



Landscape Restoration Team

Meeting 49 – JeffCo Project Sites

December 10, 2014



LR Team Agenda December Meeting 49

Meet at the Fed Center Park-n-Ride at 11601 W 2nd Place, Lakewood – 10

Drive to West Ranch destination – 10-10:25

Very quick Introductions, announcements, plan for the day, briefing on West Ranch – 10:25-10:45

Drive to Pine Country Lane destination – 10:45-11:15

Overview of the rest of the day – 11:15-11:20

Social/Economic Monitoring presentation (Kathie Mattor) – 11:20-11:35

Agreements and Challenges for Front Range Forest Restoration paper (Kristen Pelz) – 11:35-12:05

Restoration on non-Federal lands discussion & Lunch (Brett Wolk and Joseph Hansen) – 12:05-1:35

Discuss if/how adaptive management is being applied to UMC (Rob Addington) – 1:35-2:05

Other, calendar, action items – 2:05-2:15

Drive back to Golden – 2:15-3

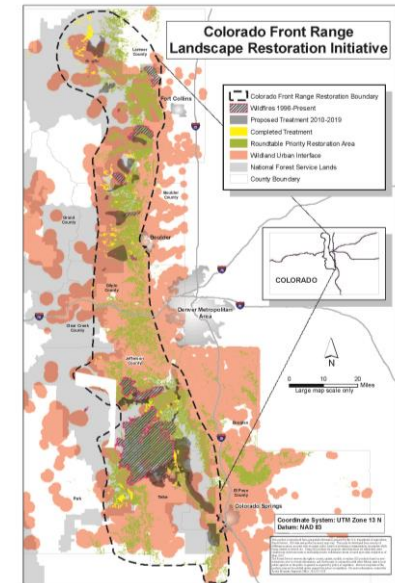


Project Outline: Landscape Restoration Team

| | | |
|--|---|--|
| Team Name: Landscape Restoration Team | Timeline Oct. 2010 to 2025 | Sponsors Front Range Roundtable |
| CY 2014 Goals | 1. Gather, analyze, and evaluate CFLR monitoring data in order to report to the Roundtable and Congress on whether forest treatments are trending towards desired conditions. 2. Gather, analyze, and evaluate new science and research methods to refine definitions of desired conditions 3. Implement Upper Monument Creek project as a model for collaborative forest treatment planning and implementation; identify similar opportunities for collaborative implementation planning on the AR | |

Why this? Why now?

- Situation:**
 - The Collaborative Forest Landscape Restoration Act was established under Title IV of Omnibus Public Land Management Act of 2009 to encourage collaborative, science-based ecosystem restoration of priority forest landscapes. It authorizes: requests of up to \$40 million annually through 2019; CFLR may pay for up to 50% of the proposed costs (applicant must find the other 50%); up to \$4 million annually for any one project; up to 2 projects per year in any one FS region; and up to 10 projects per year nationally. CFLR funds may only be used on National Forest System lands for implementation and monitoring (not planning); for ecological restoration treatments only (not fire mitigation without restoration), and for up to 10 fiscal years on any one project.
 - Based on the Roundtable's 2006 vision and strategy, in May 2010, the Arapaho-Roosevelt and Pike-San Isabel National Forests, with the help of the Nature Conservancy, submitted a winning proposal under the Collaborative Forest Landscape Restoration Program (CFLRP), and has since received an additional \$1 million for Front Range National Forests in FY10, \$3.4 million in FY11, \$3.1 million in FY12, \$3.8 million for FY13, and \$X million in FY14 (with the possibility of further allocations for up to 10 years to implement ecological restoration on 31,600 acres of Lower Montane forests (3,400 acres per year for last 9 years, 1000 acres for first year).
- Complication:** The CFLRP grant required that the Roundtable form a multi-party monitoring group to plan, implement, and report the results of collaborative monitoring of the use of CFLRP funds for 15 years. Monitoring is to include ecological¹, social, and economic monitoring. In developing the monitoring plan, the Roundtable learned that target metrics for desired conditions don't exist.
- Resolution:** The Front Range CFLRP Monitoring Group was formed on October 15, 2010 to collaboratively develop a monitoring plan for the CFLRP projects, plan future collaborative implementation of the CFLRP, and launch science and research efforts to help define desired conditions.



Scope

- Includes work done by sub-teams: Social & Economic Monitoring Team (Kathie), Wildlife Team (Rick & Lynne), Understory Team (Paula), Upper Monument Creek (Paige); Spatial Heterogeneity Team (Kristen); Stand Reconstruction Team (Peter); LCC Monitoring (Jenny, closed); Operationalizing Adaptive Management Team (Rob); GTR Team (Rob); AR South Zone project (Mark)
- This LR team is currently only focused on topics related to CFLRP
- In 2015 this team will look at non-Federal lands for forest restoration.

CY 2014 Deliverables

- Regular meetings: meet in person every other month with phone calls the other months, working around Roundtable meetings (prep meetings); in summer skip meetings for field trips; let the agenda items drive the decision about in-person or webmeeting – **IN PROGRESS**
- Summer field trips (end of June / early July) - **COMPLETED**
- Project outlines for each subteam that feeds into the LR team – **IN PROGRESS**
- National indicators reporting (Nov. 15, 2014; week prior to Region) - **UPCOMING**
- Report to Roundtable (September 5, 2014) – **IN PROGRESS**
- Reports from Heterogeneity Team (Nov. 2014 – **IN PROGRESS**) and Upper Monument Creek (**timing TBD**) on desired conditions
- Landscape identified in the AR for collaborative planning and implementation (possibly Gilpin, Clear Creek or Boulder Counties) – **ON HOLD, MAY NEED TO POSTPONE TO CY15**

