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Check out our Summer 2014 Newsletter! Lots of great information...
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Events in the Southwest

Field Trips:

Disturbance history in the Pinaleno Mountains of Arizona, August 21, 2014. For details or to register, [click here](#).

Workshops:

[Wildland fire smoke in the sky: What does it mean to me?](#) An interactive workshop targeting professionals and the public. Nov 6-8, 2014 in Albuquerque, NM. **Program coming soon!**

Fire related Conferences:

[Wildland Fire Canada](#), October 7-9, 2014 in Halifax, Nova Scotia.

[Society for Ecological Restoration- Texas and Southwest Chapters](#). October 17-19, 2014 in Alpine, Texas.

Greetings <<First Name>>!

SUMMER 2014 NEWSLETTER

Featured Note

The Slide Fire- Oak Creek Canyon, Arizona

by Barb Satink Wolfson, SWFSC Coordinator

Oak Creek Canyon is known for its rugged beauty and the water that runs through it. For these reasons, it is a recreation hot spot, especially during the summer when lower elevations are unbearable. In recent decades, fire managers saw the potential danger of fire in the canyon and planned for it. When the Slide Fire started the afternoon of May 20th, fire managers dealt with immediate issues such as evacuation, and resource and structure protection. With help from pre-planning, they also chose a "confine and contain" strategy. In Oak Creek Canyon, the topography is such that under most circumstances, direct attack within the canyon is not a viable option. Crews chose boundaries in areas where stopping the fire was feasible, like on the rim, using existing roadways where fuel treatments or timber sales had occurred. This strategy not only improved firefighter safety, but allowed for beneficial fire to burn out the fuel leading up to the fire line. In these areas, the fire behaved more like a prescribed fire, which will improve overall forest health and safety for surrounding communities.

The SWFSC recently held a field trip to the Slide Fire. Here are links to some of the materials available:

[Slide Fire Virtual Field Trip](#)

[Slide Fire Factsheet](#)

[Slide Fire Field Trip information page on the SWFSC website](#)

SWFSC will be funding the fire related conference field trips! (More info to follow)

New (and old) Publications

-- "[Managing Naturally Ignited Wildland Fire to Meet Fuel Reduction and Restoration Goals in Frequent-Fire Forests.](#)" Sensibaugh and Huffman, April 2014.

-- "[Introduction to H. Weaver's Article.](#)" van Wagtendonk, 2014 and republishing of Weaver 1943.

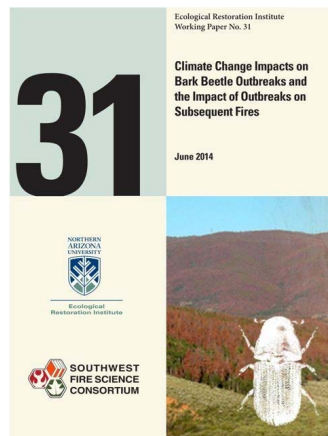
-- "[Burn, baby, burn- if we say so.](#)" Pyne, 2014 (slate.com)



This image is near the starting point of the Slide Fire. Photo by Meredith Flannery, Forest Guild Intern.



**SOUTHWEST
FIRE SCIENCE
CONSORTIUM**



Newest publication

["Climate Change Impacts on Bark Beetle Outbreaks and the Impact of Outbreaks on Subsequent Fires."](#)

A few excerpts:



New Research from JFSP

[Critical New Wildland Firefighter Safety Zone Research](#)

The new calculation is based on **vegetation** height rather than **flame** height...

For many years, the



Learning Opportunities

Webinars:

["The National Climate Assessment and Wildland Fire Implications"](#) 1pm MDT Jul 17th.

--"Historically, tree mortality from bark beetles in Southwestern forests is often correlated with drought events. Climate models for the Southwestern U.S. forecast more frequent and severe drought events..."

--"Landscape-level tree mortality from bark beetle epidemics is a concern for land managers in terms of future fire risk and behavior..."

--"However, several recent papers have suggested that the relationship is not as straightforward as first thought..."

Joint Fire Science Program has the funded wildfire safety zone work of Bret Butler, who is a research engineer at the [Missoula Fire Sciences Laboratory](#).

Although results are preliminary and subject to change, this new research should be used to provide an extra margin of safety for all wildland fire personnel.

[CLICK HERE TO READ THE FULL REPORT...](#)

["Collaborative Forest Landscape Restoration Program- Reporting Ecological Outcomes."](#) 12pm MDT July 15th.

Other:

["After Wildfire: A Guide for New Mexico Communities."](#) a great new resource available for the public containing information useful throughout the Southwest.

"Fires of Change," Together with multiple partners, the SWFSC is working to bring art and fire science together! [Click here to read the article.](#)

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- Nice write up on the JFSP GRIN program... Students have come up with some really interesting projects! <http://t.co/C1Nxz16NtH> 9:01AM
- Summer 2014 Newsletter - SW Fire Science - <http://t.co/ksF76XUq4U> 3:20PM
- RT @FireScienceGOV: Critical New Wildland Firefighter Safety Zone Research - <http://t.co/SmDOgaNttU> 9:01AM

Contact us at: swfireconsortium@gmail.com

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