

# Landscape Restoration Team

Meeting 42

April 2, 2014



# LR Team Agenda April 2 – Meeting 42

1. Welcome, Ice Breaker, Review of Goals and Work plan 10:00-10:15
2. Decide on the AM model (one diagrams or two diagrams)  
(Greg, Peter, Rob) 10:15-10:25
3. Decide on Executive Team liaison 10:25-10:35
4. Understory team update (Paula) 10:35-10:45
5. Discuss Forest Service 2014 budget 10:45-11:45
6. Stand Reconstruction overview (Peter) 11:45-12:00
7. Sub-team Project outline 12:00-12:10
8. Calendar - Plan summer field trips (Mark, Jeff) 12:10-12:30



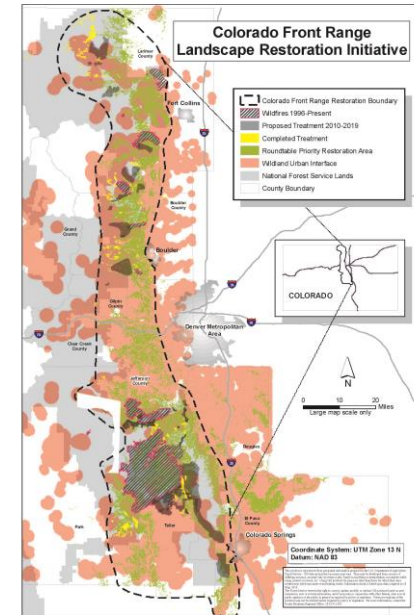
# Project Outline: Landscape Restoration Team

|  |                                   |  |
|--|-----------------------------------|--|
| <b>Team Name:</b> Landscape Restoration Team | <b>Timeline</b> Oct. 2010 to 2025 | <b>Sponsors</b> Front Range Roundtable |
|--|-----------------------------------|--|

|                      |   |
|----------------------|---|
| <b>CY 2014 Goals</b> | <ol style="list-style-type: none"> <li>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.</li> <li>2. Gather, analyze, and evaluate new science and research methods to refine definitions of desired conditions</li> <li>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</li> </ol> |
|----------------------|---|

## 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 ecological<sup>1</sup>, 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

1. 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 (Yvette); Stand Reconstruction Team (Peter); LCC Monitoring (Jenny, closed); Operationalizing Adaptive Management Team (Rob); GTR Team (Rob); AR South Zone project (Mark)
2. This LR team is currently only focused on topics related to CFLRP

## CY 2014 Deliverables

1. 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
2. Summer field trips (end of June / early July)
3. Project outlines for each subteam that feeds into the LR team
4. National indicators reporting (Nov. 15, 2014; week prior to Region)
5. Report to Roundtable (August 29, 2014)
6. Reports from Heterogeneity Team and Upper Monument Creek on desired conditions
7. Landscape identified in the AR for collaborative planning and implementation (possibly Gilpin, Clear Creek or Boulder Counties)

# 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)

**Feb-May:** Plan ARP and PSI field trip sites

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

**Nov 13:** Report on 2012 social & economic monitoring

**Jan 15:** Report on spatial heterogeneity

**March 2014:** Review GTR draft

**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

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

**March 13:** Report on CSE results

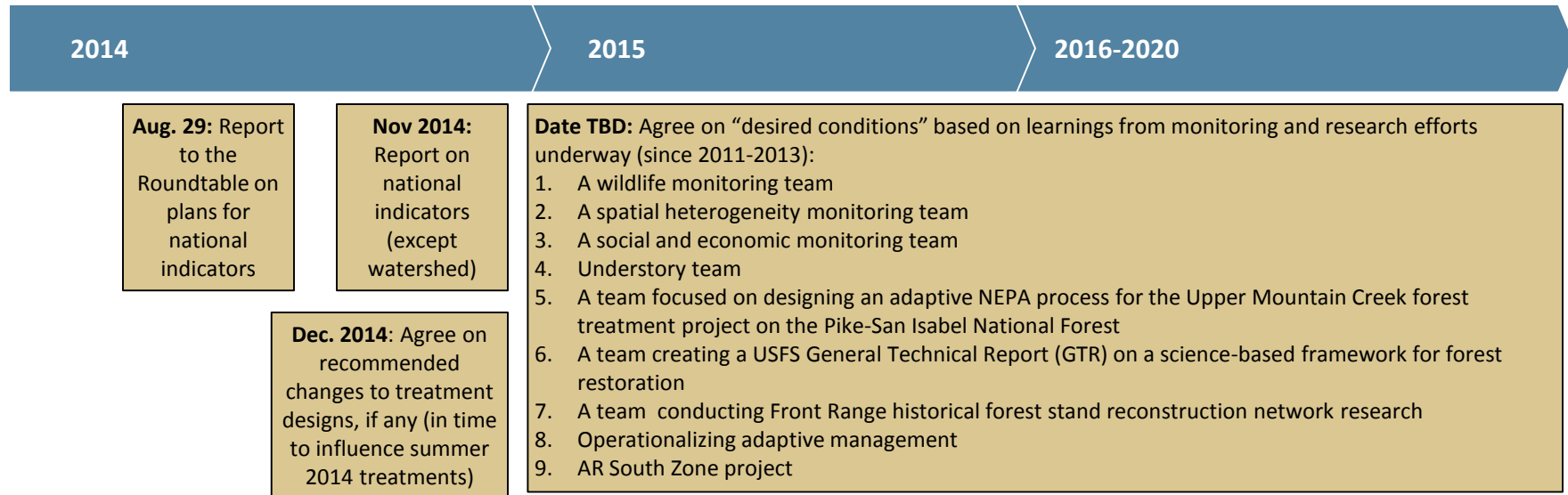
**April-May:** Write more detailed description of adaptive management process