Landscape Restoration Team: Near Term High Level Work Plan

Mar 8, 2013: Q1 Roundtable meeting

May 31, 2013: Q2 Roundtable meeting

Sept 13, 2013: Q3 Roundtable meeting

Nov. 22, 2013: Q4 Roundtable meeting

Jan-Mar, 2013

Apr-Jun, 2013

Jul-Sep, 2013

Oct 2013 – March 2014

Jan. 9, 2013: Report on results from historic reconstruction research at Hall & Heil Ranches

April-Dec: Reviewing data in order to eventually agree on extent to which CFLR treatments from 2011 and 2012 are on trend towards meeting objectives

Jan. 9 – Feb. 13, 2013: Agree on recommendations to Roundtable on adaptive management process

April: Review GTR PPT

May - July: Define assumptions and uncertainties in CFLR project

Sept – Oct: Flood and Gov't shutdown

Nov 13: Devote monthly meeting to national indicators

Jan 15: Report on new LCC Monitoring findings?

Feb 19-20: Hold field trips to Long John & Waldo (UMC)

Nov 13: Report on 2012 social & economic monitoring

Jan 15: Report on spatial heterogeneity

Feb-May: Plan ARP and PSI field trip sites

July 9 (AR), & 11 (PSI): Hold field trips to ARP treatment sites

Nov. 13: Form a CSE Report sub-team to agree on a standard report and methods

Dec 11: Update from Wildlife team

March 13: Report on LCC monitoring results

May 31, 2013: Propose recommendations to Roundtable on adaptive management process

March 13: Report on CSE results

April-May: Write more detailed description of adaptive management process

Sept 11: Decide if adaptive management model ready for publishing as addendum to CFLR Monitoring Plan (Rob)

April-Sept: Apply adaptive management process to UMC (and working through all the other subgroups listed under scope) (Rob & Paige)

- Deliverable or decision point
- Completed
- On track
- Needs attention
- Tentative



Landscape Restoration Team: Long Term High Level Work Plan (April 2014 – 2020)

2014

2015

2016-2020

Summer 2014:
Field trip to the Echo/Beaver project area

June-July 2014: Field Trips

Late Oct:
Report to the Roundtable on plans for national indicators

Nov 2014: Report on national indicators (except watershed)

June 2014:
Review GTR draft

Date TBD: Agree on “desired conditions” based on learnings from monitoring and research efforts underway (since 2011-2013):

1. A wildlife monitoring team
2. A spatial heterogeneity monitoring team
3. A social and economic monitoring team
4. Understory team
5. A team focused on designing an adaptive NEPA process for the Upper Mountain Creek forest treatment project on the Pike-San Isabel National Forest
6. A team creating a USFS General Technical Report (GTR) on a science-based framework for forest restoration
7. A team conducting Front Range historical forest stand reconstruction network research
8. Operationalizing adaptive management
9. AR South Zone project

Sept 11: Decide if adaptive management model ready for publishing as addendum to CFLR Monitoring Plan

Oct. 2014:
Present at IUFRO/SAF/CFI conference (Yvette)

Dec. 2014: Agree on recommended changes to treatment designs, if any (in time to influence summer 2015 treatments)

Q1-15: Present to Roundtable results of Social & Economic Monitoring CY13

Sept-Nov 2014: Develop a master plan of all monitoring needs and agree on process for budget allocations

Jan. 2015: Social & Economic monitoring report published

June-August 2014: Data analysis for the heterogeneity project

End Nov. 2015: Report published on desired conditions from heterogeneity project

Jan. 2015: Monitoring report for CY13 published for heterogeneity project

May-July 2014: Plan out how to identify the landscape in the AR for collaborative planning and implementation (possibly Gilpin, Clear Creek or Boulder Counties)

April-Dec: Reviewing data in order to eventually agree on extent to which CFLR treatments from 2011 and 2012 are on trend towards meeting objectives

- Deliverable or decision point
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LR Meeting Planned Agenda Topics

December 10
Jeff Co Taj

1. Discussion on restoration on non-Federal lands (Brett, Paige [UFC?], Joseph [Jefferson County])
2. Socio-Economic results (Kathie)
3. Spatial Heterogeneity results (Kristen)

January 2015
(GoTo Meeting)

1. Follow up on creating an addendum to the CFLR monitoring plan for adaptive management after Dec 17 meeting (Rob, Jenny?)
2. How to apply AM to non-CFLR work? (Greg Aplet)
3. Long term funding strategy for sub-team fundraising
4. Monitoring data on private lands (Brett Wolk – 15 min)
5. Socio-Economic results continued (Kathie)

February 2015
(TBD)

1. Debrief from National indicators to plan how to do better monitoring (Mark and small team)



LR Team Next Steps from the 12-10-14 meeting

OTHER

Terra

- Add Kristen's white paper to the 2/20 Roundtable agenda (if it's to be published as a Roundtable statement)
- Change January LR meeting to in-person
- Add Brett's monitoring data to January agenda
- Add Kathie's SocioEconomic report to January meeting

PAPER "Agreements and Challenges for Front Range Forest Restoration"

Kristen

- Get comments back by Friday 12/19
- Send out a Doodle for a GoTo Meeting to discuss the paper



= Completed



= On track

Front Range Roundtable

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= Needs attention



= Deferred

LR Team Next Steps from the 10-21-14 meeting

Adaptive Management:

- ✓ **Rob** – hold a meeting to revisit Operationalizing Adaptive Management with Jenny, Greg, Rob, Kristen, Jeff, Dick, Sara to create a guiding document/protocol to post to website. Send Terra and Gali the document.

