

Science & Monitoring (SM) Team

Conference Call #6

January 12, 2010—1:00 to 2:30 PM

Logistics: 1. Online meeting: <https://www2.gotomeeting.com/join/179972387>; Meeting
Password: SM; Meeting ID: 179-972-387
2. Join the conference call:
call 866-852-1588, participant passcode: 516343



Roundtable SM Team Contact List

First				SM (X = Roundtable)
Name	Last Name	Organization	Department	Title
Aaron	Ortega	USFS	Pike – San Isabel	X
Allen	Owen	Colorado State Forest Service	Boulder District	NFRMPB
Bob	Sturtevant	Colorado State University	Colorado Forest Restoration Institute	Extension Forestry Specialist X
Bryan	Martin	Colorado Mountain Club		X
Chuck	Dennis	Colorado State Forest Service		FRFTP State Operations FRWWPWG
Gali	Beh	Beh Management Consulting, Inc.		Front Range Roundtable Facilitator Facilitator
Glenn	Casamassa	US Forest Service, AR	Arapaho and Roosevelt National Forests and Pawnee National Grassland	Forest Supervisor X
Hal	Gibbs	US Forest Service, AR	Arapaho and Roosevelt National Forests and Pawnee National Grassland	Eco Group Leader Leader
Jenny	Briggs	US Geological Survey		Research Ecologist X
Jessica	Clement	Colorado State University	Colorado Forest Restoration Institute	X
Leslie	Ellwood	US Fish and Wildlife Service		Wildlife Biologist X
Michael	McHugh	City of Aurora	Aurora Water	X
Nathan	Williamson	National Park Service		Fire Ecologist X
Phil	Guthrie	Colorado Renewable Resource Cooperative		Consulting Forester X
Tony	Cheng	Colorado State University	Colorado Forest Restoration Institute	X



Science and Monitoring Team Outline

Team Science and Monitoring (SM)

Goals

1. Evaluate progress of forest treatments in the Roundtable's 2006 priority areas.
2. Consider becoming the monitoring body for the USFS's stewardship contract

Work streams

1. Evaluate treatment progress since 2004 against Roundtable priority treatment acres recommended in 2006.
 - Scope: Use GIS data only, no ground truthing
 - Next phase: After completing the above analysis, make the relevant GIS layers publicly available and recommend a process for annual updates
2. Explore becoming the monitoring group for the USFS stewardship contract and conduct response monitoring ¹as part of that role (if don't take that role, revisit conduct response monitoring in some other way)

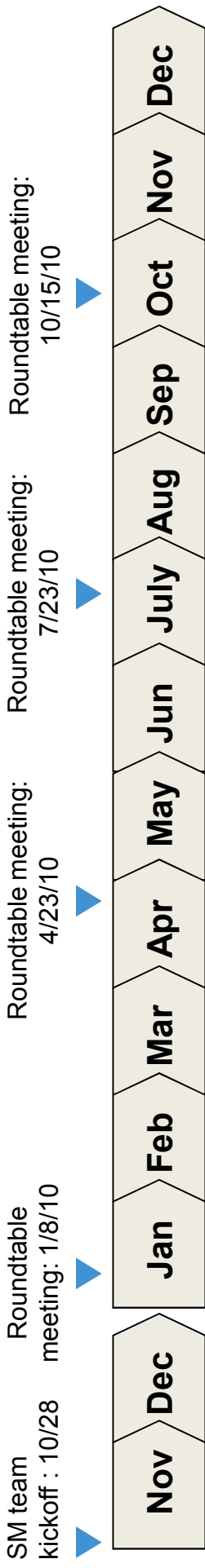
Deliverables

1. Roundtable Monitoring :
 - a. Map of treatments accomplished since 2004; update planned each year for spring Quarterly meetings starting in 2011;
 - b. Tabular estimate of acres treated by county since 2004 (and whether in Roundtable priority areas)
 - c. Recommended process, tool, and budget for long-term GIS data documentation and public availability
2. Stewardship contract: Joint proposal with CFRI to become the monitoring group for the USFS's stewardship contract

