

SRFSN E-Newsletter: Issue 21

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### **JFSP Awards Support Graduate Research in Fire Science**

Do you GRIN when you see a promising and innovative student in fire science? Read [here](#) to find out more about the JFSP Graduate Research Innovation Award Program!

### **"Shortgrass Prairie and Fire" Webinar Now Posted!**

Click [here](#) to view research and implications on Rx fire effects on grazing patterns and wildlife. This webinar was a collaborative effort between SRFSN, Great Plains Fire Science Exchange, and the Agriculture Research Station.

### **CO Dept of Natural Resources Grant Program**

**Deadline Aug. 8th**

The Colorado Dept. of Natural Resources is accepting [applications](#) for a third round of awards under the Wildfire Risk Reduction Grant Program. This phase will provide up to 3.5 million for activities to reduce the risk of fire in the WUI.

## **Events and Webinars**

**NFPA Webinar:** "Choosing the Right Mulch for WUI Homes" with Dr. Steven Quarles. Limited to first 100 registrants. Webinar will also be archived. Read info and register [here](#).

**When:** August 19, 2014 2:000 - 3:00 MDT

**Contact:** [cprudhomme@nfpa.org](mailto:cprudhomme@nfpa.org)

### **Lory State Park Post-Fire Ecology Tour**

"Mini-Tour" will focus on effects of the recent High Park and Galena fires as well as collaborative restoration efforts and local fire history. Watch SRFSN E-News for more information.

**When:** September 20, 2014, 9:00 am - 1:00 pm

### **Black Hills Post-Rx Fire Ecology Tour**

SRFSN and Black Hills SAF will be hosting a site tour of post-Rx fire sites reviewing ecology and management implications. Look for registration details in future e-news!

**When:** September 25, 2014

**Where:** Black Hills National Forest/  
Rapid City

**Contact:**

gloria.edwards@colostate.edu;  
bwudtke@hills.net

### **State and Transition Simulation Modeling Conference**

Users of landscape STSM tools come together for a wide variety of land management modeling including fuels planning.

**When:** September 16-18

**Where:** Fort Collins, CO

**Contact:** Early [registration](#) now open

**Where:** Lory State Park Soldier  
Canyon picnic area

**Contact:** [dnr\\_loryinterp@state.co.us](mailto:dnr_loryinterp@state.co.us)

### **Rangeland Vegetation Simulator User Needs Workshop**

Participants will be guided through questions reviewing the current system design and identifying key functions, inputs and outputs for the RVS.

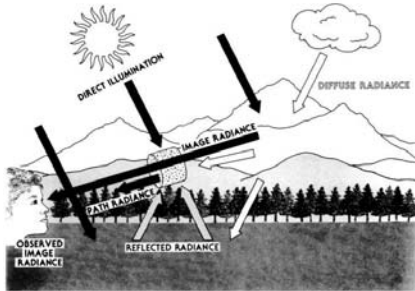
Workshop participants will include users such as land managers, analysts and decision makers as well as rangeland and FVS experts.

**When:** September 19<sup>th</sup> 8:00 - 4:30

**Where:** RMRS Headquarters, Fort  
Collins, CO

**Contact:** Matt Reeves

[mreeves@fs.fed.us](mailto:mreeves@fs.fed.us) by August 31, 2014



## **Research**

[Data analysis and Literature Review](#) of Perceived Visual Air Quality: alternatives to current methods and implications for health: 3 featured documents

[JFSP study: New calculations on Wildfire Safety Zones](#) using vegetation height vs. flame height (preliminary results). Studies imply that the current safety zone guidelines underestimate "safe separation distance" in some situations and that the

effect of convective heating on SSD should be considered.

Patch-burn grazing effects on cattle performance: [Research](#) conducted in a working Nebraska landscape (Stephen Winter et al.). Results indicate that land managers may effectively combine grazing and wildfire objectives.

[Fire behavior in masticated fuels: A review](#) (JK Keyre et al).. Fire behavior and fuels characteristics from across the US were reviewed in an ecosystem context.

[Large Wildfire Trends in the Western United States](#), 1984-2011 (PE Dennison et al.). Findings indicate that total fire area is trending higher for all nine eco-regions studied, at a combined rate of 355 km<sup>2</sup> per year.

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## News and Resources



*Some "scrub oak" (Quercus gambelii) found in southern Utah!  
Photo source Kevin Heaton and  
Darren McAvoy, Utah State  
University Extension.*

New videos explain the National Cohesive Strategy:

[The Importance of the Cohesive Strategy](#) with Jim Douglas, Office of Wildland Fire

[The Implementation of the Cohesive Strategy](#) with Tom Harbour, USFS Director of Fire and Aviation

[TNC Supports the National Cohesive Wildland Fire Management Strategy](#)

Stephen Pyne writes "[Burn Baby Burn](#)" for Slate zine : "U.S. Wildfire policy is muddled mashup, but best we've got".

[Campaign](#) launched to shift forest firefighting costs.

From the Fire Learning Network: You too can use the word "[bandicoot](#)" when talking wildfire -little marsupials play big part in shaping Australian brushfires.

[Radio interview](#) (www.kmtsaudio.com) on wildfire and the wildland urban interface with Glenwood Springs Fire Marshall Ron Biggers.

[Austin Fire Dept and FAC](#) uses Disney's " Planes, Fire and Rescue" for outreach and education!

### ***Have You Bear-Hugged Your Firefighter Today?***



#### **Contact Us**

Questions, comments, concerns, research?  
Contact Gloria Edwards, Coordinator  
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