workforce Program has published the [working paper](#) “**Local Capacity for Integrated Forest and Wildfire Management**” by **Heidi Huber-Stearns**, **Cassandra Moseley** and **Nick Goulette** ([nickg@hayfork.net](mailto:nickg@hayfork.net)). Four groups associated with the **FAC Net** and **FLN**—**Coalition for the Upper South Platte**, **Forest Stewards Guild**, **City of Santa Fe Fire Department Wildland Fire Division** and **Trinity County Resource Conservation District**—are featured as the **case studies**, from which **lessons and keys to success** are drawn.

**New Mexico:** **Eytan Krasilovsky** ([eytan@forestguild.org](mailto:eytan@forestguild.org)) reports a busy few weeks for the **Forest Stewards Guild** staff: In the western part of the state, they worked with participants in the **Spanish Language TREN** and other partners to complete **first-entry burns at Cottonwood Gulch**. Then at a two-week **cooperative burn in Black Lake**, they completed units that have been a priority since the 2013 and 2014 TREN there, returning fire to **more than 500 acres** of meadows and ponderosa pine, aspen and mixed conifer forests. “We also had **broadcast fire** as **close to homes** as we’ve ever had. **learned a lot** from that experience and it was especially **important to reduce fuels** across the fence from residences. This year was more than twice the acreage of previous seasons, with some of the **best fire effects** we’ve had.” This was also the **first year** that **New Mexico State Forestry** was a partner in the burn operations, and people in their [Returning Heroes Wildland Firefighter Program](#) worked on their task books and helped out in a big way. Local fire departments and the **City of Santa Fe Fire Department’s wildland crew** were also key players.

**North Carolina:** In late September the **Southern Blue Ridge Escarpment Landscape** team held a field trip at the **Green River Game Lands**, which are part of the **Joint Fire Science Program’s** national **Fire and Fire Surrogate Study**. Twelve team members from six agencies toured research sites where management is focused on restoration for shortleaf, Table Mountain and pitch pine forests as well as shelterwood and oak regeneration. The gathering was a great chance to support the landscape’s goals of **learning** from other fire professionals, **building capacity** and generating **new ideas and partnerships**. For more, contact **Kristen Austin** ([kaustin@tnc.org](mailto:kaustin@tnc.org)).

**North Carolina:** In the news article “Sharing Space: The **Bears Are Back in Town**,” **Adam Warwick** ([awarwick@tnc.org](mailto:awarwick@tnc.org)) noted the role of the **Southern Blue Ridge FLN** in getting **fire on the ground** so that bears can live well in **healthy forests**, rather than dumpster-diving in town. (Scroll to page 46 to [read the story](#).)

## Vote: FireUp! for Firewise

**FireUp! for Firewise:** A proposal submitted by **Krys Nystrom** (<http://wildfirenetwork.org/>) is a **finalist** in the **State Farm Neighborhood Assist grant** competition. The New Mexico project is an **after-school program** for grades 6-8 that combines fitness and learning about career options in fire and forest fields. Read more about [FireUp! for Firewise](#)—and then **vote early and often** (up to 10 votes a day). The projects with the most votes by November 4 will receive **\$25,000** grants to implement them.

## Resources: Funding & Authorities / Spot Forecast / LANDFIRE Guide

**Funding & Authorities:** The **Rural Voices for Conservation Coalition (RVCC)** [guide](#) “From Ideas to Action: A Guide to **Funding and Authorities for Collaborative Forestry**” is a **concise overview** of federal programs, tools and authorities supporting all-lands collaborative approaches to land stewardship. It includes an introduction to the USDA Forest Service and Natural Resources Conservation Service and **14 fact sheets** (which include contact information for more detail).

**Spot Forecast:** The new **National Weather Service spot request form** is now operational (at <http://www.weather.gov/spot/>). **Training options** include an eight-minute [tutorial on YouTube](#) or a set of [PowerPoint slides](#).

**LANDFIRE Guide:** The [new guide](#) “**Modifying LANDFIRE Geospatial Data for Local Applications**” introduction LANDFIRE products, explains where and how to look for common problems with the data, and offers guidance on how to complete common modification tasks. It is a useful resource for anyone working with these data, but especially helpful for those who need to refine them for local application.

