

# FLN Networker No. 153: March 5, 2014

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*The FLN Networker is a publication of the Fire Learning Network—a partnership of the USDA Forest Service, Department of the Interior (BIA, BLM, National Park Service, US Fish & Wildlife Service) and The Nature Conservancy—intended to foster communication within the network and among its friends. Submit comments, links 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

**California:** The [four-minute video](#) “**Fall Burning in Orleans 2013**” was filmed by **Stormy Staats** and **Larry Luckham** during last fall’s **prescribed fire training exchange** hosted by the **FLN** and **Northern California Prescribed Fire Council**. It highlights a burn near Orleans, a **Fire Adapted Communities Learning Network** pilot community, featuring **interviews** with landowner **John Martin**.

**California:** **FireScape Mendocino** held its **second workshop** last month. The field trip highlighted the challenges of starting projects with short-term funds, without long-term maintenance plans, using a plantation site of “Penny Pines” as an example. In the Penny Pines program, school children have donate pennies to plant conifers in California national forests following disturbances—enough to provide 27 million seedlings since 1941. Unfortunately, insufficient funding for maintenance has created dense stands that now present a hazardous fire situation. Participants in FireScape Mendocino are working ensure that their projects will be resilient to financing challenges. For more information, contact **Rick Mowery** ([rmowery@fs.fed.us](mailto:rmowery@fs.fed.us)).

**California:** Last week the **Western Klamath Mountains FLN** completed its **fifth workshop** in the series designed to **collaboratively set priorities** for areas in the Klamath and Six Rivers National Forests. The Forest Service, National Forest Foundation and others are supporting concurrent GIS-based **treatment prioritization** modelling by the Karuk Tribe and others. Together, these efforts will highlight areas where treatments on both Forest Service and private lands would meet **multiple objectives**, such as treatments in traditional food-gathering areas would meet Tribal objectives for food security and reduce fuel loads as well. For more information, contact **Will Harling** ([will@mkwc.org](mailto:will@mkwc.org)) or **Bill Tripp** ([btripp@karuk.us](mailto:btripp@karuk.us)).

**Georgia:** According to **Mike Brod** ([mbrod@fs.fed.us](mailto:mbrod@fs.fed.us)), last Wednesday “was a **monumental day for mountain burning** in Georgia. We had **two 2,000-acre conservation burns** going simultaneously on this district, about five air miles from each other. No telling how many [press releases](#), radio interviews and personal visits we have done over the past two weeks. Smoke dispersion was beautiful, fire effects were beautiful, interagency cooperation was beautiful, and PR was beautiful.

**Tallulah Gorge** burnt amazingly, and **Nathan Klaus** did an excellent job as burn boss. This unit has had three fires in past seven years—it just **keeps getting better**. We are **revitalizing the pyrogenic culture** in the mountains.” Mike adds that thanks are due to all partners in this landscape, especially the **Georgia Department of Natural Resources**, **Georgia Forestry Commission** and **The Nature Conservancy**.

**Iowa:** Fire partners in the **Loess Hills** held their **quarterly meeting** last week. In spite of the relentless cold, turnout was good, with **19 partners** turning out to **coordinate for the spring burn season**, plan **cooperative burns**, and share information about upcoming trainings. Also on the agenda was a **farewell** to the Conservancy’s Loess Hills fire coordinator, **Kyle Lapham** ([klapham@tnc.org](mailto:klapham@tnc.org)); Kyle is starting with the Conservancy’s **Arkansas chapter** this week (where he’ll be working with McRee Anderson).

**North Carolina:** Twenty-two practitioners from 14 state, federal and NGO partners met recently to review a **restoration needs analysis** developed by Conservancy staff and determine approximate **acreages in need of treatment** (and **realistic treatment goals**) needed to restore sustainable forest vegetation structure and composition for **six forested systems**. This work will span the North Carolina portion of the Southern Blue Ridge, beginning with 1.1 million acres of land under Forest Service ownership. For more information, see the **webinar** listings below, or contact **Megan Sutton** ([msutton@tnc.org](mailto:msutton@tnc.org)).

