

Planning for the Next Big One: Managing the Postfire Environment in a Time of Change

A Collaborative Workshop

April 16-17, Santa Fe Community College Jemez Rooms, Santa Fe, NM

Workshop contact Anne Bradley, The Nature Conservancy, abradley@tnc.org

Workshop Objectives

- Introduce participants to the concept of a “Burned Area Learning Network”
- Introduce participants to the concept of prefire planning to support postfire actions
- Provide interdisciplinary partners a basic foundation in the existing science, practices, policies and challenges faced by participants in the postfire environment
- Initiate cross disciplinary collaborations to address post-fire watershed condition needs in an integrated manner
- Identify needed science, policy and practice questions that could guide further collaborative activities
- Articulate the relationship between the short and long- term goals in postfire management

Purposes of preplanning guidance/recommendations: Improve scientific understanding, policy, and management practices for burned areas to enhance long-term resilience of ecological systems and provide for human safety.

Proposed objectives of Prefire Planning Guidance/Recommendations:

A. Improve the efficiency and accuracy of short and long-term post-fire risk assessment (= threat x impact) for these factors:

- *Soil loss*
- *Flooding*
- *Debris flow*
- *Sedimentation*
- *Invasive species*
- *Long term vegetative change/type conversion/ potential for revegetation*
- *Identified values (biological, cultural, watershed, economic, etc.)*
- *Safety*

B. Improve inter and intra agency relationships, and develop more cohesive interagency strategies during cross-jurisdictional fires

C. Expand the range of immediate postfire rehabilitation and longer term restoration tools and improve their execution

D. Integrate short term and long term objectives for burned area management

E. Advance our engagement of the public in pre-fire planning for post-fire actions

F. Create an adaptive feedback mechanism to incorporate existing and to effectively integrate new information into prefire planning and postfire actions.

Participant Agenda

April 16, 2015 Day 1	
Time	Activity
7:30-8:00	Coffee and Conversation
8:00-8:15	Welcome & Workshop Overview- Anne Bradley, The Nature Conservancy
8:15-8:30	The Concept of a Burned Area Learning Network-Anne Bradley, The Nature Conservancy
8:30-9:00	Introduction to Preplanning for Postfire action- Marie Rodriguez, Valle Caldera National Preserve-
9:00-11:30	<u>Session: Watershed Assessment Tools</u>
	Introduction to the overall assessment tools section- Lauren Jaramillo, and Mark Stone, University of New Mexico
	Assessment of wildfires – Identifying burned areas and the characterization of burn severity Andi Thode, Northern Arizona University
	Post-wildfire flooding with examples from the Las Conchas fire and some implications on aquatic ecosystems-. Stephen Scissons, US Army Corps of Engineers
	Geochemistry of post-fire ash and runoff, implications to human health, and longevity of that signal in the in the environment.- Danny Katzman, Los Alamos National Lab
9:54-10:10	<u>Break</u>
	<u>Session: Watershed Assessment Tools, continued</u>
	Evaluating potential natural hazard risks – Identifying their potential and magnitude- Jason Kean, US Geological Survey
	Group Discussion on needs and recommendations

11:30-12:30	<u>Session: Improving Inter and Intra Agency Relationships</u>
	Panel Discussion Improving inter and intra- agency relationships- Panelists : Anna Jaramillo, Marie Rodriguez, Valles Caldera Trust, Penny Luehring, USFS, Darryl Martinez, BIA-DOI, Dave Repass, BLM
12:30-1:30	Lunch on your own. Please eat on campus
	<u>Session: Improving Inter and Intra Agency Relationships, continued</u>
	Small Group Discussion to develop needs and recommendations
	Review recommendations
2:45-3:00	Break
3:00-3:45	Las Conchas Fire Case Study and Discussion- interagency coordination and lessons learned from a community perspective- Phoebe Suina Cochiti Pueblo, Tamara Massong, The Massong Group, Santa Clara Pueblo
3:45-4:15	The importance of connecting short and long term outcomes after fire- Pete Robichaud, Rocky Mountain Research Station
4:30-6:00	Pre-dinner Social- Please join us!

April 17, 2015 Day 2	
7:30-8:00	Coffee and Conversation
8:00-8:15	Welcome and recap of Day 1 Don Falk
8:15-10:05	<u>Session: Evaluating long-term upland ecological consequences and managerial options</u>
	Natural post-fire patterns of ecological recovery and potential future trajectories- Colin Haffey, US Geological Survey, and Pepe Iniguez, Rocky Mt. Research Station
	Restoration efforts for land managers using artificial regeneration methods Owen Burney, New Mexico State University and Superintendent, John T. Harrington Forestry Research Center.
	Realities of severe fire and climate warming- Pete Fulé, Northern Arizona University
10:05-10:20	BREAK
	Small Group Discussion to develop needs and recommendations
	Review recommendations
11:35-12:45	LUNCH
12:45-3:05	Advancing community engagement in pre-fire planning for post-fire action
	Lessons learned during the development of www.afterwildfirenm.org - Eliza Kretzman, New Mexico State Forestry Division
	The Fire Adapted Community Network and opportunities to engage the public in prefire planning for postfire action- Eytan Krasilovsky, The Forest Guild
	Engaging the community in postfire rehabilitation- Jonathan Bruno, Coalition for the Upper South Platte

	Panel Discussion with Presenters- Facilitator Mary Stuever, New Mexico State Forestry Division
	Small Group Discussion to develop needs and recommendations
	Review Recommendations developed
3:05-3:30	Break
3:30-4:15	Discussion of Next Steps for the Network – Next logical activities, existing opportunities to connect and learn
4:15-4:30	Participants determine their interest in, and role in a Burned Area Learning Network.
4:30	Workshop Adjourns