

# SOFAR Landscape Meeting

Wednesday, March 08, 2017

1:10 PM

## - Report-out from Desired Conditions and Resilience Sub-group (10 minutes)

Jenn reported, summarizing the meeting notes

## - Group Discussion on Defining Resilience (30 minutes)

See references from Ben – the concept is a bit complex

Summary of theoretic model from Pat: if these systems are not self-sustaining, we must consider how much human input (i.e. management) are we able and willing to provide to maintain a desired state. Expect a multi-phase approach will be needed, so it might be a question of what can best be achieved with resources available?

What does **resiliency** mean to us (can we find a shared definition for us to work from)?

How does a system respond to disturbance? A set of characteristics that are not lost in disturbance, might flux and return within a set of tolerance. (wildfire, drought, climate change, pests...)

Start with the disturbances we expect, and work back to desired conditions.

OR

Start with desired conditions, decide what level of human input might be needed through anticipated disturbances.

Some definitions of resiliency is restricted to a natural ecological resilience; if human input is required, it becomes managed. Becomes a spectrum based on position on landscape (zone).

Community-based defines resiliency as homeowners, etc. not being reliant on fire suppression activities for survival.

Can we think of the expected disturbances that may affect each zone? What do we want each zone to provide?

Is this a social system (big box labeled "social" with a small "ecological" box within) or vice versa?

See graphic provided by Pat M. from CalAcademy work (attached PPT).

Possible definition of resiliency: the potential for high value (economic or ecological) damage or loss due to unintentional fire is consistently low.

## - Group Discussion on Crafting Desired Conditions (40 minutes)

See excel spreadsheet matrix (“thought experiment”) of characteristics of value (e.g. clean water), and their relationship to each management zone (i.e. Managed Wildfire Zone).

Each member of the committee will be asked to add characteristics so that we have a complete set of desired conditions, then indicate what zones they think would be critical to providing those conditions.

- Thoughts on Landscape Vision Statement (10 minutes)

Draft charter to be discussed at the next full meeting

Working Vision Statement for Landscape Group:

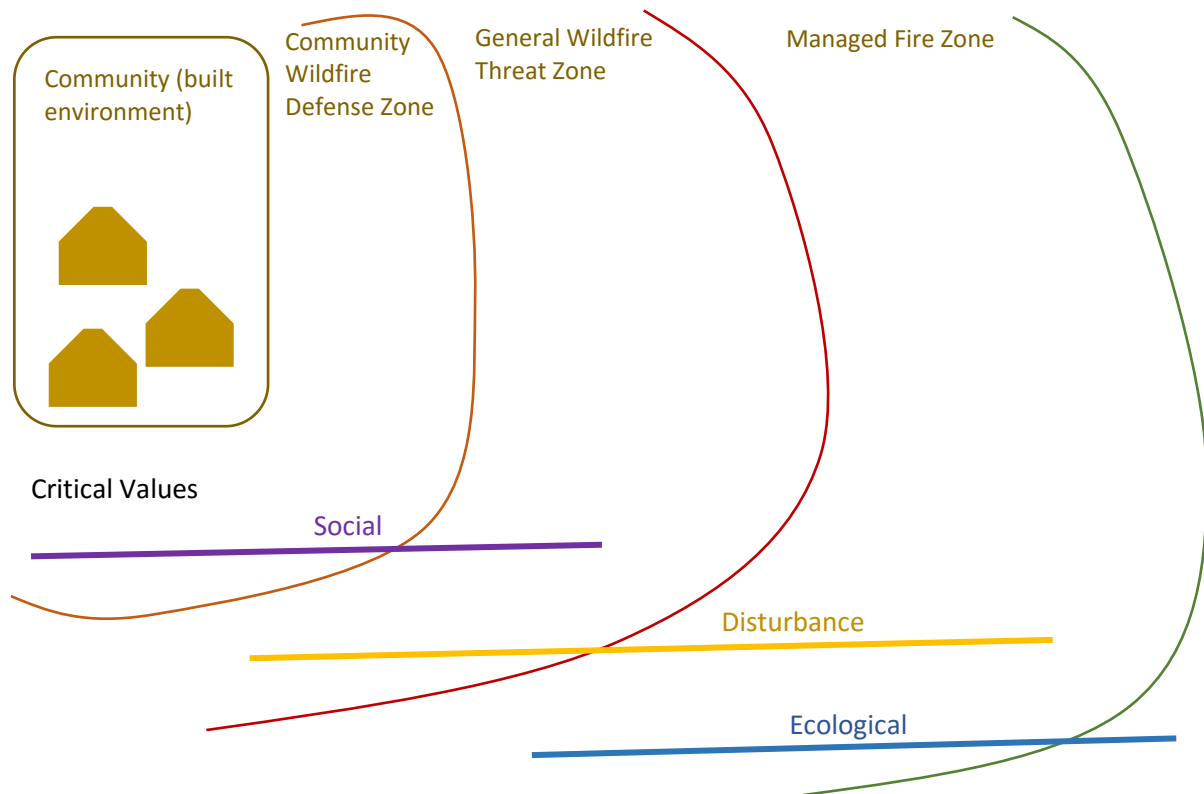
**Actively manage the landscape to achieve resilient ecosystems, communities, and economies through a collaborative process that is guided by science.**

- Discuss GIS Goals, Information Needs, and Priority Analyses (30 minutes)

Ask for data layers from North et al. (2015) treatment constraints paper.

- Talk with GIS Specialist (1 hour)

DIAGRAMS FROM THE MEETING (as best as I can reproduce them here)



# RELATIVE INPUT OF RESOURCES TO MAINTAIN DESIRED CONDITIONS