## Blog Post: Cheatgrass

**Cheatgrass:** The Cool Green Science [blog post](#) “Attacking Invasive Cheatgrass at the Root” talks about work supported by **The Nature Conservancy’s** Washington chapter on using **soil microbes** to manage cheatgrass. The microbes **inhibit growth of the root system** of the grass, allowing native species to compete and re-establish.

## Jobs: Fire Modules

**Fire Modules:** **Wildland Restoration International** has **about 20 positions** open. These include **FFT1, FFT2, SRB** and module lead positions, with both year-round and seasonal positions in Florida, and three seasonal modules in Georgia, Virginia and South Carolina (including work in FLN landscapes). Visit <http://wildlandrestoration.org/employment> for details on all positions.

## Webinars

**November 2**

### **Smoke Management Photographic Guide: A Visual Aid for Communicating Smoke Impacts**

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

Lead author Josh Hyde will be the presenter at this Northwest Fire Science Consortium webinar about this recently published [guide](#).

Information: <http://www.nwfirescience.org/events/smoke-management-photographic-guide-visual-aid-communicating-smoke-impacts>

- November 2  
new listing**      **The Wildfire Research (WiRē) Team: Infusing Social Science into Wildfire Education Programs through Collaboration and Systematic Data Collection**  
2:00 Pacific / 3:00 Mountain / 4:00 Central / 5:00 Eastern  
This interdisciplinary research collaboration has developed a household and community level data collection approach that informs wildfire education programs tailored to the unique characteristics of the community and its residents. The systematic data also serve as a baseline to monitor changes in biophysical and social conditions over time, and the social science engages communities in discussions about how to adapt to living in a fire-prone environment.  
Join webinar: <https://nwrs.adobeconnect.com/r5cj5m8qfmw/>
- November 10**      **Fire Adapted Cities: Prescribed Fire Use in Urban & Community Forest Management**  
10:00 Pacific / 11:00 Mountain / noon Central / 1:00 Eastern  
Justice Jones (Austin, TX) and Mike Wharton (Athens, GA) will be the presenters for this webinar hosted by the Southern Regional Extension Forestry and Southern Fire Exchange.  
Info: <http://www.eventbrite.com/e/sfe-webinar-fire-adapted-cities-prescribed-fire-use-in-urban-and-community-forest-management-tickets-27310086203>
- November 15**      **Finding the Best Science Available on Fire Ecology and Fire Regimes in Tallgrass Prairie and Oak Woodland Ecosystems**  
11:00 Pacific / noon Mountain / 1:00 Central / 2:00 Eastern  
Robin Innes and Ilana Abrahamson will be the presenters for this Oak Woodlands & Forests Fire Consortium webinar.  
Information: <http://www.oakfirescience.com/events-webinars-source/2016/7/1/finding-the-best-science-available-on-fire-ecology-and-fire-regimes-in-tallgrass-prairie-and-oak-woodland-ecosystems>
- December 13**      **Insights from 17 Years of Fire Effects Data at Ozark National Scenic Riverways**  
11:00 Pacific / noon Mountain / 1:00 Central / 2:00 Eastern  
Dan Drees will be the presenter for this Oak Woodlands & Forests Fire Consortium webinar.  
Information: <http://www.oakfirescience.com/events-webinars-source/2016/12/13/insights-from-17-years-of-fire-effects-data-at-ozark-national-scenic-riverways>

## FLN and FAC Net Workshops & Field Tours

- November 2-3**      **Central Appalachians FLN / Wintergreen Resort, VA**  
“Bridging the Gap: Managing the Ecological Needs and Social Perceptions of Fire in the Central Appalachians.”
- November 29**      **Georgia Blue Ridge FLN Annual Workshop / Blairsville, GA**  
Information (and RSVP to): Malcolm Hodges ([mhodes@tnc.org](mailto:mhodes@tnc.org))
- December 13  
new listing**      **Southern Blue Ridge Escarpment Landscape / Gorges State Park, NC**  
Partners in this SBR FLN landscape will meet to coordinate plans for the upcoming burn season. They will also hear from Helen Mohr, who recently took part in the Klamath River TRES, and discuss next steps for hosting a TRES in this area.  
Information: Kristen Austin ([kaustin@tnc.org](mailto:kaustin@tnc.org))

**January 24-25, 2017 Potomac Headwaters FLN Landscape Workshop / Frostburg, MD**  
This will be the kick-off workshop for the new Central Appalachians FLN landscape. Save the date—details will be available in the coming months.  
Information: Deborah Landau ([dlandau@tnc.org](mailto:dlandau@tnc.org))

**May 16-18 Southern Blue Ridge FLN Annual Workshop / TBD, GA**  
The theme of the workshop will be “Nature-Based Solutions in the Southern Blue Ridge region”—enhancing resiliency in natural ecosystems and improving diverse wildlife habitats while also mitigating wildland fire risk to people and making wildfire is easier to live with. It will be hosted by the Georgia Blue Ridge Mountains landscape. Further information will be available near the start of the new year.

