

NOTES: SOFAR Landscape Vision Committee

Held: 7/23/20

Developed by Consensus Building Institute

Next Steps and Action Items

By Aug 6, All: Send comments on draft Red Fir Strategy to Greg Suba

By Aug 7, Becky: Reconvene the GIS sub-group (Dana, Greg, Becky, Brian) – See below for Tasks

Scot Rogers: will notify interested parties when a field trip for Brown Rock Project is scheduled (note, the project is outside of SOFAR, but of interest to members)

Next Meeting: Aug. 27, 1:00-3:00

Tahoe Central Sierra Initiative Framework for Resilience, Pat Manley

Pat Manley provided a detailed update on the TCSI framework. The group expressed interest in framework pillars' definition and attributes so collaborative partners can consider when developing projects and planning. Pat might be able to share the spreadsheets that define the variables associated with the pillars, which are outputs. The metrics within might help inform planning processes.

The Sierra Nevada Conservancy is going to serve as the data hub for GIS. The tables summarizing the elements of the pillars with more in-depth understanding for what is "behind" those tables will be hosted at SNC.

Draft Red Fir Strategy

Greg Suba, Norma Santiago, and Beverly Buluan synthesized all the work on Red Fir into a draft strategy. The Red Fir Strategy is intended to provide general guidelines on treatments based on condition. Members are going to review and provide feedback by Aug. 6. The Landscape Vision Committee will discuss again at its 27 August 2020 meeting.

Understanding reference conditions re: amount of Jeffrey pine.

The group could potentially look at some modeling and research to be able to provide estimates for Jeffrey pine in the red fir stands. What the group is considering as red fir is really mixed. The Committee has looked at historical data, but it tends to be more site-specific. It would be really helpful to understand historic conditions although the data are not that great.

Thinking about forest characteristics rising in elevation (up hill).

Ecosystems are shifting elevation with climate change. The Landis modeling for Lake Tahoe West did demonstrate a shift. Through the Landis modeling, Sofar might able to look at red fir and its trajectory. Landis could also look at Jeffrey pine and how it is shifting. Those data might be informative.

Desired conditions for red fir and seral class distribution

A few issues remain unresolved. One is to have some sense of **desired outcomes** – what does SOFAR hope to see in 100 years? What would SOFAR like to see for red fir?

Desired conditions for late seral closed and open-class distributions and percentages are also a point of discussion. Does the group want to set targets and agree upon that? How do we want to get there? Are we able to use fire to help create those conditions? Then, what role does the sanitation component play? Does SOFAR support taking out the larger trees to create opportunity to re-generate. Or, to what extent can we use fire? How do we proceed?

Seral stage (structure and age) is also of interest. The North Yuba project is also looking at this and could be a source. TCSI doesn't have all of this data for TCSI so TCSI is thinking of adopting the North Yuba data where possible. Pat would recommend a sub-group look at this more indepth if helpful.

Pat Manley has a reference for existing data, that then the group could refine over time.

Next Steps

Send comments on strategy by Aug. 6

GIS Analysis-Generated Priorities

(GIS Analysis to help prioritize where treatment occurs)

Becky recommends and others concur to reconvene the GIS sub-group (Dana, Greg, Becky, Brian). Becky will convene in the next 2 weeks.

The sub-group will tackle:

- 1) Climate exposure data – we need to reach consensus on the climate data and how we are using it.
- 2) If we are planning on using the data layers to prioritize, we need to come up with some rankings.
- 3) Work with the ENF GIS folks to finalize those products to get maps that we can share with the full group.
- 4) Consider looking at TCSI

Next Steps

The GIS sub-group will meet in the next few weeks.

Brown Rock Project,

David Zelinsky suggested the group look at the Brown Rock Project, and Greg Suba has developed a paper on it. The project is on the Consumnes River side; not in SOFAR.

After some discussion, District Ranger Scot Rogers offered to share information about a potential field trip rather than planning a meeting discussion.

5/28 Meeting Action Items for Reference

GIS Analysis, Prioritization

- Becky will follow up with Jim Thorne and some colleagues about how to rank the climate data.
- Becky will check in with the ENF GIS staff about availability
- Then, ENF GIS shop is going to help us with the ranking, merging, hopefully by 6/25

Posted Materials

- [Red Fir Strategy Intent](#)
- [Climate Change Tools GTR](#)
- Red Fir [GIS February Meeting Notes](#)
- Red Fir [White Paper](#) Finalized
- [External Facing Red Fir Strategy](#) (see attachment 02)
- [Updated Red Fir Field Trip Report](#)
- [GTR 263 on Red Fir National Range of Variability](#)
- Process Chart – to be posted

Background Work

1. Link to [Project Priorities Development List](#) (on Google Drive)
2. Link [Desired Conditions Zone Table \(on Google Drive\)](#)

[Link](#) to All Meeting Materials