



July 8th, 2011 SNAMP Water Research Team Fieldtrip Agenda

10:00 am to 2:30 pm meeting at the Glen Meadows Work Center off of Dinkey Creek Road near Shaver Lake, CA.

Purpose: The goal of this field trip is to inform SNAMP participants and other interested parties about the research questions and methods used by the UC Water Team to study the effects of US Forest Service fuels treatment projects on water quality and quantity. The team will demonstrate how the embedded sensor networks, which employs state-of-the-art wireless technology, measures the variability of snow depth and soil moisture across the landscape and arrives at quantitative basin-scale estimates. This Kings River Experimental Watershed instrument cluster is also a prototype for a new, broader water-information system for Sierra Nevada snowpack and water cycle.

What	How	Who	Time
<i>I. Welcome and overview</i> <ul style="list-style-type: none"> ○ Introductions ○ SNAMP background/ overview 	Informal Presentation	Susie Kocher (facilitator)	10:00 -10:10 10 minutes
<i>II. Intro King's River Experimental Watershed</i>	Informal Presentation	Dr. Carolyn Hunsaker	10:10 – 10:20 10 minutes
<i>III. Intro to the SNAMP</i> <ul style="list-style-type: none"> ○ Objectives/Goals/Overview ○ A briefing on both watershed & stream sites 	Informal Presentation	Dr. Martha Conklin/Dr. Roger Bales	10:20 – 10:55 35 minutes
<i>IV. Travel to the top of P301 catchment</i>	Car pool		10:55 – 11:15 20 minutes
<i>IV. Show instrumentation</i> <ul style="list-style-type: none"> ○ Water-balance instrument cluster & flux tower site ○ Water quantity, evapo-transpiration, and forest density 	Presentation/discussion	Roger or Martha	11:15 – 12:00 45 minutes
Lunch in the forest at the top of P301 catchment - please bring a lunch			12:00 - 12:30
<i>Travel to P301 outlet</i>	Car pool		12:30 – 1:00 30 minutes
<i>Stream site</i> <ul style="list-style-type: none"> ○ Stream outlet instrumentation ○ Discuss water quality 	Presentation/Discussion	Martha and Roger	1:00 – 1:45 45 minutes
<i>Drive back to Glen Meadows Center</i> <i>Wrap up</i>	Car pool		1:45 – 2:30 pm 45 minutes