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

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



# Landscape Restoration Team: Long Term High Level Work Plan



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



# Adaptive Management Model– 1 or 2 pages?

| # of votes                      | Model                                | Notes   |
|---------------------------------|--------------------------------------|---|
| 7                               | 1-page model                         | <ul style="list-style-type: none"> <li>• I like having everything in one place and I think the reader can be logically walked through the diagram with a nice explanatory figure caption.</li> <li>• (Voted for the 2-page) However, I do like the color added to the (1-page) diagram.</li> <li>• I think it spells the concepts out very concisely. My only concern is the red box stating “Modify or cancel contract.” Cancelling a contract has huge ramifications and would likely raise some hackles. I could see modifying an existing contract, or adjusting terms in future task orders or awards. Could we soften this box up by omitting “cancel?”</li> </ul>  |
| 5                               | 2-page model                         | <ul style="list-style-type: none"> <li>• The reason we separated them in the first place was to alleviate confusion. They are very different types of monitoring and should be kept separate.</li> <li>• They are two separate processes, combining them only confuses an already busy diagram</li> </ul>   |
| 2<br><i>(Of those 11 votes)</i> | Use both, but for different purposes | <ul style="list-style-type: none"> <li>• I like (2-page) for the public and (1-page) for internal purposes. (For a 1-page diagram), I think it would be great to pass around to our foresters and techs that will be administering the contracts so they understand how it fits into the larger process of implementation. (For a 2-page diagram), it might be good to mention the idea of trigger points on the adaptive monitoring side because we are going to be trying to explain that concept to the public with Upper Monument Creek. I’m not sure everyone needs to know about how the contracting process fits in and it tends to get very busy.</li> <li>• From a communications standpoint, leaving these as separate processes makes them each more clear. However, for formal presentations, I think a 1-page animated model will work.</li> </ul> |

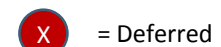
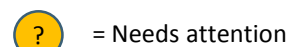
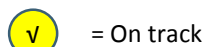


# LR Team Next Steps from the 4-2-14 meeting

- **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)
  - 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
- **Greg:**
  - Finish your review of the AM paper



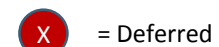
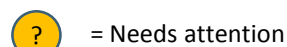
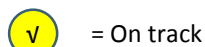
# LR Team Next Steps from the 3-12-14 meeting

- **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

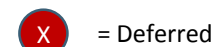
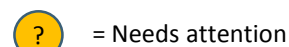
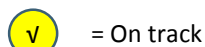
- Sara:** discuss with **Hal, Mark, and Jeff** what the total CFLR monitoring budget can be and what might be the available budget for wildlife monitoring (after final CFLR money allocated), by April 12
- Lynne:** use \$100k ballpark estimate to begin writing agreement with RMBO, talk through scenarios 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” report
  - ✓ 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. ⚠ **Jenny:** Keep working on LCC report; send final report to the LR team
6. ✓ **Jvette:** 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