## FLN Prescribed Fire Training Exchanges (TREX)

**October 17-28 Women in Fire Prescribed Fire Training Exchange / northern California**  
This TREX, open to both women and men, will focus on women’s leadership. The application deadline has passed.

**March 13-25, 2017 Loup Prescribed Fire Training Exchange / central Nebraska**  
Save the date for this annual spring TREX.

## Conferences, Workshops, Training, Etc.

**November 1-4 Longleaf Alliance Biennial Conference / Savannah, GA**  
Info: <http://www.longleafalliance.org/events/11th-biennial-longleaf-conference>

**November 2-6 Society of American Foresters National Convention / Madison, WI**  
Registration is open: <http://www.xcdsystem.com/safconference/website/>

**November 11-13 Society for Ecological Restoration: Linking Science & Practice / Livingston, TX**  
Information: <http://chapter.ser.org/texas/>

**November 14-17 International Smoke Symposium / Long Beach, CA**  
The IAWF and the NWCG SmoC (smoke committee) will be hosting this in-person / virtual symposium.  
Information: <http://www.iawfonline.org/2016SmokeSymposium/>

**Nov. 28–Dec. 2 Southwest Fire Ecology Conference / Tucson, AZ**  
“Beyond Hazardous Fuels: Managing Fire for Social, Economic and Ecological Benefits” is being hosted by AFE and the Southwest Fire Science Consortium.  
Information: <http://swfireconference.org/>

**December 6-8 Wildfire in the Northeast: Meeting the Challenge / Mystic, CT**  
Information: <http://www.northeastwildfire.org/workshop>

**December 7-9 Fire Summit 2016: Changing Fire Regimes / Manhattan, KS**  
This workshop will address the safe use of prescribed fire to preserve prairies and reduce flammable fuel loads in rural areas, how to start a prescribed burning association for landowners, and finding equipment and training to safely conduct prescribed fires. It will also start to build communication between county emergency managers, rural fire fighters, prescribed burning associations, landowners, insurance companies and county commissioners.  
Information: <https://www.eventbrite.com/e/fire-summit-2016-changing-fire-regimes-tickets-27490002337>

**March 26-April 1**  
**new listing**

**Kansas Forest Service Mitigation Project / TBD, KS**

This annual project's goals include fire internship experience for local community college students and training and mentoring opportunities to build capacity within the KFS and local, regional and national partners. Details and the nomination form are in the attached flyer.

**April 25-27**  
**new listing**

**National Cohesive Wildland Fire Management Strategy Workshop**  
**All Hands, All Lands: Implementation Rooted in Science / Reno, NV**

Information: <http://www.iawfonline.org/CohesiveStrategyWorkshop/>

## Send News, Links & Comments

**Lynn Decker** – [ldecker@tnc.org](mailto:ldecker@tnc.org) – Lynn is in the office.

**Guy Duffner** – [gduffner@tnc.org](mailto:gduffner@tnc.org) – Guy is in the office Tuesdays and Fridays (mid-day).

**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 Chama, NM October 26-31; Savannah, GA November 3-5.

**Mary Huffman** – [mhuffman@tnc.org](mailto:mhuffman@tnc.org) – Mary is in Australia October 27-November 10.

**Wendy Fulks** – [wfulks@tnc.org](mailto:wfulks@tnc.org) – Wendy is in the office.

**Liz Rank** (editor) – [lrank@tnc.org](mailto:lrank@tnc.org) – Liz is in the office.

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

## Full Links

News from the Field—AZ: [http://www.naztoday.com/news/flagstaff-combats-wildfire-with-watershed-protection-project/article\\_1273e3c6-852b-11e6-88f0-4f7b37b8a791.html](http://www.naztoday.com/news/flagstaff-combats-wildfire-with-watershed-protection-project/article_1273e3c6-852b-11e6-88f0-4f7b37b8a791.html)