National Indicators:

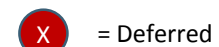
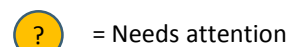
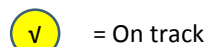
- ✓ **Rob** – Send Mark and Jeff relevant CFRI publications for our five-year report
- Terra** –
 - Add to Feb agenda, debrief on National Indicators, and plan how to do better monitoring
 - Send Mark hours/people days/mileage for October 2013-October 2014 – and send all the sub-teams a reminder!
 - Send Dick and Mark our list of references that we came up with on the Metrics team (see website under the Metrics team).
 - Send an email to the Roundtable cancelling Monday's special NI meeting. We will send the Roundtable the report, and give 2 days to the Roundtable on October 29; they will have until COB October 31 to send any feedback, edits, etc.

Restoration on non-Federal Lands topic:

- ✓ **Brett** – Present this topic at the December LR team meeting. Discuss coordinating across boundaries and info-learning transfer.
- ✓ **Terra ask Paige** – Can she present on Upper Fountain Creek.
- Joseph** – Present on JeffCo landscape restoration at December LR meeting/ coordinate a field trip.
- ✓ **Terra** - Add to scope of LR team, in 2015 this team will look at non-Federal lands for forest restoration. I.e. DNR grants for non-federal land; ½ of that money is going to the Front Range because it's WUI-specific. Opportunity to learn from one another and coordinate work.

OTHER

- ✓ **Terra**
 - On High Level Work Plan, move the GTR draft review from June 2014- to 2015
 - Add box that Kristen is working on a response to the paper that came out (controversial)
 - Add to November meeting – Kristen to have a paper ready to share with LR team
 - Add to December LR meeting – Socio Economic data (30-45 mins)
 - Add to December LR meeting – Spatial Heterogeneity



LR Team Next Steps from the 9-10-14 meeting

Kirsten

- Review Yvette's prior project outline, confirm that it is still current
- Prepare to present prelim results of Spatial Heterogeneity at next Roundtable meeting 11/14
- Talk to Sara about contract information for the forests

Terra:

- Compile the sub team project outlines and keep them in our LR meeting documents for future reference (let team leaders who have not submitted outlines know that they deadline is end of CY14)
- Plan special meeting (online – 1.5 hour) for the Roundtable to review/approve/refine the national indicators results that will be submitted to the region by 11/7 (after 10/24 but before 11/5) (10/28-30 not available) – required to schedule around: **Mark, Erin, Glenn, Sara, Dick, Jeff, Paula, Kristen, Rick or Lynne or Jenny (wildlife)** - confirm RSVPs so that we know if we can use gotomeeting (max 18 ppl)
- Remind LR team on importance of attending 10/22 meeting to review/approve/ refine the national indicators results
- Put on LR agenda for October meeting
 - National indicators (most of the time: 3.5 hours)
 - IF TIME: Long term funding strategy for sub-team fundraising (1 hour)
- Ask sub group leaders to come to 10/22 meeting with proposed long-term plans and funding needs
- Put on LR agenda for November meeting (add to October if we go quickly on national indicators)
 - Long term funding strategy for sub-team fundraising
 - a quick discussion about whether we need an addendum to the CFLR monitoring plan for adaptive management (if Jenny will be there)
 - if/how adaptive management is being applied to UMC (make sure Paige can attend)

Mark:

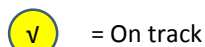
- Share national indicators results with LR team at October 22 meeting
- Coordinate with presenters on national results on what they need to present at the 10/22 LR meeting (and the follow on special meeting for the Roundtable)
- Include Kathie Mattor in the National Indicator meetings/conversations
- Mark look for the 2013 annual report and send to Terra to post to the website
- Talk to Mary about updating the 2009-2013 map with the pre-2009 map; including the fires. Include the roadless rules area boundary.

Jonas:

Send the group information about a possible field trip to see some of the NRCS's and Jefferson County Conservation District sites that have been recently restored.

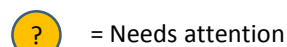


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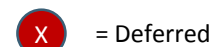


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LR Team Next Steps from the 8-13-14 meeting

National Indicators

- **Lynne & Jenny**– Provide a narrative of the Wildlife team process.
- **Rob & Paula** – Meet and fill in missing FY13 data for 8/22 meeting
- **Kristen & Rob** – Meet and discuss any loose ends that Kristen can take over.



Long-term budgeting master plans of sub-teams

- **Terra** – Add to LR October meeting agenda – make sure we have representation from each sub-team .
- **Kristen** – talk to Brett and Paula to make sure they can have something by October.



Administrative



- **Terra** – Change October meeting to October 22 – email the LR team
- **Jeff** – Look at booking a conference room at the RO (let Terra know)



9/5 Roundtable Meeting



- **Rob** – Present an update/overview of the LR reports that have been developed this year.
- **Casey** – Present Wildlife team work.

11/14 Roundtable Meeting



- **LR Team** – Present a more detailed update of the LR team including the CSE and Spatial Heterogeneity work
- **LR Team** – Present an overview of the National Indicators report
- **Rob & Paige** – Bring up revising recommendations at the Roundtable and gauge interest.

Ecological Monitoring Report

- **Rob** – finish up this year's CSE data.



Echo/Beaver project



- **Terra** – Post presentation for the group.
- **Jeff** – Talk to Sara about expectations.



8/20 PSICC Field trip



- **Jeff** – Send agenda by 8/14.
- **Kristen, Jeff, and Rob** – Coordinate handouts for the field trip (aerial photos, prescriptions, pre- and post-treatment data, contracts.
- **Terra** – Send headcount to Jeff, Kristen and Rob so they can print materials.