**Oregon:** An **interview** with **Kerry Metlin** and **Marty Main** about the **Ashland Forest Resiliency Project** ran on Jefferson Public Radio last week. This **collaborative, cross-boundary work**—supported in part by **Scaling-up to Promote Ecosystem Resiliency** funds—is aimed at protecting the city’s water supply, as well as significant habitat and recreational values. During the interview, Kerry and Marty talk about some of the **give and take** needed when **managing for multiple objectives** across a landscape. For more on the AFR project, contact **Darren Borgias** ([dborgias@tnc.org](mailto:dborgias@tnc.org)).

**Virginia (and beyond):** The **Central Appalachians FLN Monitoring Working Group** recently held a **webinar** to work through **exercises on reporting and analyzing data** in the FEAT/FIREMON Integrated (FFI) database. Staff from **The Nature Conservancy** and the **George Washington and Jefferson NFs** have **built a shared database** in FFI for forest structure and composition monitoring data collected from controlled burns—“a **critical component of our adaptive management** framework,” according to **Marek Smith**.

In the webinar, FFI project lead **Duncan Lutes** (Rocky Mountain Research Station Fire Sciences Lab) facilitated the group’s work through six exercises to summarize metrics such as canopy cover and seedling densities, illustrate the **importance of SMART objectives**, and evaluate **statistical significance** of results. The exercises were designed using specific queries from collaboratively-developed monitoring objectives and indicators. Another webinar is planned for those who could not attend. For more information, contact **Nikole Swaney** ([nswaney@tnc.org](mailto:nswaney@tnc.org), (540) 839-3599).

## Funding: CSU Database / FAC Mitigation Funding

**CSU Database:** The **Colorado State Forest Service** hosts a **database** of **natural resources grants and assistance programs**; while many are specific to Colorado, others cover wider geographic areas. (The database is not compatible with older versions of Internet Explorer; if the program list doesn’t appear under the list of categories, try using Firefox or Chrome. Note that TIS asks that you download these directly from the vendor, [Mozilla](#) or [Google](#), rather than through a third party site.)

**FAC Mitigation Funding:** The website **fireadapted.org** has a **grants and funding page** with links to various potential sources of funding for community **wildfire mitigation work**. Included is information about FEMA Fire Prevention and Safety grants, the Hazard Mitigation Grant Program, assistance under the National Fire Plan, and a directory of state resources.

## Resources: Birds & Burns / Firewise Starter Kit

**Burns & Birds:** For those working in **dry mixed conifer forests**, the **Forest Service Birds & Burns Network** may provide useful information (or contacts). Target species are mainly cavity nesting birds, which serve as **indicator species**.

**Firewise Starter Kit:** A **new edition** of the **Getting Started with Firewise Kit** is now available from NFPA.

## Articles: Risk Management & WUI Fires / Bats

**Risk Management:** The [article](#) “How **Risk Management Can Prevent Future Wildfire Disasters** in the Wildland-Urban Interface” proposes the need to **change the perception** of WUI fire disasters from a **wildfire control problem to a home ignition problem**. “If our problem statement is defined as keeping wildfire out of the WUI, it is unobtainable, and large wildfires and residential disasters will continue.... By contrast, if the problem is identified as home ignition, mitigation of the [home ignition zone] is the most cost-effective investment for reducing home destruction.”

**Bats:** The winter issue of *Bats Magazine* has a [story](#) with preliminary results from a study on how bats are **using the Wallow Fire zone**.

## In the News: More Fire / Reduce Wildfire Risk

**More Fire:** Articles about “**Fostering Resilience in Southwestern Ecosystems: A Problem-Solving Workshop**” held recently by the **Southwest Fire Science Consortium** ran in both the *Santa Fe New Mexican* (“Experts Debate Challenges of Adapting to Wildfires” ([link](#))) and the *Arizona Daily Star* (“**The Answer to Forest-Destroying Fires is More Fire**, Researchers Say” ([link](#))). Anne Bradley noted that “the press picked up on our point that we need more fire to prevent bad fires. They did a good job of communicating that message.”

**Reduce Wildfire Risk:** Central Oregon station KTVZ [reported on](#) a **public opinion survey** conducted on behalf of the Oregon Forest Resources Institute (working with the Deschutes Collaborative Forest Project). The **top priority** among those polled was to “**manage forests to reduce high-severity wildfire risk**,” with thinning and burning treatments receiving high approval scores.