= On track

Front Range Roundtable

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= Needs attention

10






= Deferred

# LR Team Next Steps from the 12-11-13 meeting

1.  **Paula:** Schedule meeting with Claudia, Hal, Steve Olson, Steve Popovich to Identify possible team members and scope of work for understory team
2. **Hal:**
  -  a. Talk to Steve Popovich about understory team launch.
  -  b. Update the Colorado's Fire Season slide for our About the Roundtable presentation (slide copied on next page).
  -  c. Update CFLR dollar amount received for 2013 for our Progress Towards the Roundtable Vision slide (slide pasted here for your reference).
3.  **Jeff:** Talk to Steve Olson about understory team launch, Let Sara know too
4.  **Rob:** Talk to Tony about if CFRI can offer capacity to understory team
5.  **Greg:** We did not get to discuss this today, but can you please turn the AM paper into an “addendum to the CFLR monitoring plan” that we can post to the website? That is the last step on this effort (other than your team’s effort to publish a peer-reviewed article)
6. **Terra:**
  -  a. Post the attached documents to the LR page as meeting materials for today’s meeting
  -  b. Move 1/15 LR meeting to 1/23 (Thursday) – check with Yvette, Jenny, Jonas that they can present that day; change room reservation to 1/23
  - c. Ask Paige if she can present on UFCWRP on January 23 (also ask if there is someone else from TNC that can start regularly attending LR meetings now that Mike is retiring)
  - d. Ask Kathie to send the S-E monitoring results for 2012 to post on website
  - e. When Rob sends you 2012 CSE monitoring results, post to website
  - f. Ask Jenny for 2011 LCC monitoring results for posting on website
  - g. Check with Peter on if he loaded the movie he wants to show on 1/10 on the FTP site (and if so, let Gali know to download it to her laptop)
  - h. Create new calendar slide for LR team
  - i. Note: you do not need to update the XLS work plan – I am finding that keeping the PPT slides of next steps per meeting in the meeting document itself is working well as a tracking system (and reducing work)

Here are the previous next steps from the Nov meeting that are still open:

1.  **Rob:** schedule and hold organizing meeting of the “operationalizing adaptive management” team to set goals and work plan – by Jan LR meeting
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) – Jan meeting
3.  **Peter:** Put on FTP site the movie you want to show at the 1/10 RT meeting