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LR Team Next Steps from the 6-11-14 meeting

• Ecological Monitoring Reports:

- **Rob, Yvette and Jenny** make Tier 2 Wildlife and Ecological Monitoring reports consistent and start thinking about making these one report or individual reports toward desired conditions
- **Rob** Include a summary of the jam session
- **Rob** send report out to the LR team for review before the 8/13 LR meeting
- **Rob** Present an update at the 9/5 Roundtable meeting
- **Wildlife team** – Provide narrative
- **Yvette** – Check with Emma if she can also present at the Roundtable
- **Terra** – put this on the Roundtable 9/5 agenda

• Adaptive Management Process

- **Rob** send Terra the final PowerPoint
- **Terra** post to website
- **Rob – Kristen** - make hard copies for the 9/5 Roundtable

• National Indicators

- **Rob and Jenny** – Send Mark Monitoring jam session info and Wildlife use data from the treated plots for the report
- **Mark** - Bring back to the LR team and get group's input/perception
- **Mark** - Ask Lauren (or whomever) to review our answers after July 22 meeting

• Field trip:

- **Rob** to create a questionnaire for feedback of the attendees
- **Rob** to get the *large aerial treatment imagery to show big picture*
- Vans reserved
- **Tony** to reach out to Congressional staff
- **Mark** to invite the district folks and contractors

• Sub-team budgeting:

- Talk about this at the 8/13 meeting



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LR Team Next Steps from the 5-14-14 meeting

- **Terra:**
 - Put old SM, CFLRP, Process, Metric team documents on the “Open” teams LR page
 - Put monitoring jam session results on June LR team agenda
 - Post Yvette’s CLFPR plan addendum
 - Send field trip doodle every weekday from last week of June to 3rd week of August – need 2 days

ADAPTIVE MANAGEMENT MODEL AND PAPER

- **Rob:**
 - Send clean formatted AM narrative to team for final review – give team until next meeting to give final feedback
 - Finalize AM PPT (both combined and two-part versions) – send to Terra to post on RT webpage
 - Send Terra poster file to put on website

IUFRO/SAF/CFI CONFERENCE

- **Yvette:**
 - Draft presentations and circulate to team for input (Sept)
 - Get feedback from silviculturalists on the team re: the abstracts

STAND RECONSTRUCTION

- **Peter:**
 - Finish data dating (Nov), finish data analysis (May 2015),
 - Revise and resubmit paper for peer review (July 2014)

MONITORING JAM SESSION

- **Rob:** Finish data analysis based on input from jam session; develop draft report to share with LR team (June 2014)

SPATIAL HETEROGENEITY

- **Yvette:**
 - Send Terra addendum to monitoring plan
 - Send Terra definition of spatial heterogeneity for project outline

CSE

- **Jeff:** Update CSE contract based on today’s proposal

NATIONAL INDICATORS

- **Mark:** Form subteam to work on national indicators (Rob, Yvette [as available], recruit Paula, Jeff, Sara, Dick) – schedule first meeting for early June
- **Lynne:** ask wildlife team at 5/29 meeting if/how the wildlife team should contribute



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LR Team Next Steps from the 4-2-14 meeting



• Terra:

- Add to the Quarterly 4/11 meeting agenda a discussion about the budget and fundraising

ADAPTIVE MANAGEMENT MODEL AND PAPER



• Peter:

- Finish animating the AM model (1 page) – 5/14: Rob and Greg have the master PPT now
- Add legend to explain colors on AM model



• Rob:

- Create a clean 2-page AM model in PowerPoint
- Start thinking about making this a poster size diagram?
- Add to OAM agenda a discussion on the budget; 5/14: will do at a future OAM meeting



• Greg:

- Finish your review of the AM paper



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LR Team Next Steps from the 3-12-14 meeting


- **Terra:**

-  Send each team leader the planning outline and ask them to fill in
-  Send out a vote to whole team to ask if they want one AM model (Peter's version) or keep them separate (show Rob's PDF version)




ADAPTIVE MANAGEMENT MODEL AND PAPER

- **Peter:** (if decision is made to combine into one AM model)


-  Add legend to explain colors on AM model
-  Add animation to PPT slide?

-  **Greg:** do final review of AM paper; make changes to make it clear that the AM model is the guiding framework for how to do restoration in the Front Range (change title and areas of the document where needed: “this is our process for collaborative implementation of forest restoration on the Front Range and we are following an adaptive management process for doing it”)– March 31

- **Rob:**

-  Add to OAM deliverables an “addendum to the CFLR monitoring plan” that outlines for practitioners how to do Adaptive Management: Need instructions (calendar) on how to implement adaptive management: every [month] this should be done, and every [different month] that will be done. Include national indicators timeline and other reporting timelines. This is what the OAM team is going to do.
-  Insert pictures, citations, etc. to AM paper, then send to team for additional review – April 12
-  When AM paper “done”, send to Terra to post on website and print some hard copies for distribution at 8/29 RT meeting







-  **Peter:** do final review of AM paper – May 12

-  **Terra:** final proofread of AM paper – June 12






LR Team Next Steps from the 2-12-14 meeting


National indicators:

-  **Jeff:** talk to Lauren (WO) about need for qualitative assessments in national indicators (consider writing preamble about “what’s going on” in terms of our data collection and research before national indicators results), by March 12 (Jeff can bring up on conf call he sits on for Jim Thinnes – Hal & Sara should sit in on next call) 3/12: Lauren out of office for next 3 weeks
-  **Rob:** run FVS model to show if fire regime likely to have been changed (using CSE data pre- and post), by May 12, maybe 4/22 (Jam session)
-  **Mark:** take over from Hal on redefining CFLR project-level “HUC 6” (Mary producing – in progress); Hal needs to talk to Mary about the methods; also continue working with Mary on redefining landscape-level by focusing only on PP/MC (discuss with Hal), by March 12
-  **Hal:** set up meeting with Mary to talk about watershed analysis, by Feb 19
-  **Hal:** Send Terra the additional National Indicators document to post to website.
-  **Rob:** look into who can do FLAMMAP modeling for us, by March 12, maybe Meg Matonis; need to figure out best path, will do at Jam sess.