News from the Field—CA—WTREX: <http://fireadaptednetwork.org/women-fire-trex-comes-trinity-county/>  
[https://www.facebook.com/events/1729222430667648/?active\\_tab=discussion](https://www.facebook.com/events/1729222430667648/?active_tab=discussion)

News from the Field—CA—Klamath TREX: <http://ijpr.org/post/fire-training-fire-prone-klamath#stream/0>

News from the Field—CA—CO—NM: [https://ewp.uoregon.edu/sites/ewp.uoregon.edu/files/WP\\_70.pdf](https://ewp.uoregon.edu/sites/ewp.uoregon.edu/files/WP_70.pdf)

News from the Field—NC—Bears: [https://issuu.com/mountainx/docs/10.26.16\\_mx\\_opt](https://issuu.com/mountainx/docs/10.26.16_mx_opt)

Vote—FireUp! for Firewise: <http://www.neighborhoodassist.com/entry/1979157>

Resources—Funding & authorities: [https://static1.squarespace.com/static/562e839ee4b0332955e8143d/t/580a7e19cd0f68a18ed0f2ee/1477082710069/RVCC+Primer\\_Web.pdf](https://static1.squarespace.com/static/562e839ee4b0332955e8143d/t/580a7e19cd0f68a18ed0f2ee/1477082710069/RVCC+Primer_Web.pdf)

Resources—Spot forecast—Training video: <https://www.youtube.com/watch?v=4Or6fITaAHM&feature=youtu.be>

Training slides: [http://www.srh.noaa.gov/ridge2/fire/docs/New\\_SPOT\\_Program\\_training\\_external.pptx](http://www.srh.noaa.gov/ridge2/fire/docs/New_SPOT_Program_training_external.pptx)

Resources—LANDFIRE guide: [https://www.conservationgateway.org/ConservationPractices/FireLandscapes/LANDFIRE/Documents/ModifyingLF\\_DataGuide\\_V1.pdf](https://www.conservationgateway.org/ConservationPractices/FireLandscapes/LANDFIRE/Documents/ModifyingLF_DataGuide_V1.pdf)

Blog Post—Cheatgrass: <http://blog.nature.org/science/2016/09/07/attacking-invasive-cheatgrass-root-soil-microbes-biocontrol-sage/>

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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## Kansas Forest Service Mitigation Project

March 26-April 1, 2017

The 2017 Kansas Forest Service Mitigation Project has been scheduled for the week of March 26-April 1, 2017. Location is TBD at this time. Tentative schedule will be arrival at ICP on Sunday afternoon the 26<sup>th</sup>, with full operational periods Monday through Friday, and demob on Saturday morning April 1st. As it has, since its beginning in 2005, this year's Mitigation project has four main goals, all with the oversight of a Type 3 IMT organization. The first goal will be the project operations including: fuels reduction, line construction, pile burning, and, as conditions allow, prescribed fire during the course of the week. Secondly, our organization will be available for local Initial Attack support as needed and requested. The third goal is to provide a hands-on wildland fire internship experience for students in the Hutchinson Community College Fire Science program. And our 4<sup>th</sup> goal is to, thru mentoring and training opportunities, build the capacity for wildland and incident management qualifications and experience within the KFS, as well as our local, regional, and national partners.

To meet these goals, we are looking to staff a Type 3 IMT, up to two Type 2 hand crews, and up to six Type 4/5/6 engines, based on available staff and budget. For this 2017 project we will fill each and every position from FFT1 up thru ICT3 with fully qualified individuals. See table below for list of qualified and trainee positions that we are seeking. For those individual assisting us in a fully qualified role we will provide stipend reimbursement for hours worked. Each person will be paid at the rate for the role they are filling within the KFS Mitigation Project organization. NWCG AD rates for 2016 will be the document used to establish the pay rates for this incident. We will have three important exceptions to the standard national fire dispatch pay procedures. First, we will not be able to pay travel expenses or time for travel. All pay will begin at check-in and conclude at demob. Secondly, KFS will not authorize any reimbursement for back-fill. Third, current KFS permanent and temporary employees will be paid at the rate listed in their hiring appointment documentation. NOTE: Pay for this project is provided as a stipend or one-time contractual payment. Participants will receive a 1099 form, not a W2 from the State of Kansas for income tax purposes and no taxes will be withheld up front.