= Completed



= On track

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= Needs attention



= 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 |
|-------------------------|---|---|---|------------------|-------|-------------|-------------------|------------------|--|--------------------------------|
| <b>Rob Addington</b>    | Colorado State University               |   |   | Ft. Collins      |       |             |                   | 970-449-2049     | <a href="mailto:rob.addington@colostate.edu">rob.addington@colostate.edu</a>       | Yes                            |
| <b>Greg Aplet</b>       | The Wilderness Society                  | Senior Forest Scientist   | 1660 Wynkoop Street, Suite 850          | Denver           | CO    | 80202       | 303-650-5818 x104 | 720-244-2083     | <a href="mailto:greg_aplet@twrs.org">greg_aplet@twrs.org</a>                       | Yes                            |
| <b>Mike Battaglia</b>   | US Forest Service, RMRS                 | Research Silviculturalist   | 240 West Prospect Road                  | Fort Collins     | CO    | 80526       | 970-498-1286      | 970-420-7830     | <a href="mailto:mbattaglia@fs.fed.us">mbattaglia@fs.fed.us</a>                     | Yes                            |
| <b>Gali Beh</b>         | Beh Management Consulting, Inc.         | Front Range Roundtable Facilitator                                      | 637-B South Broadway, #134              | Boulder          | CO    | 80305       | 303-499-1576      | 303-514-2375     | <a href="mailto:gali@behconsulting.com">gali@behconsulting.com</a>                 | Yes                            |
| <b>Jenny Briggs</b>     | US Geological Survey                    | Research Ecologist  | DFC Building 810                        | Lakewood         | CO    | 80225       | 303-202-4078      | 303-518-0925     | <a href="mailto:jsbriggs@usgs.gov">jsbriggs@usgs.gov</a>                           | Yes                            |
| <b>Peter Brown</b>      | Rocky Mountain Tree-Ring Research       | Director  | 2901 Moore Lane                         | Ft. Collins      | CO    | 80526       | 970-229-9557      | 970-310-9432     | <a href="mailto:pmb@rmtrr.org">pmb@rmtrr.org</a>                                   | Yes                            |
| <b>Jonathan Bruno</b>   | Coalition for the Upper South Platte    | Director  | PO Box 726                              | Lake George      | CO    | 80827       | 719-748-0033      | 303-588-9824     | <a href="mailto:jonathan@uppersouthplatte.org">jonathan@uppersouthplatte.org</a>   | No                             |
| <b>Evan Burks</b>       | USFS-PSICC                              | Partnership Coordinator   |   |                  |       |             | 719-553-1520      |                  | <a href="mailto:ejburks@fs.fed.us">ejburks@fs.fed.us</a>                           | Yes                            |
| <b>Tony Cheng</b>       | Colorado State University               | Associate Professor, Dept. of Forest, Rangeland & Watershed Stewardship | 131 Forestry Building                   | Fort Collins     | CO    | 80523-1472  | 970-491-1900      | Skype: chengt714 | <a href="mailto:tony.cheng@colostate.edu">tony.cheng@colostate.edu</a>             | No                             |
| <b>Casey Cooley</b>     | Colorado Division of Parks and Wildlife | Montane/Forest Habitat Coordinator                                      | 4255 Sinton Road                        | Colorado Springs | CO    | 80907       | 719-227-5227      | 719-660-1427     | <a href="mailto:Casey.Cooley@state.co.us">Casey.Cooley@state.co.us</a>             | Yes                            |
| <b>Lynne Deibel</b>     | US Forest Service, ARP                  | Forest Wildlife Biologist   | 2150 Centre Avenue, Building E          | Fort Collins     | CO    | 80526       | 970-295-6638      | 970-420-1670     | <a href="mailto:lcdeibel@fs.fed.us">lcdeibel@fs.fed.us</a>                         | Yes                            |
| <b>Yvette Dickinson</b> | Colorado State University               | Assistant Professor   | 132 Forestry, Colorado State University | Ft. Collins      | CO    | 80532       | 970-491-7580      | 814-308-3181     | <a href="mailto:yvette.dickinson@colostate.edu">yvette.dickinson@colostate.edu</a> | 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 |
|-------------------------------|--|---|---|--------------|-------|-------------|--------------|---------------------------------------|--|--------------------------------|
| <b>Rich Edwards</b>           | Colorado State Forest Service          | Assistant Staff Forester                | Colorado State University<br>5060 Campus Delivery | Fort Collins | CO    | 80523       | 970-491-8036 | 970-213-8619                          | <a href="mailto:Rich.Edwards@colostate.edu">Rich.Edwards@colostate.edu</a>         | No                             |
| <b>Richard (Dick) Edwards</b> | US Forest Service, Canyon Lakes        | Fire, Fuels, Timber Staff               | 2150 Centre Avenue, Building E                    | Ft. Collins  | CO    | 80526       | 970-295-6760 | 970-219-5967                          | <a href="mailto:rsedwards@fs.fed.us">rsedwards@fs.fed.us</a>                       | Yes                            |
| <b>Jonas Feinstein</b>        | Natural Resources Conservation Service | State Forester                          | DFC Building 56                                   | Lakewood     | CO    | 80225       | 720-544-2839 | 970-218-8364                          | <a href="mailto:jonas.feinstein@co.usda.gov">jonas.feinstein@co.usda.gov</a>       | Yes                            |
| <b>Paula Fornwalt</b>         | US Forest Service, RMRS                | Research Ecologist                      | 240 West Prospect Road                            | Fort Collins | CO    | 80526       | 970-498-2581 | 970-420-8276                          | <a href="mailto:pfornwalt@fs.fed.us">pfornwalt@fs.fed.us</a>                       | Yes                            |
| <b>Pam Froemke</b>            | US Forest Service, RMRS                |   |   |              |       |             |              |                                       | <a href="mailto:pfroemke@fs.fed.us">pfroemke@fs.fed.us</a>                         | No                             |
| <b>Hal Gibbs</b>              | US Forest Service, ARP                 | Ecosystems Group Leader                 | 2150 Centre Avenue, Building E                    | Fort Collins | CO    | 80526       | 970-295-6630 | 970-222-2288<br>Cell/970-203-0120Home | <a href="mailto:hdgibbs@fs.fed.us">hdgibbs@fs.fed.us</a>                           | Yes                            |
| <b>Chelsea Gunsalus</b>       | US Forest Service, ARP                 |   |   |              |       |             | 970-252-6416 |                                       | <a href="mailto:cgunsalus@fs.fed.us">cgunsalus@fs.fed.us</a>                       | No                             |