Wildlife Team

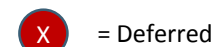
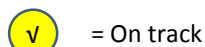
-  **Sara:** discuss with **Hal, Mark, and Jeff** what the total CFLR monitoring budget can be and what might be the available budget for wildlife monitoring (after final CFLR money allocated), by April 12
-  **Lynne:** use \$100k ballpark estimate to begin writing agreement with RMBO, talk through scenarios with RMBO, give heads up that final budget won’t be known until after April 12
-  **Rob:** Ask Tony about potential for any changes to summer field work on understory monitoring by March 12

OAM Team

-  **Rob:** Schedule jam session, possibly focusing on CSE data for this year, set a date for April by March 12

General

-  **Terra:** ask Paige if she can do the 3/12 gotomeeting for updates on UFC and UMC, add to March agenda: national indicators, understory update (Terra to check with Paula on if she’s ready to present in march, and if so we need to meet in person); also discuss future of AM diagram paper (will present at 4/11 Roundtable)



LR Team Next Steps from the 1-23-14 meeting

1. **Paula:**
 - ✓ a. Schedule the next understory team meeting before the next LR meeting on 2/12 (meetings ~2 times/month at this point)
 - ✓ b. Send Terra team member list
 - ✓ c. Send meeting notes to the team
 - ✓ d. Send any meeting materials from today's meeting to Terra to post to website
2. ✓ **Hal:** Estimate acres of PP in CFLR landscape; figure out what watershed boundaries encompass the project area and how many acres that is (use HUC-6, same as Spatial Heterogeneity team) – February meeting?
3. ✓ **Mark:** Please check with Hal on above next step
4. **Rob:**
 - ✓ a. Finish compiling outcomes for the “operationalizing adaptive management” meeting
 - ✓ b. Send outcomes to the LR team before the next meeting
 - ✓ c. Facilitate discussion, and decide whether to make the AM paper and addendum to the CFLR monitoring report, or a stand alone report
 - ✓ d. Send any meeting materials to Terra to post to website
5. ✓ **Venny:** Keep working on LCC report; send final report to the LR team; 5/14: sent PPTs to LCC team, working on final report now
6. ✓ **Vette:** Send spatial heterogeneity presentation from today's meeting to Terra to post to website
7. **Terra:**
 - ✓ a. Post 1/23/14 meeting materials to the LR page of the website
 - ✓ b. Make the 3/12 meeting a phone meeting; cancel JeffCo meeting space
 - ✓ c. Confirm speakers for the February in person meeting, March phone meeting, and April in person meeting
 - ✓ d. Change the April meeting from 4/9 to 4/2
 - ✓ e. Update calendar slide for LR team



= Completed



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= Needs attention

16



= Deferred

Roundtable Landscape Restoration Team— Contacts

| Full Name | Organization | Title | Address | City | State | Postal Code | Work Phone | Cell Phone | Email1 | Attended LR meetings past year |
|-------------------------|---|---|---|------------------|-------|-------------|-------------------|------------------|--|--------------------------------|
| Rob Addington | Colorado State University | | | Ft. Collins | | | | 970-449-2049 | rob.addington@colostate.edu | Yes |
| Greg Aplet | The Wilderness Society | Senior Forest Scientist | 1660 Wynkoop Street, Suite 850 | Denver | CO | 80202 | 303-650-5818 x104 | 720-244-2083 | greg_aplet@twrs.org | Yes |
| Mike Battaglia | US Forest Service, RMRS | Research Silviculturalist | 240 West Prospect Road | Fort Collins | CO | 80526 | 970-498-1286 | 970-420-7830 | mbattaglia@fs.fed.us | Yes |
| Gali Beh | Beh Management Consulting, Inc. | Front Range Roundtable Facilitator | 637-B South Broadway, #134 | Boulder | CO | 80305 | 303-499-1576 | 303-514-2375 | gali@behconsulting.com | Yes |
| Jenny Briggs | US Geological Survey | Research Ecologist | DFC Building 810 | Lakewood | CO | 80225 | 303-202-4078 | 303-518-0925 | jsbriggs@usgs.gov | Yes |
| Peter Brown | Rocky Mountain Tree-Ring Research | Director | 2901 Moore Lane | Ft. Collins | CO | 80526 | 970-229-9557 | 970-310-9432 | pmb@rmtrr.org | Yes |
| Jonathan Bruno | Coalition for the Upper South Platte | Director | PO Box 726 | Lake George | CO | 80827 | 719-748-0033 | 303-588-9824 | jonathan@uppersouthplatte.org | No |
| Evan Burks | USFS-PSICC | Partnership Coordinator | | | | | 719-553-1520 | | ejburks@fs.fed.us | Yes |
| Tony Cheng | Colorado State University | Associate Professor, Dept. of Forest, Rangeland & Watershed Stewardship | 131 Forestry Building | Fort Collins | CO | 80523-1472 | 970-491-1900 | Skype: chengt714 | tony.cheng@colostate.edu | No |
| Casey Cooley | Colorado Division of Parks and Wildlife | Montane/Forest Habitat Coordinator | 4255 Sinton Road | Colorado Springs | CO | 80907 | 719-227-5227 | 719-660-1427 | Casey.Cooley@state.co.us | Yes |
| Lynne Deibel | US Forest Service, ARP | Forest Wildlife Biologist | 2150 Centre Avenue, Building E | Fort Collins | CO | 80526 | 970-295-6638 | 970-420-1670 | lcdeibel@fs.fed.us | Yes |
| Yvette Dickinson | Colorado State University | Assistant Professor | 132 Forestry, Colorado State University | Ft. Collins | CO | 80532 | 970-491-7580 | 814-308-3181 | yvette.dickinson@colostate.edu | Yes |