1. Three Front Range Forest Collaborative Groups: the Front Range Watershed Wildfire Protection Work Group the Northern Front Range Mountain Pine Beetle Work Group, and the Front Range Roundtable

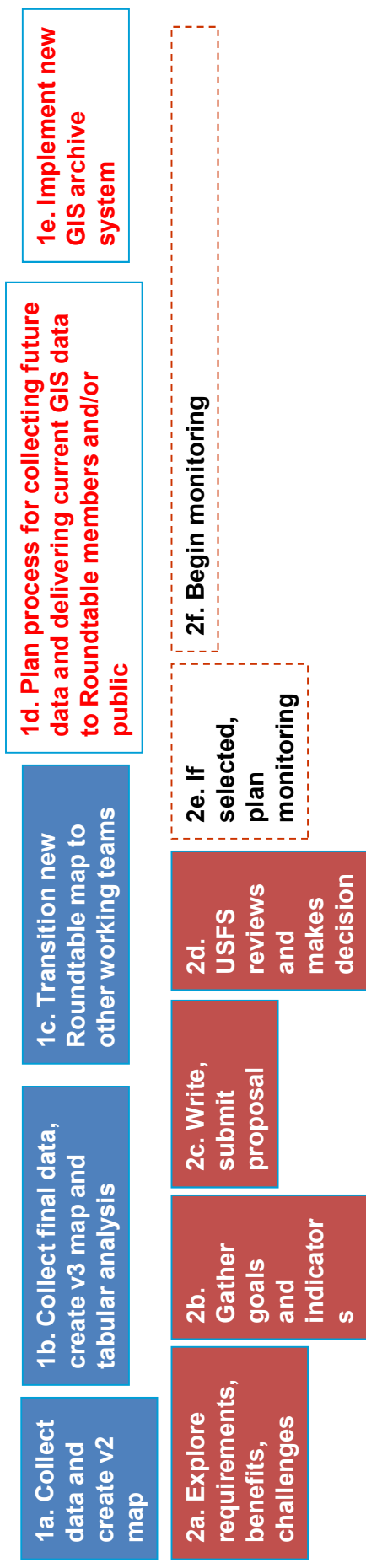


SM Team Work Plan

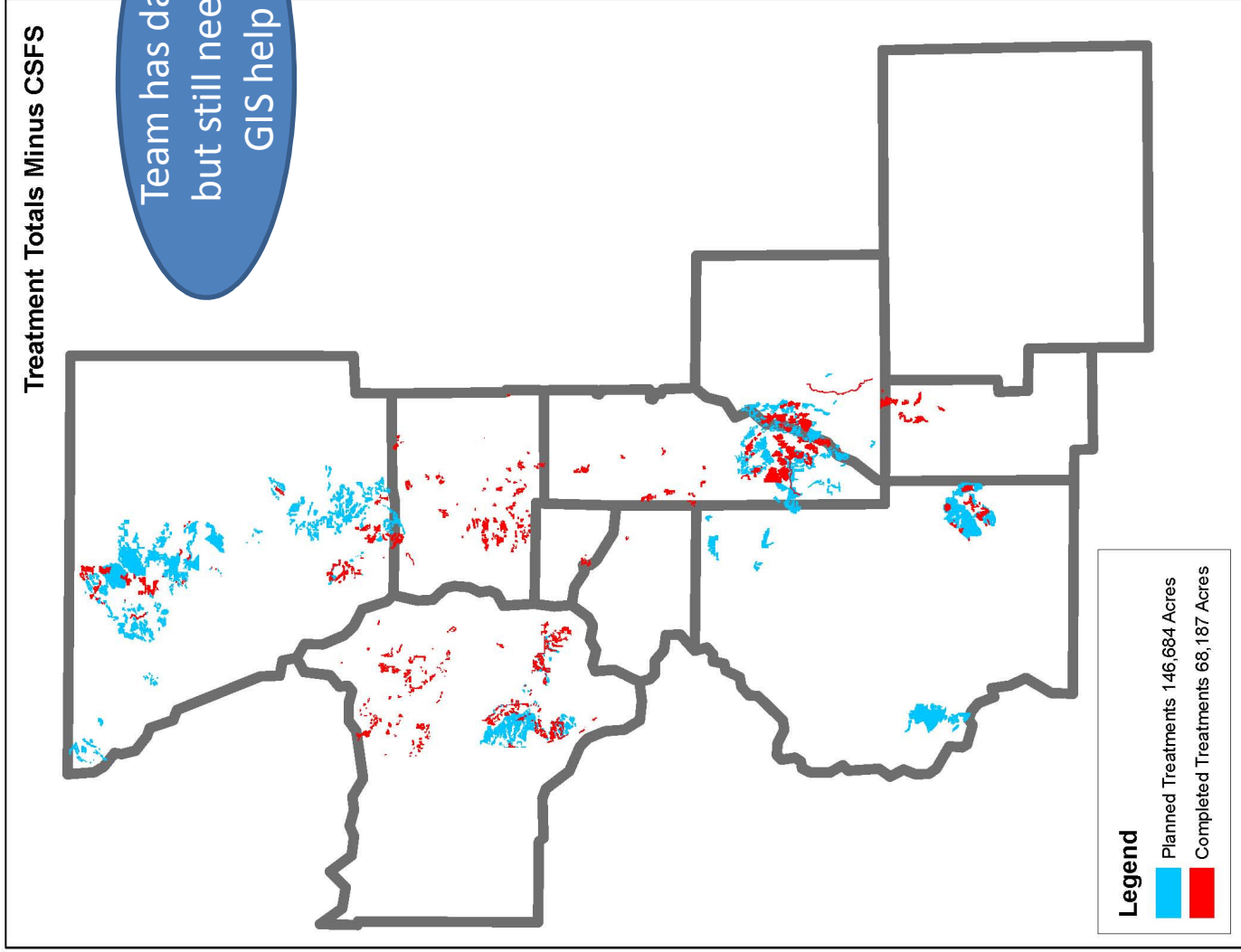


Work streams

- 1. Evaluate progress of forest treatments in the Roundtable's 2006 priority areas.
- 2. Help the USFS monitor its stewardship contract



Illustrative Deliverable 1a: Results of Treatment Data Collected to Date



Acres by county	Federal completed	Federal planned
Boulder	10329	572
Clear Creek	69	
Douglas	8392	7,738
Gilpin	394	
Grand	15927	25,072
Jefferson	15778	18,183
Larimer	10936	63,364
Park	3414	31,754
Teller	2949	

Methodology notes:

1. Data collected back to 2004 to our best available knowledge
2. CSFS shown separately
3. Excludes private land treated without the assistance of the CSFS
4. Excludes county lands treated in Park, Teller, Douglas, El Paso, and Grand.
5. Some of these areas have been treated with prescribed or natural burn and may not require additional near-term treatment. Some of these areas have been treated mechanically but still require prescribed or natural burn to achieve restoration.
6. Different databases are used between units/agencies. Data is comparable within a unit, but not between units. This should be resolved for 2009 and future years.



Illustrative Deliverable 1b: Data Table of Acres Treated and Remaining Goals

Have data,
need GIS help

County	Overlap Zone			Fire Risk Mitigation Zone			Ecological Restoration Zone			Total Roundtable Priorities		
	2006 Goal	Treated	Re-remaining	2006 Goal	Treated	Re-remaining	2006 Goal	Treated	Re-remaining	2006 Goal	Treated	Re-remaining
Boulder	51,021			77,212			35,978			164,211		
Clear Creek	7,356			58,595			833			66,784		
Douglas	40,529			61,143			90,807			192,479		
El Paso	57,107			41,891			31,169			130,167		
Gilpin	472			42,365			2,177			45,014		
Grand	390			94,321			1,838			96,549		
Jefferson	88,094			92,971			71,157			252,222		
Larimer	42,350			130,956			98,856			272,162		
Park	31,377			122,808			27,463			181,648		
Teller	23,168			86,848			27,211			137,227		
Total Front Range	341,864			809,110			387,489			1,538,463		