| <b>Laurie Huckaby</b>         | US Forest Service, RMRS                | Ecologist                               | 240 West Prospect                                 | Fort Collins | CO    | 80526       | 970-498-1298 |                                       | <a href="mailto:lhuckaby@fs.fed.us">lhuckaby@fs.fed.us</a>                         | No                             |
| <b>Chad Julian</b>            | Boulder County                         | Lead Forester                           | 5201 St. Vrain Road                               | Longmont     | CO    | 80503       | 303-579-8419 |                                       | <a href="mailto:cjulian@bouldercounty.org">cjulian@bouldercounty.org</a>           | Yes                            |
| <b>Don Kennedy</b>            | Denver Water                           | Environmental Scientist                 | 1600 West 12th Avenue                             | Denver       | CO    | 80254       | 303-628-6528 | 720-272-3685                          | <a href="mailto:don.kennedy@denverwater.org">don.kennedy@denverwater.org</a>       | No                             |
| <b>Terra Lenihan</b>          | Beh Management Consulting, Inc.        |   | 350 Coral Street                                  | Broomfield   | CO    | 80020       | 303-499-1576 | 303-709-4774                          | <a href="mailto:terra@behconsulting.com">terra@behconsulting.com</a>               | Yes                            |
| <b>Paige Lewis</b>            | The Nature Conservancy                 | Director of Forest Restoration and Fire | 2424 Spruce Street                                | Boulder      | CO    | 80302       | 303-817-8648 | 303-817-8648                          | <a href="mailto:paige_lewis@tnc.org">paige_lewis@tnc.org</a>                       | Yes                            |
| <b>Mark Martin</b>            | US Forest Service, Boulder             |   | 2150 Centre Ave                                   | Ft. Collins  | CO    |             |              | 303-245-6409                          | <a href="mailto:mlmartin@fs.fed.us">mlmartin@fs.fed.us</a>                         | Yes                            |
| <b>Kathie Mattor</b>          | Colorado State University              | Graduate Research Assistant             | 131 Forestry Building                             | Fort Collins | CO    | 80523-1472  | 970-402-1206 | (970) 402-1206                        | <a href="mailto:katherine.mattor@colostate.edu">katherine.mattor@colostate.edu</a> | 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 |
|-----------------------------|-------------------------------|-------------------------------------|---------------------------|--------------|-------|-------------|--------------|--------------|--|--------------------------------|
| <b>Sara Mayben</b>          | US Forest Service, PSICC      | Renewable Resources Staff Officer   | 2840 Kachina Drive        | Pueblo       | CO    | 81008       | 719-553-1400 | 719-395-9432 | <a href="mailto:smayben@fs.fed.us">smayben@fs.fed.us</a>                           | Yes                            |
| <b>Ken Morgan</b>           | Colorado Division of Wildlife | Private Lands Coordinator           | 6060 Broadway             | Denver       | CO    | 80016       | 303-291-7404 | 970-227-9601 | <a href="mailto:Ken.Morgan@state.co.us">Ken.Morgan@state.co.us</a>                 | No                             |
| <b>Kawa Ng</b>              | US Forest Service             |                                     |                           | Fort Collins |       |             |              |              | <a href="mailto:kng@fs.fed.us">kng@fs.fed.us</a>                                   | No                             |
| <b>Kristen Pelz</b>         | Colorado State University     | PhD Student                         | 2400 Evergreen Dr.        | Fort Collins | CO    | 80521       | 303-859-0892 | 303-859-0892 | <a href="mailto:kapelz@gmail.com">kapelz@gmail.com</a>                             | Yes                            |
| <b>Claudia Regan</b>        | US Forest Service-Region 2    | Regional Vegetation Ecologist       | 740 Simms                 | Lakewood     | CO    | 80401       | 303-275-5004 | 970-290-9895 | <a href="mailto:cregan@fs.fed.us">cregan@fs.fed.us</a>                             | Yes                            |
| <b>Julie Schaefer</b>       | US Forest Service, R2         | Regional Social Scientist           | 740 Simms                 | Golden       | CO    | 80401       | 303-275-5194 |              | <a href="mailto:jschaefer@fs.fed.us">jschaefer@fs.fed.us</a>                       | No                             |
| <b>Courtney Schultz</b>     | Colorado State University     | Assistant Professor                 | Colorado State University | Fort Collins | CO    | 80521-1472  | 970-491-6556 |              | <a href="mailto:courtney.schultz@colostate.edu">courtney.schultz@colostate.edu</a> | No                             |
| <b>Rocky Smith</b>          | Private citizen               |                                     |                           |              |       |             |              | None         | <a href="mailto:2rockwsmith@gmail.com">2rockwsmith@gmail.com</a>                   | No                             |
| <b>Diane Strohm</b>         | US Fish & Wildlife Service    | Natural Resource Manager / Forester | 4220 Turner Road          | Monument     | CO    | 80132       | 719-333-3308 | 719-338-5646 | <a href="mailto:diane.strohm.1@us.af.mil">diane.strohm.1@us.af.mil</a>             | Yes                            |
| <b>Carrie Tremblatt</b>     | US Forest Service, R2         |                                     | 740 Simms                 | Golden       | CO    | 80401       |              |              | <a href="mailto:tremblatt@gmail.com">tremblatt@gmail.com</a>                       | No                             |
| <b>Richard (Rick) Truex</b> | US Forest Service, R2         | Regional Wildlife Ecologist         | 740 Simms                 | Lakewood     | CO    | 80401       | 303-275-5022 | 720-425-2998 | <a href="mailto:rtruex@fs.fed.us">rtruex@fs.fed.us</a>                             | Yes                            |
| <b>Jeff Underhill</b>       | US Forest Service, PSICC      | Forest Silviculturist               | 2840 Kachina Drive        | Pueblo       | CO    | 81008       | 719-553-1513 | 719-553-7407 | <a href="mailto:junderhill@fs.fed.us">junderhill@fs.fed.us</a>                     | Yes                            |
| <b>Brett Wolk</b>           | Colorado State University     |                                     |                           |              |       |             |              |              | <a href="mailto:Brett.Wolk@colostate.edu">Brett.Wolk@colostate.edu</a>             | Yes                            |
| <b>Nick Young</b>           | Colorado State University     |                                     |                           |              |       |             |              |              | <a href="mailto:Nicholas.Young@Colo.state.edu">Nicholas.Young@Colo.state.edu</a>   | Yes                            |