Roundtable Landscape Restoration Team— Contacts

| Full Name | Organization | Title | Address | City | State | Postal Code | Work Phone | Cell Phone | Email1 | Attended LR meetings past year |
|-------------------------------|--|---|---|--------------|-------|-------------|--------------|---------------------------------------|--|--------------------------------|
| Rich Edwards | Colorado State Forest Service | Assistant Staff Forester | Colorado State University 5060 Campus Delivery | Fort Collins | CO | 80523 | 970-491-8036 | 970-213-8619 | Rich.Edwards@colostate.edu | No |
| Richard (Dick) Edwards | US Forest Service, Canyon Lakes | Fire, Fuels, Timber Staff | 2150 Centre Avenue, Building E | Ft. Collins | CO | 80526 | 970-295-6760 | 970-219-5967 | rsedwards@fs.fed.us | Yes |
| Jonas Feinstein | Natural Resources Conservation Service | State Forester | DFC Building 56 | Lakewood | CO | 80225 | 720-544-2839 | 970-218-8364 | jonas.feinstein@co.usda.gov | Yes |
| Paula Fornwalt | US Forest Service, RMRS | Research Ecologist | 240 West Prospect Road | Fort Collins | CO | 80526 | 970-498-2581 | 970-420-8276 | pfornwalt@fs.fed.us | Yes |
| Hal Gibbs | US Forest Service, ARP | Ecosystems Group Leader | 2150 Centre Avenue, Building E | Fort Collins | CO | 80526 | 970-295-6630 | 970-222-2288 Cell/970-203-0120Home | hdgibbs@fs.fed.us | Yes |
| Chad Julian | Boulder County | Lead Forester | 5201 St. Vrain Road | Longmont | CO | 80503 | 303-579-8419 | | cjulian@bouldercounty.org | Yes |
| Don Kennedy | Denver Water | Environmental Scientist | 1600 West 12th Avenue | Denver | CO | 80254 | 303-628-6528 | 720-272-3685 | don.kennedy@denverwater.org | No |
| Terra Lenihan | Beh Management Consulting, Inc. | | 350 Coral Street | Broomfield | CO | 80020 | 303-499-1576 | 303-709-4774 | terra@behconsulting.com | Yes |
| Paige Lewis | The Nature Conservancy | Director of Forest Restoration and Fire | 2424 Spruce Street | Boulder | CO | 80302 | 303-817-8648 | 303-817-8648 | paige_lewis@tnc.org | Yes |
| Mark Martin | US Forest Service, Boulder | | 2150 Centre Ave | Ft. Collins | CO | | | 303-245-6409 | mlmartin@fs.fed.us | Yes |
| Kathie Mattor | Colorado State University | Graduate Research Assistant | 131 Forestry Building | Fort Collins | CO | 80523-1472 | 970-402-1206 | (970) 402-1206 | katherine.mattor@colostate.edu | Yes |



Roundtable Landscape Restoration Team— Contacts

| Full Name | Organization | Title | Address | City | State | Postal Code | Work Phone | Cell Phone | Email1 | Attended LR meetings past year |
|-----------------------------|----------------------------|-------------------------------------|--------------------|--------------|-------|-------------|--------------|--------------|--|--------------------------------|
| Sara Mayben | US Forest Service, PSICC | Renewable Resources Staff Officer | 2840 Kachina Drive | Pueblo | CO | 81008 | 719-553-1400 | 719-395-9432 | smayben@fs.fed.us | Yes |
| Kristen Pelz | Colorado State University | PhD Student | 2400 Evergreen Dr. | Fort Collins | CO | 80521 | 303-859-0892 | 303-859-0892 | kapelz@gmail.com | Yes |
| Claudia Regan | US Forest Service-Region 2 | Regional Vegetation Ecologist | 740 Simms | Lakewood | CO | 80401 | 303-275-5004 | 970-290-9895 | cregan@fs.fed.us | Yes |
| Rocky Smith | Private citizen | | | | | | | None | 2rockwsmith@gmail.com | No |
| Diane Strohm | US Fish & Wildlife Service | Natural Resource Manager / Forester | 4220 Turner Road | Monument | CO | 80132 | 719-333-3308 | 719-338-5646 | diane.strohm.1@us.af.mil | Yes |
| Richard (Rick) Truex | US Forest Service, R2 | Regional Wildlife Ecologist | 740 Simms | Lakewood | CO | 80401 | 303-275-5022 | 720-425-2998 | rtruex@fs.fed.us | Yes |
| Jeff Underhill | US Forest Service, PSICC | Forest Silviculturist | 2840 Kachina Drive | Pueblo | CO | 81008 | 719-553-1513 | 719-553-7407 | junderhill@fs.fed.us | Yes |
| Brett Wolk | Colorado State University | | | | | | | | Brett.Wolk@colostate.edu | Yes |
| Nick Young | Colorado State University | | | | | | | | Nicholas.Young@Colo.state.edu | Yes |