## Jobs: Admin Assistant / Project Director / Longleaf Restoration Director

**Admin Assistant:** The **Watershed Research and Training Center** is seeking a **full-time administrative assistant**. Information and applications can be found at [www.thewatershedcenter.com](http://www.thewatershedcenter.com); apply by **March 21**.

**Project Director:** The Iowa chapter of **The Nature Conservancy** is hiring a **Lower Cedar project director**. Details are at <https://careers.nature.org/> (search job ID 41915); apply by **March 21**. (Current Conservancy staff should apply through PeopleSoft.)

**Longleaf Restoration Director:** The **Conservancy's** North Carolina chapter is seeking a project director to develop and implement strategies related to **terrestrial and aquatic restoration**, fire and timber management, and habitat conservation at the **whole-system scale**. Details are at <https://careers.nature.org/> (search job ID 41943); applications are due by **March 21**. (Conservancy staff should apply through PeopleSoft.)

## Just for Fun: Old School

**Old School:** Forget the phone camera ... painter **Philip Juras** did much better, capturing the **controlled burn** at **Tallulah Gorge** last week (see the News from the Field section, above) in a [set of images painted on the scene](#).

## Webinars

**March 12**

### **MTBS Applications in the South**

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

In this Southern Fire Exchange webinar, Josh Picotte (USGS) will provide an introduction to the Monitoring Trends in Burn Severity (MTBS) dataset, and a discussion of MTBS data applications in the South.

Log on: <https://ufifas.adobeconnect.com/a1048984014/r4cpquc0v84/>

**March 24**  
**new listing**

### **Southern Blue Ridge Restoration Needs Analysis**

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

In this **SBR FLN** webinar, Marissa Ponder will present a new restoration needs analysis that will help partnering agencies—including the Forest Service as it revises the Nantahala and Pisgah National Forest Land Management Plan—set restoration goals and objectives. This analysis hinges on the Ecological Departure Analysis that Josh Kelly (WNC Alliance) performed on the Nantahala/Pisgah National Forest Proclamation Boundary in North Carolina, and refines it further spatially.

Background info: <https://www.conservationgateway.org/ConservationPractices/FireLandscapes/FireLearningNetwork/NetworkProducts/Pages/SBR-Rest-Need.aspx>

Add to calendar: <https://nethope.webex.com/nethope/j.php?MTID=mc014d286c42812725d92f5153ff5934d>

Log on: <https://nethope.webex.com/nethope/j.php?MTID=m33b681f7857ea1726aa28968652b21b4>

**April 2**

### **Basic Smoke Management Practices**

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

In this Southern Fire Exchange offering, Pete Lahm (USFS Fire Weather and Air Quality Specialist) will discuss the development of basic smoke management practices for prescribed burners.

Log on: <https://ufifas.adobeconnect.com/a1048984014/r7ii07e2xa1/>

**April 2**  
**corrected date**

### **LANDFIRE: Customizing Data**

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

In this final webinar of a three-part series hosted by the Northwest Fire Science Consortium, Kori Blankenship will look at the methodology involved in modifying LANDFIRE data for local conditions and specific needs.

Register: <http://nwfirescience.org/content/winter-2014-webinar-customizing-data>

**April 9**  
**new listing**

### **Predicting Local Smoke Dispersion during Low-Intensity Wildland Fires in Forested Environments**

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

Warren Heilman will present this JSFP / IAWF / Wildland Fire LLC webinar.

Information: <https://www1.gotomeeting.com/register/463246376>

**April 17**  
**new listing**

### **GIS Migration from Desktop to Web**

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

In this Southern Fire Exchange webinar, Justin Shedd will discuss natural resource management examples and lessons from moving GIS applications from the desktop environment to a web platform.

Log on: <https://ufifas.adobeconnect.com/a1048984014/r6r7ew5iz58/>

## FLN Workshops

- March 4-5** **Washington Prescribed Fire Council Conference / Olympia, WA**  
Information: <http://www.waprescribedfire.org/Conferences.html>
- April 15-17** **Klamath Fire Ecology Symposium / Orleans, CA**  
**registration open** The fourth Klamath fire symposium will focus on the nexus between fire science and fire management in the Western Klamath Mountains, and how it relates to people and place.  
Information: <http://www.mkwc.org/programs/fire-fuels/klamath-fire-ecology-symposium/>
- May 20-22** **Southern Blue Ridge FLN / Cashiers, NC**  
A draft agenda for this regional workshop will be available shortly.  
Information: **Margit Bucher** ([mbucher@tnc.org](mailto:mbucher@tnc.org)) or **Beth Buchanan** ([bbuchanan@fs.fed.us](mailto:bbuchanan@fs.fed.us))