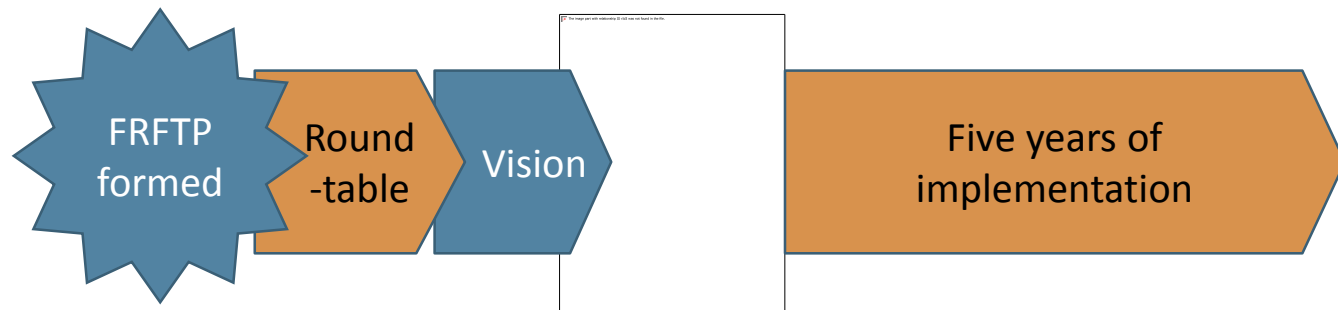
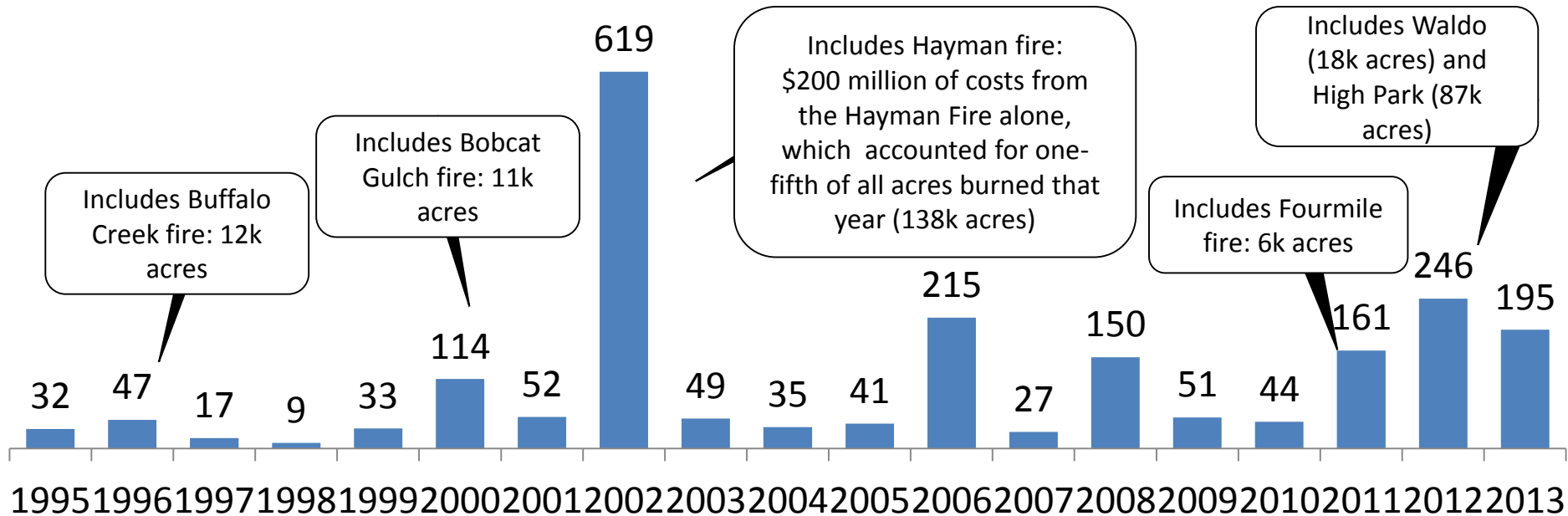
# Roundtable Landscape Restoration Team— Attendance (1 Way Mileage)

