



Last Chance Field Trip

September 12, 2011

## 1. Goal of SNAMP

Evaluate coordinated landscape treatments (i.e., SPLATS) on forest resources

Project Goal: Modify fire behavior and improve forest health while protecting other resources including water quality/quantity and wildlife habitat

## 2. Where we are

Treatments were designed by American River Ranger District (Fig. 1).

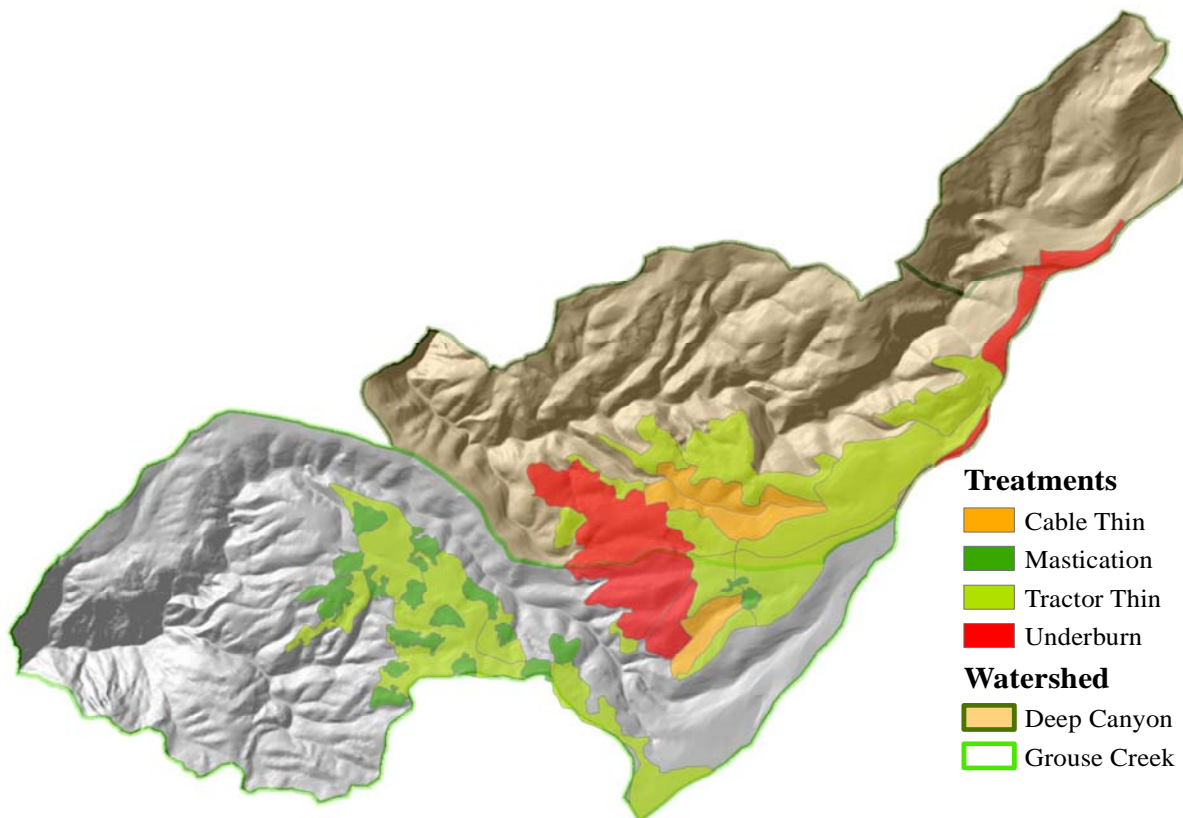


Figure 1. Coordinated landscape treatments in Last Chance project.

UC Science Team modeled impact on fire behavior (Collins et al. 2011).  
Conclusion: Treatments effective at reducing fire severity

Treatments begun in 2011; Completed in 2012.

### 3. Today's agenda

See treatments in the field

Discuss impacts on fire behavior and forest health

### 4. Update on forest health

Emphasis on tree growth -- Tree vigor necessary (but not sufficient) condition for a healthy forest.

Initial evidence suggests that thinning (reduced competition) can improve growth even under adverse environmental conditions.