## Training, Conferences & Workshops

- March 6** **New Hampshire Prescribed Fire Council Quarterly Meeting / Campton, NH**  
The meeting, held at the White Mountain NF HQ, will include pre-burn season coordination, discussion of public awareness activities, planned local training needs and priorities, opportunities for private and municipal use of Rx fire and resource needs and opportunities.  
Information: <http://extension.unh.edu/New-Hampshire-Prescribed-Fire-Council> or **Zack Boyajian** ([zachary.l.boyajian.nfg@mail.mil](mailto:zachary.l.boyajian.nfg@mail.mil))
- March 17-19** **2014 Wildland-Urban Interface Conference / Reno, NV**  
This conference, hosted by the International Association of Fire Chiefs, will offer a range of sessions (and pre-conference courses) on various wildfire and WUI topics, including one on building a fire adapted community by a lead of the Towns County, GA Fire Adapted Community Learning Network hub organization.  
Information: <http://www.iafc.org/wui>
- March 25, 26 or 27** **CRP and Grassland Prescribed Fire Planning Workshops / various, SD**  
**new listing** Three one-day workshops for landowners and agency staff are being offered by SDSU Extension, NRCS, Pheasants Forever, Prairie Coteau Habitat Partnership, The Nature Conservancy and the Great Plains Fire Science Consortium. They will be held in Winner (March 25), Rapid City (26) and Lemmon (27).  
Info: see attached flyer or contact **Pete Bauman** ([peter.bauman@sdstate.edu](mailto:peter.bauman@sdstate.edu))
- April 8-10** **Oregon Prescribed Fire Council / Bend, OR**  
The first meeting of this new prescribed fire council will be held in conjunction with the Central Oregon Fire Science Symposium at OSU. Rx310 Fire Effects will be offered that week as well.  
Info: [oregonrxfirecouncil@gmail.com](mailto:oregonrxfirecouncil@gmail.com) or <http://centraloregonfiresymposium.org/>
- April 16-17** **Colorado Wildland Fire Conference: The True Cost of Wildfire / Glenwood Springs, CO**  
Save the date for this conference for planners, elected officials and municipal managers for the Colorado Western Slope, eastern Utah and southern Wyoming.  
Information: see the [save-the-date "postcard"](#)

- April 25-27**                    **Wildland Fire Litigation Conference / Monterey, CA**  
Information: <http://www.wildlandfirelitigation.com/>
- April 30-May 1**                **Relationships between Fire Management and Quality of Foraging Habitat for Bats: A Workshop for Scientists and Managers / Mammoth Cave NP, KY**  
This workshop will feature a synthesis of JFSP research on the topic  
Information: CAFMS newsletter attached to [FLN Networker issue 148](#)
- May 19-23**  
**deadline**                        **Large Wildland Fires: Social, Political & Ecological Effects / Missoula, MT**  
This conference will be co-hosted by the Association for Fire Ecology and the International Association of Wildland Fire. Nominations for various awards are due March 14.  
Information: <http://largefireconference.org/>