Illustrative Deliverable 2: Proposal with CFRI to Be Stewardship Contract Monitoring Group

**White Mountain Stewardship
Multi-Party Monitoring Board
Revisions as of July 2005**

Revised Goals and Indicators

	#	GOALS	#	INDICATORS	STATUS	WHO	HOW
SOCIAL	1	Do people feel that the threat of high intensity fire near or within communities has decreased due to treatments?	A	Assess public concerns and perceptions about the risk of fire and the likelihood of controlling a wildfire before and after treatments		Contractor or student or county/city government	Use questionnaires and/or public meetings. Compare over time. Compare local versus seasonal use groups
			B	Measure public understanding in distinguishing thinning treatments among different land ownership (FS, BIA, State and private)		Contractor or student or county/city government	Use questionnaires and surveys, possible site visit with citizens. Compare over time. Compare local versus seasonal use groups
ECONOMIC	1	To decrease the cost per acre of forest treatment	A	Changes in cost per acre and value, tons of biomass removed/left. Compare costs and utilization with other forests within the region that do not have large contracts	Cost acre and biomass is tracked now	FS and Future Forests can track costs acre and tons removed and piled or left. Ask Future Forests to track where wood is used and value	Determine if any industry information is confidential
					Ongoing	FS is tracking these costs and can report annually	We have set up separate cost codes for each financial function listed
ECOLOGICAL	1	Reduce the threat of large, high-intensity wildfire; improve our ability to control fires near communities and restore the role of fire in the ecosystem	A	Ecological forest models: Change in FVS, Fire Regime Condition Class (FRCC), tons of biomass left in the woods	Ongoing	FS	Standard Pre- and Post Project monitoring of fuels conditions
			B	Change in canopy cover and crown bulk density	Ongoing	FS	Standard Pre- and Post Project monitoring of fuels conditions
			C	Change in density and size of trees, old growth characteristics, dbh, basal area	Ongoing	FS	Samples are taken prior to project. Certain stands can be selected for follow-up monitoring of BA, DBH and growth
			D	Change in openings (grasslands) and meadow restoration		Could be FS	Not measured now but can be added to project data collection
			E	Health of the residual trees		Contractor or FS	Measure vigor, diameter growth, resistance to
						Northern AZ Wood Products Assoc., AZ Sustainable Forest Partnership, County Economic Development, Future Forests and County Economic	Ask the groups to help track changes in forest product industries, products and uses
						County Economic	Survey companies or use tax information