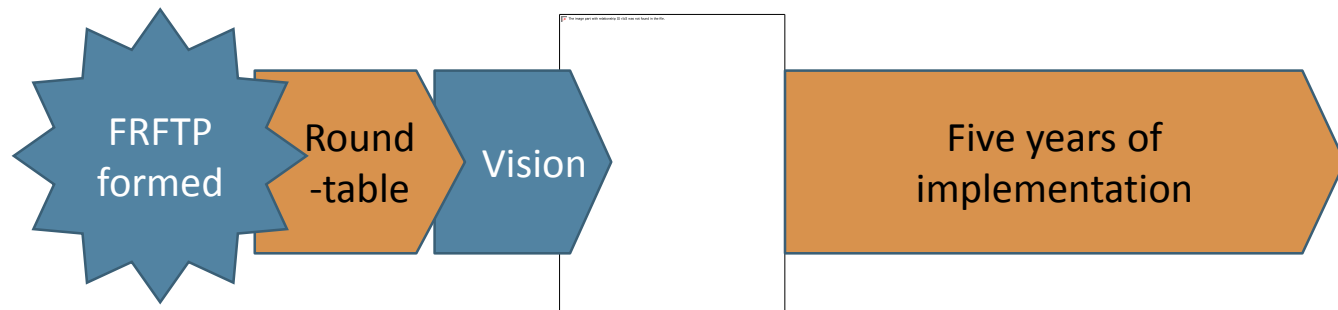
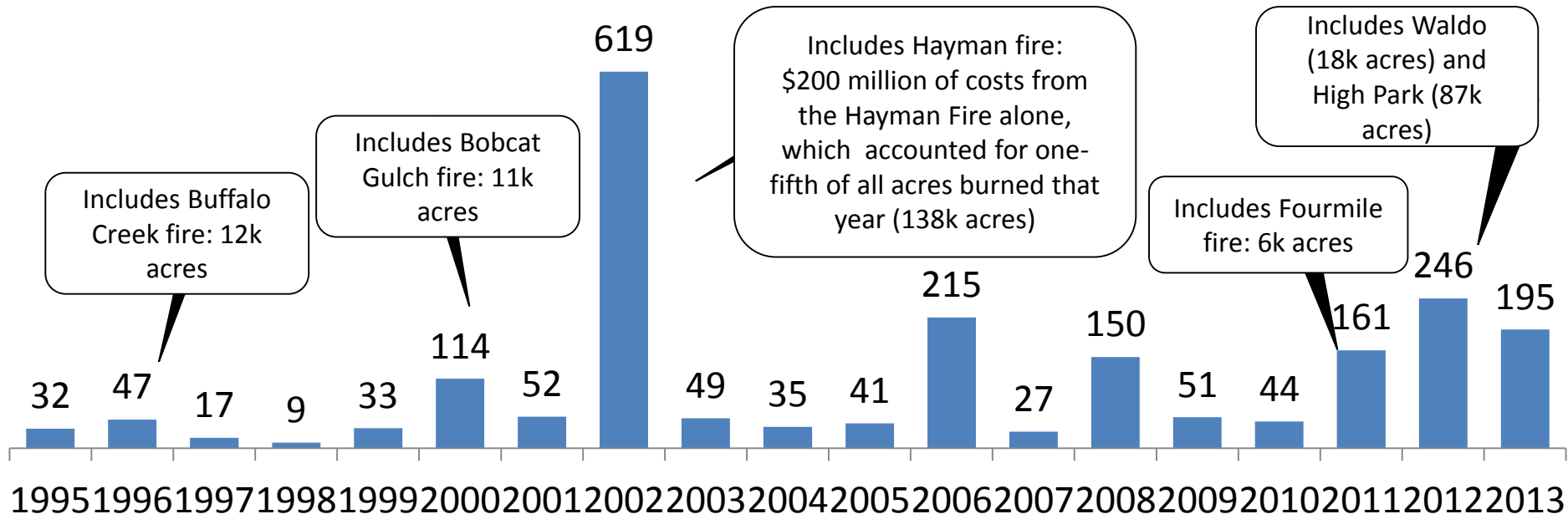


Roundtable Landscape Restoration Team— Attendance (1 Way Mileage)

| Full Name | Attended 11/13/13 Meeting | Attended 12/11/13 Phone Meeting | Attended 2/12/14 Meeting | Attended 3/12/14 GoTo Meeting | Attended 4/2/14 Meeting | Attended 5/14/14 Meeting | Attended 6/17/14 Meeting | Attended 7/23 AR Field trip | Attended 8/13 GoTo Meeting | Attended 8/20 PSI Field trip |
|------------------|---------------------------|---------------------------------|--------------------------|-------------------------------|-------------------------|--------------------------|--------------------------|-----------------------------|----------------------------|------------------------------|
| Rob Addington | Yes | Yes | Yes (70) | Yes | Yes (70) | Yes | Yes (70) | | Yes | Yes |
| Greg Aplet | Yes | Yes | | Yes | Yes (10) | | | | | Yes |
| Mike Battaglia | | | | | | Yes | | | | |
| Gali Beh | Yes | Yes | Yes (30) | Yes | Yes (30) | Yes | | | | |
| Jenny Briggs | Yes | | | Yes | Yes (3) | Yes | Yes (7) | Yes (30) | | Yes |
| Peter Brown | Yes | Yes | Yes | Yes | Yes | Yes | | | Yes | Yes (120) |
| Jonathan Bruno | | | | | | Yes | | | | |
| Evan Burks | Yes | Yes | | | | | Yes (114) | | | |
| Tony Cheng | | | | | | | Yes | | | Yes |
| Casey Cooley | | | Yes (65) | | | Yes | Yes (65) | Yes (75) | | |
| Lynne Deibel | | Yes | Yes | | | Yes | Yes | | Yes | Yes (120) |
| Yvette Dickinson | | | | Yes | | Yes | Yes (30) | Yes (20) | | |
| Richard Edwards | | | | | | | | | | |
| Dick Edwards | | Yes | Yes | Yes | Yes (70) | | Yes | | Yes | |
| Jonas Feinstein | Yes | | | | | Yes | | Yes (54) | | |
| Paula Fornwalt | | Yes | | Yes | Yes | | | Yes | | |
| Hal Gibbs | Yes | Yes | Yes (by phone) | Yes | Yes | | | | | |
| Chad Julian | | | | | | | | | | Yes |
| Don Kennedy | | | | | | | | | | |
| Terra Lenihan | | | Yes (23) | Yes | Yes (23) | Yes | Yes (12) | | Yes | Yes |
| Paige Lewis | | | | | | | | | | Yes |
| Mark Martin | | | Yes (70) | Yes | Yes (70) | Yes | Yes (70) | Yes (65) | Yes | Yes |
| Kathie Mattor | Yes | | | | | | | | | Yes (120) |
| Sara Mayben | Yes | | Yes (105) | Yes | Yes (113) | | Yes (114) | | | |
| Kristen Pelz | Yes | | | | | | | | Yes | Yes |
| Claudia Regan | | | | | | | | | | |
| Rocky Smith | | | | | | | | | | |
| Diane Strohm | Yes | | | | | | | | | |
| Rick Truex | Yes | Yes | Yes (4) | | Yes (4) | | | | | |
| Jeff Underhill | | Yes | Yes (5) | | Yes (5) | Yes | Yes (114) | | Yes | Yes |
| Brett Wolk | | | | Yes | Yes | Yes | | Yes (55) | | Yes |