## Send News, Links & Comments

- Lynn Decker** – [ldecker@tnc.org](mailto:ldecker@tnc.org) – Lynn is in Boise March 13, Klamath Mts. March 16-20.
- Jeremy Bailey** – [jeremy\\_bailey@tnc.org](mailto:jeremy_bailey@tnc.org) – Jeremy is in Nebraska March 7-18.
- Wendy Fulks** – [wfulks@tnc.org](mailto:wfulks@tnc.org) – Wendy is in Reno March 17-19.
- Mary Huffman** – [mhuffman@tnc.org](mailto:mhuffman@tnc.org) – Mary is in the Klamath Mts. March 16-20.
- Heather Montanye** – [hmontanye@tnc.org](mailto:hmontanye@tnc.org) – Heather is in the office.
- Guy Duffner** – [gduffner@tnc.org](mailto:gduffner@tnc.org) – Guy is in Nebraska March 7-24.
- Liz Rank** (Networker Editor) – [lrnk@tnc.org](mailto:lrnk@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—CA—Orleans TREX video: <http://www.youtube.com/watch?v=l6mFZyDqtJE&feature=youtu.be>
- News from the Field—OR—Ashland interview: <http://ijpr.org/post/fixing-forest-long-term>
- Funding—Colorado State Forest Service database: <http://nrdb.csfs.colostate.edu/Home/Search>  
Mozilla Firefox: <http://www.mozilla.org/en-US/firefox/new/>  
Google Chrome: [www.google.com/chrome](http://www.google.com/chrome)
- Funding—FAC mitigation: <http://www.fireadapted.org/resources/funding-opportunities.aspx>
- Resources—Birds & Burns Network: <http://www.fs.fed.us/rm/wildlife-terrestrial/birds-burns/>
- Resources—Firewise kit: <http://www.nfpa.org/catalog/product.asp?title=&category%5Fname=&pid=FWC21613&target%5Fpid=FWC21613&src%5Fpid=&link%5Ftype=search&icid=&Page=1>
- Articles—Risk mgmt. & WUI: [http://gallery.mailchimp.com/2263fe298f4df255d22b80097/files/Risk\\_Management.pdf](http://gallery.mailchimp.com/2263fe298f4df255d22b80097/files/Risk_Management.pdf)
- Articles—Bats: <http://batcon.org/index.php/media-and-info/bats-archives.html?task=viewArticle&magArticleID=1154>
- In the News—More fire—Santa Fe paper: [http://www.santafenewmexican.com/news/local\\_news/scientists-land-managers-debate-how-to-adapt-to-wildfires/article\\_6b3f908a-b85f-530d-b28b-cf2229e56c9.html](http://www.santafenewmexican.com/news/local_news/scientists-land-managers-debate-how-to-adapt-to-wildfires/article_6b3f908a-b85f-530d-b28b-cf2229e56c9.html)  
Arizona paper: [http://azstarnet.com/news/science/the-answer-to-forest-destroying-fires-is-more-fire-researchers/article\\_7e783c61-1427-5610-a5db-37a7ddc8bc1f.html](http://azstarnet.com/news/science/the-answer-to-forest-destroying-fires-is-more-fire-researchers/article_7e783c61-1427-5610-a5db-37a7ddc8bc1f.html)
- In the News—Reduce wildfire risk: <http://www.ktvz.com/news/survey-cutting-wildfire-risk-top-co-forest-priority/-/413192/24562862/-/5sxnmkz/-/index.html>
- Just for fun—Paintings: <http://www.philipjuras.com/2014-2011.htm>
- Training, etc.—Colorado Wildland Fire Conference postcard: <http://us5.campaign-archive2.com/?u=2263fe298f4df255d22b80097&id=eb783750ff&e=06d744032b>

The Fire Learning Network is supported by *Promoting Ecosystem Resiliency through Collaboration: Landscapes, Learning and Restoration*, a cooperative agreement between The Nature Conservancy, USDA Forest Service and agencies of the Department of the Interior.

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# 2014 CRP and Grassland Prescribed Fire Planning Workshops - Agenda

8:30	Registration
9:00	Workshop and Instructor Introductions
9:15	FSA and NRCS Rules and Updates
9:30	NRCS Prescribed Burn Planning Standards
10:00	SD Laws and Regulations Overview
10:30	Uses and Benefits of Prescribed Fire for Grassland Management
11:00	Firebreak Preparation and Fire Behavior
Noon	Lunch (on your own)
1 pm	Interior/Exterior Hazards and Mitigation
1:30	Weather Patterns and Planning
3:00	Fire Tools Resources
3:30	Go / No Go decisions, Contacts, Post-burn Activities, Security, Mop-up
4:00	Planning and Mapping Guidance, Plan YOUR fire, Examples from Group
5:00	Adjourn

**Winner: March 25:** SDSU Regional Extension Center, 325 S. Monroe St., Winner

**Rapid City: March 26:** SDSU West River Ag Center, 1905 Plaza Blvd., Rapid

**Lemmon, March 27:** Lemmon Fire Hall, Main Ave and 4<sup>th</sup> St E., Lemmon

**8:30 AM - 5:00 PM at all locations (1 hr. lunch break on your own)**

## FREE WORKSHOP

Expert advice on **YOUR** burn projects.....**bring your maps along!!!!!!** (bring paper maps or maps on a data stick so we can view on screen with group)