Illustrative

Illustrative



SM Team Next Steps

Activity	Task	Resp	Status	Deadline
Team management	Find a GIS resource for Goal 1 (monitoring map)	Hal	In progress	Friday, January 08, 2010
	Invite NPS to participate on SM team	Leslie	Ready to start	Friday, January 15, 2010
Goal 1: Monitoring progress	Work with TBD GIS resource to create a draft map v2 to share at 1/8/10 meeting, with tabular results per county	Hal	Upcoming	Sunday, January 31, 2010
	Incorporate feedback from Roundtable on draft v3 monitoring map	Hal	Upcoming	Sunday, January 31, 2010
	Recommend long-term GIS storage and service	Hal	In progress	Sunday, January 31, 2010
	Choose a method for storing all GIS data for future GIS resources to access	Hal	Upcoming	Sunday, January 31, 2010
	Present draft v3 monitoring map to Roundtable	Hal	Upcoming	Friday, April 23, 2010
Goal 2: Stewardship Contract monitoring body	Send copy of stewardship contract to Gali to send to team	Hal	Ready to start	Sunday, January 31, 2010
	Gather all existing goals and indicators for stewardship contract and give to Tony & Jessica (work with PSI as well)	Hal	Ready to start	Sunday, January 31, 2010
	Manage graduate student to aggregate all posted projects on USFS website	Tony	Ready to start	Sunday, January 31, 2010
	Ask Cody Neff if/how he'd like to participate in monitoring group	Tony	Ready to start	Sunday, January 31, 2010
	Learn more about Clackamas Stewardship Partners (what kind of entity?)	Tony	Ready to start	Sunday, January 31, 2010
	Create first draft of beginning section of proposal for discussion at 2/23 team meeting in Ft. Collins	Jessica	Upcoming	Tuesday, February 23, 2010
	At team meeting, review CFRI's goals and indicators; plan activities, responsibilities, budgets, timeline, and organization structure	Gali	Upcoming	Tuesday, February 23, 2010
	Create proposal to USFS, distribute to team, incorporate feedback; finalize	Jessica	Upcoming	Wednesday, March 31, 2010
	Submit final proposal to USFS	Tony	Upcoming	Thursday, April 01, 2010
	Make decision on monitoring group	Glenn	Upcoming	Saturday, May 01, 2010
If awarded role as monitoring group, plan baseline assessments to begin in July, 2010	Jessica	Upcoming	Thursday, July 01, 2010	



SM Team Upcoming Calendar

Event	Format	Location	Place and Call Details	Date	Time
SM meeting 6	Call in only		Online meeting: https://www2.gotomeeting.com/join/179972387 ; Meeting Password: SM; Meeting ID: 179-972-387 Conference call: 866-852-1588 ; participant passcode: 516343	1/12/2010	1 - 2:30pm
SM call 7	Call in only		Online meeting: https://www2.gotomeeting.com/join/691685955 ; Meeting Password: SM; Meeting ID: 691-685-955 Conference call: 866-852-1588, participant passcode: 516343	1/26/2010	1 - 2:30pm
SM call 8	Call in only		Online meeting: https://www2.gotomeeting.com/join/179972387 ; Meeting Password: SM; Meeting ID: 179-972-387 Conference call: 866-852-1588 ; participant passcode: 516343	2/9/2010	1 - 2:30 pm
SM meeting 9	In person	Ft. Collins - USFS-AR, Zimmerman Room, 2nd floor	USFS - AR, Canyon Lakes Ranger District, 2150 Centre Ave., Building E, Fort Collins, CO 80526; Zimmerman Room, 2nd floor (if can't attend in person: Online meeting: https://www2.gotomeeting.com/join/691685955 ; Meeting Password: SM; Meeting ID: 691-685-955; Conference call: 866-852-1588 ; participant passcode: 516343)	2/23/2010	3-4pm
SM meeting 10	In person	TNC Boulder, Room 308	Boulder office of The Nature Conservancy, 2424 Spruce St. Boulder, CO 80302 (if cannot attend in person: Online meeting: https://www2.gotomeeting.com/join/179972387 ; Meeting Password: SM; Meeting ID: 179-972-387 Conference call: 866-852-1588 ; participant passcode: 516343	3/9/2010	3-4pm
SM call 11	Call in only		Online meeting: https://www2.gotomeeting.com/join/691685955 ; Meeting Password: SM; Meeting ID: 691-685-955 Conference call: 866-852-1588, participant passcode: 516343	3/23/2010	2-4pm
SM meeting 12	In person	TNC Boulder, Room 308	Boulder office of The Nature Conservancy, 2424 Spruce St. Boulder, CO 80302 (if cannot attend in person: Online meeting: https://www2.gotomeeting.com/join/179972387 ; Meeting Password: SM; Meeting ID: 179-972-387 Conference call: 866-852-1588 ; participant passcode: 516343	4/13/2010	3-4pm
Roundtable Quarterly Meeting: Q2-10	In person	Jeffco - Quad (1552AB/1565AB)	Jefferson County Building, 100 Jefferson County Pkwy, Golden, CO 80419, room: Quad (1552AB/1565AB); If cannot attend in person: 866-852-1588, participant passcode: 516343	4/23/2010	2-4pm

