SOFAR

Sub Group B: Spatial Needs Committee

6/6/17

In Attendance: Ben Solvesky, Richard Thornburg, Heather Campbell, Kendall Young, Jennifer DeWoody, Rob Scott, Michelle Havens, Dana Walsh

1) Objectives:
    a. GIS exercise to identify priority areas (Group B) GOAL FOR DRAFTS BY OCT. 31, 2017
        i. In the interim of the larger strategy need this information where projects might be needed and how effective are the treatments
        ii. Look at where projects are planned (what are we doing, where are we doing it, how effective is it)
    b. Map of all primary and secondary fuel breaks within SOFAR area (whole-lands approach, not by land owner); Identify current conditions of each (Group B) GOAL BY JULY 31, 2017
        i. Define anchor points and harden for future fire management
        ii. Options for Stevens Grants
        iii. Look at land ownerships for prioritization of treatments where they are partly implemented, but may not be complete.
2) Rob presented fire risk based on FRID and current SOFAR area projects
3) Prioritizing treatment areas:
    a. Where are our current projects and within those categories of treatment profile that have been implemented that modify how a fire burns?
        i. Modified Canopy Continuity/Cover
        ii. Modified Ladder Fuels
        iii. Modified Surface Fuels
    b. Where are the locations within SOFAR that existing conditions are transitioning to desired conditions? i.e. where are we okay with fire going through in moderate conditions (90th percentile).
    c. How long are projects good for? Depends on the vegetation structure and treatment intensity.
    d. What are priority areas?
        i. Randolph canyon is a large priority for Heather.
        ii. Differing scales of concepts (overall watershed/landscape scale and above example is a project scale need). Kendal – Heather should draw polygon on map and have it ready when we're ready to start planning projects.
        iii. Lots of work has been done in the area, but no one is capturing it all in one place.
        iv. Large scale projects vs small scale projects. We have been focusing on small scale but need to look at expanded scale.
        v. Landscape scale NEPA options for the future
        vi. Fuel break Noodles
    e. Existing Projects

        i. USFS

        ii. SPI

        iii. SMUD

        iv. Fire Safe Council

        v. Recreation Cabin owners

        vi. EID

4) Current efforts
   a. Rob is looking at where there are currently treatments that would modify fire behavior and where can we tie in a project.
      i. Example SPI effort, Sly Park Road
   b. Define resilient areas vs. non-resilient areas.
      i. Compiling different data sources to come to some condition assessment.
      ii. been using the word resilient, but for the fuel break discussion we are really looking at, is it a working anchor point during 90th percentile condition that is functioning.
   c. Identify fuel breaks then sub group C is looking at safe and effective fire suppression
   d. Rob putting Fuel breaks in the T drive on SOFAR workspace
   e. Need to identify where projects are completed, where they are planned, and where they need to be planned.

5) Consistency
   a. GTR 220 spatial heterogeneity across the landscape.
   b. Robs three categories are a good starting point for this effort and we can come back and change later if it doesn't work.
   c. What Data in Polygons: Treatment condition, how long or planned when, project name.

Next Steps:

1) Rob to look at fuel breaks (noodles) and current conditions at whatever level by next meeting.
2) Look at the rest of the data to compile
3) Meeting Date: Potentially 28th during Large meeting time at 1pm-4pm