



The Sierra Nevada Adaptive Management Project (SNAMP) will be hosting a field trip with the University of California Water Team scientists **Thursday, November 18, 2010, 10 am to 2 pm.**

Participants in this Northern site (Last Chance) field trip will meet at the US Forest Service American River Ranger District station, 22830 Foresthill Rd. Foresthill, CA and then carpool to the research instrument cluster in the Duncan Peak vicinity.

A primary 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 quantity and quality. The team will demonstrate how the newly upgraded embedded sensor network, which employs the 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 Duncan Peak instrument cluster is also a prototype for a new, broader water-information system for Sierra Nevada snowpack and water cycle.

If you are interested in participating, please **RSVP** to Kim Ingram at [kcingram@ucdavis.edu](mailto:kcingram@ucdavis.edu) by November 10, 2010.

For questions regarding specifics on the development of the water-information system in the Sierra, contact Dr. Roger Bales at [rbales@ucmerced.edu](mailto:rbales@ucmerced.edu) .

We will be doing some slight hiking around 7000 ft elevation. Please wear appropriate shoes and be prepared for cool, wet weather. Also, please bring a sack lunch as we will be out in the field during lunch time.

### **Agenda for November 18, 2010 field trip:**

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| 10 am:         | Meet at American River Ranger District   |
| 10-10:30 am:   | Introduction & presentation (conference room)  |
| 10:30-11 am:   | Travel to Duncan Peak Met Station  |
| 11am-12:30 pm: | Tour Duncan Peak (show met station, sensor arrays, min/max snow depth areas, wireless demonstration) |
| 12:30-1:15 pm: | Lunch at Robinson Flat   |
| 1:15-1:30 pm:  | Final comments/statements  |
| 1:30-2 pm:     | Drive back to Ranger Station   |