*This chart shows attendance records for the Landscape Restoration Team from March 2013 to March 2014. Only members who have attended during the past year are shown.*

| Full Name        | Attended 03/13 Meeting | Attended 05/08/13 phone meeting | Attended 7/9 Fieldtrip AR Red Feather 2 | Attended 7/11 Fieldtrip PSICC | Attended 8/14/13 LR mtg | Attended 11/13/13 Meeting | Attended 12/11/13 Phone Meeting | Attended 2/12/14 Meeting | Attended 3/12/14 GoTo Meeting |
|------------------|------------------------|---------------------------------|---|-------------------------------|-------------------------|---------------------------|---------------------------------|--------------------------|-------------------------------|
| Rob Addington    | Yes (70)               | Yes                             | Yes (2)                                 | Yes (300)                     | Yes (80)                | Yes                       | Yes                             | Yes (70)                 | Yes                           |
| Greg Aplet       | Yes (10)               | Yes                             | Yes (65)                                | Yes (100)                     | Yes (10)                | Yes                       | Yes                             |                          | Yes                           |
| Mike Battaglia   |                        |                                 | Yes (1)                                 | Yes (100)                     |                         |                           |                                 |                          |                               |
| Gali Beh         | Yes (31)               | Yes                             | Yes (50)                                | Yes (40)                      | Yes (30)                | Yes                       | Yes                             | Yes (30)                 | Yes                           |
| Jenny Briggs     | Yes (2)                | Yes                             |   |                               |                         | Yes                       |                                 |                          | Yes                           |
| Peter Brown      | Yes (by phone)         |                                 | Yes (2)                                 | Yes (300)                     | Yes                     | Yes                       | Yes                             | Yes                      | Yes                           |
| Evan Burks       |                        |                                 |   |                               |                         | Yes                       | Yes                             |                          |                               |
| Casey Cooley     |                        |                                 | Yes                                     | Yes (50)                      | Yes (65)                |                           |                                 | Yes (65)                 |                               |
| Lynne Deibel     |                        |                                 | Yes                                     | Yes                           |                         |                           | Yes                             | Yes                      |                               |
| Yvette Dickinson | Yes (35)               |                                 | Yes                                     | Yes                           | Yes                     |                           |                                 |                          | Yes                           |
| Dick Edwards     | Yes                    | Yes                             | Yes                                     | Yes                           | Yes                     |                           | Yes                             | Yes                      | Yes                           |
| Jonas Feinstein  | Yes                    |                                 |   |                               |                         | Yes                       |                                 |                          |                               |
| Paula Fornwalt   | Yes                    |                                 |   |                               |                         |                           | Yes                             |                          | Yes                           |
| Hal Gibbs        | Yes (70)               |                                 | Yes                                     | Yes (170)                     | Yes (70)                | Yes                       | Yes                             | Yes (by phone)           | Yes                           |
| Chad Julian      |                        |                                 |   | Yes                           |                         |                           |                                 |                          |                               |
| Terra Lenihan    |                        |                                 | Yes (15)                                | Yes (12)                      |                         |                           |                                 | Yes (23)                 | Yes                           |
| Paige Lewis      |                        |                                 | Yes (145)                               | Yes                           |                         |                           |                                 |                          |                               |
| Mark Martin      | Yes                    | Yes                             | Yes                                     | Yes                           |                         |                           |                                 | Yes (70)                 | Yes                           |
| Kathie Mattor    |                        |                                 |   |                               |                         | Yes                       |                                 |                          |                               |
| Sara Mayben      | Yes (125)              | Yes                             | Yes                                     |                               |                         | Yes                       |                                 | Yes (105)                | Yes                           |
| Kristen Pelz     |                        |                                 |   |                               |                         | Yes                       |                                 |                          |                               |
| Claudia Regan    | Yes                    |                                 |   |                               |                         |                           |                                 |                          |                               |
| Diane Strohm     |                        |                                 |   |                               |                         | Yes                       |                                 |                          |                               |
| Rick Truex       |                        |                                 | Yes                                     | Yes (95)                      |                         | Yes                       | Yes                             | Yes (4)                  |                               |
| Jeff Underhill   | Yes                    | Yes                             |   |                               | Yes (120)               |                           | Yes                             | Yes (5)                  |                               |
| Brett Wolk       |                        |                                 |   |                               |                         |                           |                                 |                          | Yes                           |
| Nick Young       |                        |                                 |   |                               | 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](http://www.fs.fed.us/r2/fire/oo_annual_report.pdf)); 2011 – 2012: [http://www.nifc.gov/fireInfo/fireInfo\\_statistics.html](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