Colorado's Fire Seasons

Thousands of acres of wildfire per year (Total = 1.9 million acres of wildfire since 1995)



Sources: 1995 – 2010: Rocky Mountain Area and Coordination Center Annual Activity Report (2001-2004); Wildland Fire Activity by Cause, Combining Federal and Non-federal Agencies Within Each State (www.fs.fed.us/r2/fire/oo_annual_report.pdf); 2011 – 2012: http://www.nifc.gov/fireInfo/fireInfo_statistics.html



Progress Towards the Roundtable Vision

Direct Roundtable Successes

1. Launched the self-sustaining **Woodland Park Healthy Forest Initiative** (WPHFI) with seed funds of \$75,000 provided by Roundtable members and partners, which the WPHFI leveraged into an additional \$175,000 in other funding
2. Helped submit a winning proposal to the **Collaborative Forest Landscape Restoration Program** (CFLRP) for an additional \$1 million for Front Range National Forests in FY10, \$3.4 million in FY11, \$3.1 million in FY12, and \$3.8 million *allocated* for 2013.

Partners' successes consistent with recommendations

1. **Long term stewardships contracts:** Arapaho-Roosevelt and Pike-San Isabel (3,000 acres/yr for 10 years)
2. **Increased federal funding for on the ground treatments:** \$1.8 mm more in 2008 than in 2006; \$1 million in 2009 ARRA funds
3. **Biomass utilization:** bioheating in Gilpin, Boulder, and Park counties; planned in El Paso; 22 slash sites for private landowners across Front Range
4. **CWPPs:** 75 Front Range CWPPs approved (out of 151 completed in Colorado)
5. **Policies:** Passage of state legislation authorizing the creation of local Forest Improvement Districts



2015 Roundtable, Landscape Restoration & Wildlife Team Calendar *(dates subject to change)*

| Team/Event | Location | Date | Time |
|------------------------------|--|------------------------------|------------|
| Quarterly Roundtable Meeting | USGS, Denver Federal Center | Friday, November 14, 2014 | 9-3:30 |
| LR Team Monthly Meeting | JeffCo Taj Bldg, 100 Jefferson County Pkwy, Golden, CO 80419 | Wednesday, December 10, 2014 | 10am - 3pm |
| LR Team Monthly Meeting | GoTo Meeting | Wednesday, January 14, 2015 | 11:30-3 |
| WWT Quarterly Meeting | TBD | Tuesday, January 27, 2015 | 10-3 |
| LR Team Monthly Meeting | JeffCo Taj Bldg, 100 Jefferson County Pkwy, Golden, CO 80419 | Wednesday, February 11, 2015 | 10-3 |
| Quarterly Roundtable Meeting | Colorado Springs | Friday, February 20, 2015 | 9-3:30 |
| LR Team Monthly Meeting | GoTo Meeting | Wednesday, March 11, 2015 | 11:30-3 |
| LR Team Monthly Meeting | JeffCo Taj Bldg, 100 Jefferson County Pkwy, Golden, CO 80419 | Wednesday, April 8, 2015 | 10-3 |
| WWT Quarterly Meeting | TBD | Tuesday, April 21, 2015 | 10-3 |
| LR Team Monthly Meeting | GoTo Meeting | Wednesday, May 13, 2015 | 11:30-3 |
| Quarterly Roundtable Meeting | Denver | Friday, May 15, 2015 | 9-3:30 |
| LR Team Monthly Meeting | JeffCo Taj Bldg, 100 Jefferson County Pkwy, Golden, CO 80419 | Wednesday, June 10, 2015 | 10-3 |
| LR Team Monthly Meeting | GoTo Meeting | Wednesday, July 8, 2015 | 11:30-3 |
| WWT Quarterly Meeting | TBD | Tuesday, July 21, 2015 | 10-3 |
| LR Team Monthly Meeting | JeffCo Taj Bldg, 100 Jefferson County Pkwy, Golden, CO 80419 | Wednesday, August 12, 2015 | 10-3 |
| Quarterly Roundtable Meeting | Longmont | Friday, August 28, 2015 | 9-3:30 |
| LR Team Monthly Meeting | GoTo Meeting | Wednesday, September 9, 2015 | 11:30-3 |
| LR Team Monthly Meeting | TBD | Wednesday, October 14, 2015 | 10-3 |
| WWT Quarterly Meeting | TBD | Tuesday, October 20, 2015 | 10-3 |
| Quarterly Roundtable Meeting | Denver | Friday, December 4, 2015 | 9-3:30 |
| LR Team Monthly Meeting | GoTo Meeting | Wednesday, November 18, 2015 | 11:30-3 |
| LR Team Monthly Meeting | JeffCo Taj Bldg, 100 Jefferson County Pkwy, Golden, CO 80419 | Wednesday, December 9, 2015 | 10-3 |