2010 Roundtable Quarterly Meeting Calendar

Event	Place and Call Details	Date
Roundtable Quarterly Meeting: Q1-10	U.S. Forest Service Rocky Mountain Region 740 Simms St Golden, CO 80401; If cannot attend in person: 866-852-1588, participant passcode: 516343 Agenda: Download agenda here (pdf 118 k) Lunch: Bring your own or submit your order to Gali Beh (gali@behconsulting.com) by end of day 1/6/09; see Udi's Catering menu here (pdf 138 k)	Friday, January 08, 2010
Roundtable Quarterly Meeting: Q2-10	Jefferson County Administration and Courts Building , 100 Jefferson County Pkwy, Golden, CO 80419, room Quad (1552AB/1565AB); If cannot attend in person: 866-852-1588, participant passcode: 516343	Friday, April 23, 2010
Roundtable Quarterly Meeting: Q3-10	Woodland Park, Location TBD If cannot attend in person: 866-852-1588, participant passcode: 516343	Friday, July 2 2010
Roundtable Quarterly Meeting: Q4-10	U.S. Forest Service Rocky Mountain Region 740 Simms St Golden, CO 80401; If cannot attend in person: 866-852-1588, participant passcode: 516343	Friday, October 15, 2010



Working Teams: Upcoming Calendar Through Next Roundtable Meeting

Red = changed

Event	Format	Location	Date	Time
SM meeting 6	Call in only		1/12/2010	1 - 2:30pm
IM call 4	Call in only		1/14/2010	1 - 3:30pm
OEO call 5	Call in only		1/19/2010	1 - 3 pm
BUSS call 4	Call in only		1/21/2010	3-4pm
SM call 7	Call in only		1/26/2010	1 - 2:30pm
IM call 5	In person	TNC Boulder 308 (Jeff's laptop)	1/28/2010	1 - 3:30 pm
OEO call 6	Call in only		2/2/2010	1 - 2 pm
BUSS call 5	Call in only		2/4/2010	2-4pm
SM call 8	Call in only		2/9/2010	1 - 2:30 pm
IM call 6	Call in only		2/11/2010	1 - 3:30pm
OEO call 7	Call in only		2/16/2010	1 - 3 pm
BUSS call 6	Call in only		2/18/2010	3-4pm
SM meeting 9	In person	Ft. Collins - USFS-AR, Zimmerman Room, 2nd floor	2/23/2010	3-4pm
IM call 7	Call in only		2/25/2010	2-4pm
OEO/NFRMPBWG's Policy Makers' Meeting	In person	TBD-Jeffco?	2/26/2010	3-4pm
OEO call 8	In person		3/2/2010	2-4pm
BUSS call 7	In person	TBD-RO?	3/4/2010	2-4pm
SM meeting 10	In person	TNC Boulder, Room 308	3/9/2010	3-4pm
IM meeting 8	In person	TNC Boulder, Room 308	3/11/2010	2-4pm
OEO in person meeting 9	Call in only	USFS RO Simms - Teleconferencing room	3/16/2010	3-4pm
BUSS call 8	Call in only		3/18/2010	3-4pm
SM call 11	Call in only		3/23/2010	2-4pm
IM call 9	Call in only		3/25/2010	3-4pm
BUSS call 9	Call in only		4/1/2010	2-4pm
OEO call 10	Call in only		4/6/2010	3-4pm
IM call 10	Call in only		4/8/2010	2-4pm
SM meeting 12	In person	TNC Boulder, Room 308	4/13/2010	3-4pm
BUSS call 10	Call in only		4/15/2010	3-4pm
OEO call 11	Call in only		4/20/2010	2-4pm
IM call 11	Call in only		4/22/2010	3-4pm