# LR Meeting Planned Agenda Topics

April

1. Stand Reconstruction presentation (Peter Brown, RMTRR)
  2. Decide on Executive Team Liaison
  3. Decide on the AM model (one diagrams or two diagrams) (Greg, Peter, Rob)
  4. Plan summer field trips (Mark, Jeff)
  5. Update on OAM jam session (review agenda, structure)
  6. National indicators – look at new data /map (Mark)
  7. Understory team update (Paula)
- 

May

1. GTR draft report (Rob)
  2. Discuss the two abstracts that were accepted for the IUFRO/SAF/CFI conference (Yvette)
  3. Stand Reconstruction
  4. LR Sub team project outline
  5. Plan July field trips
- 

August

1. Talk about budgeting/ long-term master plan for funding sub-teams



# 2014 Front Range Roundtable, LR & Wildlife Team Calendar

Red = changes

| Team       | Event                | Location   | Date                                 | Time               |
|------------|----------------------|--|--------------------------------------|--------------------|
| Roundtable | Quarterly Meeting    | Colorado Department of Wildlife - Colorado Springs             | Friday, January 10, 2014             | 9-3:30             |
| LR         | <b>LR Meeting 39</b> | <b>JeffCo Taj Bldg, 100 Jefferson County Pkwy, Golden</b>      | <b>Thursday, January 23, 2014</b>    | <b>10am - 3pm</b>  |
| WWT        | Monthly Meeting      | Colorado Department of Parks & Wildlife, 6060 Broadway, Denver | Tuesday, January 21, 2014            | 10am - 3pm         |
| LR         | <b>LR Meeting 40</b> | <b>JeffCo Taj Bldg, 100 Jefferson County Pkwy, Golden</b>      | <b>Wednesday, February 12, 2014</b>  | <b>10am - 3pm</b>  |
| WWT        | Monthly Meeting      | GoTo Meeting   | Tuesday, February 18, 2014           | 10am - 1pm         |
| LR         | <b>LR Meeting 41</b> | <b>GoTo Meeting</b>  | <b>Wednesday, March 12, 2014</b>     | <b>11:30am-3pm</b> |
| WWT        | Monthly Meeting      | USFS Regional Office, 740 Simms St. Golden                     | Tuesday, March 18, 2014              | 10am - 3pm         |
| LR         | <b>LR Meeting 42</b> | <b>JeffCo Taj Bldg, 100 Jefferson County Pkwy, Golden</b>      | <b>Wednesday, April 2, 2014</b>      | <b>10am - 3pm</b>  |
| Roundtable | Quarterly Meeting    | USGS, Lakewood   | Friday, April 11, 2014               | 9-3:30             |
| WWT        | Monthly Meeting      | USFS Regional Office, 740 Simms St. Golden                     | Tuesday, April 15, 2014              | 10am - 3pm         |
| LR         | <b>LR Meeting 43</b> | <b>GoTo Meeting</b>  | <b>Wednesday, May 14, 2014</b>       | <b>11:30am-3pm</b> |
| WWT        | Monthly Meeting      | USFS Regional Office, 740 Simms St. Golden                     | Tuesday, May 20, 2014                | 10am - 3pm         |
| LR         | <b>LR Meeting 44</b> | <b>USFS-RO</b>   | <b>Wednesday, June 11, 2014</b>      | <b>10am - 3pm</b>  |
| WWT        | Monthly Meeting      | USFS Regional Office, 740 Simms St. Golden                     | Tuesday, June 17, 2014               | 10am - 3pm         |
| LR         | <b>LR Meeting 45</b> | <b>GoTo Meeting</b>  | <b>Wednesday, July 9, 2014</b>       | <b>11:30am-3pm</b> |
| LR         | <b>LR Meeting 46</b> | <b>JeffCo Taj Bldg, 100 Jefferson County Pkwy, Golden</b>      | <b>Wednesday, August 13, 2014</b>    | <b>10am - 3pm</b>  |
| Roundtable | Quarterly Meeting    | TBD  | Friday, August 29, 2014              | 9-3:30             |
| LR         | <b>LR Meeting 47</b> | <b>GoTo Meeting</b>  | <b>Wednesday, September 10, 2014</b> | <b>11:30am-3pm</b> |
| LR         | <b>LR Meeting 48</b> | <b>USFS-RO</b>   | <b>Wednesday, October 8, 2014</b>    | <b>10am - 3pm</b>  |
| LR         | <b>LR Meeting 49</b> | <b>GoTo Meeting</b>  | <b>Wednesday, November 12, 2014</b>  | <b>11:30am-3pm</b> |
| Roundtable | Quarterly Meeting    | TBD  | Friday, November 14, 2014            | 9-3:30             |
| LR         | <b>LR Meeting 50</b> | <b>JeffCo Taj Bldg, 100 Jefferson County Pkwy, Golden</b>      | <b>Wednesday, December 10, 2014</b>  | <b>10am - 3pm</b>  |