In addition to the fully qualified roles that will be needed to safely conduct the planned operations, we will accept trainees for the positions listed in the table below. Trainee positions will not receive a stipend payment and will be charged \$200 to cover food and lodging costs. **While we look for experienced, knowledgeable, and professional personnel in all roles we also are seeking personnel with a strong desire to be a mentor and example of the wildland fire service/incident management community to all involved, especially to the HCC students.**

The event is run as a Type 3 incident in a fire camp setting. This is a great opportunity for those wishing to gain experience with this type of incident, as well as an opportunity to work in grassland and hardwood timber fuels types. If you and/or your staff wish to participate, please submit a copy of the attached nomination form (pre-filled for your convenience). PLEASE include both full qualifications, and any trainee positions you/they would like to be considered for. We anticipate selecting and inviting overhead and trainees by mid-December for those who have to request leave by the end of the calendar year. Any requests or nominations after that time will be considered, but preferred positions may already be filled.

If you know of anyone wishing to participate, or desiring trainee opportunities in any of these positions, please feel free to share this information with them. If you have questions, please let me know. Please return nomination forms to me at [hartmanj@ksu.edu](mailto:hartmanj@ksu.edu), or fax to 785-532-3305 attention Jason.

**Table of Qualifications for KFS Mitigation Project 2016 Announcement**

Position	NWCG Qualifications Accepted	Notes/All-Hazard Qualifications Accepted	Trainees Accepted
SOFR	SOF1, SOF2, SOFR	Yes	Yes
PIO	PIO1, PIO2, PIOF	Yes	Yes
RXB2	N/A see notes	Only looking for trainee, qualified role filled by KFS Staff.	Yes
PSC3	PSC1, PSC2, PSC3, RESL, DMOB, SITL, or DOCL	Yes	Yes
Training Specialist	TNSP, TNSP(t), TBD by KFS Staff	No	Yes
LSC3	LSC1, LSC2, SUBD, SVBD, FACL, SPUL, GSUL	Only looking for trainee and/or subordinate staff, qualified role filled by KFS Staff.	Yes
FSC3	FSC1, FSC2, any FS Unit Leader position	Yes	Yes
DIVS	DIVS, TFLD, STCR, STEN	Yes	Yes
TFLD/Strike Team	TFLD, STEN, STCR	Yes	Yes
Single Resource Boss	CRWB, ENGB, FIRB	No	Yes
Squad Boss	FFT1	No	Yes
Firefighter	FFT2	No	HCC Fire Science Students

\* Additional positions may be added to some sections as needed.

**We may add qualified and trainee roles in subordinate Planning, Logistics, or Finance Section positions such as RESL, SCKN, GISS, DOCL, BCMG, EQPM, COML, EQTR, PTRC, COST, etc.**

This list is for example purposes and should not imply that we will or can fill these positions at a qualified or trainee level. Nor should it be considered the only additional positions we will be interested in. **If interested in working in a position not mentioned in the table above, please contact KFS Fire Staff to discuss if that position will or could be filled.**

## NWCG INTERAGENCY TRAINING NOMINATION

### Kansas Forest Service Mitigation Project 2017

Course Number N/A	Course Name <b>Mitigation 2017</b>	PRIORITY ____ of ____
IQCS Session Number	Course Location TBD, Kansas	Course Date(s) 3/26 – 4/1/2017
Course Tuition (if required)	Course Coordinator Name (First Last) Jason Hartman	Course Coordinator Phone Number 785-532-3316
Course Coordinator E-Mail hartmanj@ksu.edu	Course Coordinator FAX Number 785-532-3305	Date Submitted
Employee's IQCS ID Number:		
Nominee's Name (First MI Last)		
Working Job Title		E-Mail
Agency Name		Fax
Home Unit	Nominee's Mailing Address (if different)	
Street	Street	
City	State	City State
Zip	Telephone	Zip Telephone
List training completed and dates pertinent to this course:		
List your past qualifications pertinent to this course:		
Nominee's Signature: (I will notify the Unit Training Representative if I am unable to attend.)		
Supervisor's Signature (I certify the nominee meets the prerequisites, or if not met I will put the reasons for attending the course in Remarks.)		
Remarks:		