CFEOR Workshop: Landscape-scale mechanical fuels reduction treatments effects on fire behavior, fuel loads, and forest ecology

Sponsor: Southern Fire Exchange Consortium, UF School of Forest Resources and Conservation and the US Forest Service.

Date: September 28, 2011 9:30am-12:30pm

Osceola National Forest, 24874 US Highway 90 Olustee, FL

Number attended: 40

Open to the public

Overview:

A tour and discussion of new research conducted at the Osceola National Forest to quantify the wildfire risk reduction effectiveness and consequences to soil and vegetation of mechanically chopping and burning understory shrubs and small trees in pine flatwoods.

Objectives:

- To demonstrate how fuel reduction treatment effectiveness changes over time
- To communicate new research results on the effects of a decade of prescribed burns on subsequent fire severity
- To detail the effects of treatments on soil carbon, vegetation composition and structure, decomposition rates, and fuel loads
- To discuss the repercussions of fuels reduction treatments with fellow managers and landowners

Station	Time	Objective	Presenter
ONF main office	9:00am-9:30am	Registration, check in, welcome, arrange ride for field tour	Melissa Kreye
ONF main office	9:30-10:15	Presentation: Overview of research results	Leda Kobziar
Experimental Block Treatments A	10:15 - 11:15	Treatments: mow, burn, mow+burn, control Discuss effects on fuel loads, vegetation	Jesse Kreye
Experimental Block Treatments B	11:15 - 11:45	Treatments: mow, burn, mow+burn, control Contrast effects with site A	Leda Kobziar
Compartment 86	11:45 - 12:15	Areal mowing to reduce fire hazard. Discuss tree mortality following summer burning	Jesse Kreye, Leda Kobziar
ONF main office	12:15pm-12:30	Return to ONF office, pick up SAF CFE certificates.	