



**Engineering Geology and Geologic Hazards in the Pit River area
Eastern Shasta County, California.**

**AEG Sacramento Section Summer Field Trip
July 25-26, 2009**

Co-Leaders-

Bill Page- PG&E

Tom Sawyer- Piedmont Geoscience

Scott Lewis- Caltrans

Kelly Tilford- HDR

Eric Chase- HDR

The AEG Sacramento Section is hosting a fieldtrip which will be held the week-end of July 25th and 26th, 2009. The trip will focus on the unique geologic setting which occurs at the intersection of the Modoc Plateau, Cascade Range and Basin and Range along the Pit River near Burney, California. The trip will include case studies of slope stability, paleoseismicity and very recent and timely construction challenges that engineering geologists from AEG's Redding chapter and Sacramento, San Francisco, and Great Basin Sections have faced in the region in the last several years. Real-world insights on the tectonic setting and its effects on construction of critical facilities, as well as the volcanic stratigraphy of the Modoc Plateau will be covered.

The unique aspects of the groundwater cycle within the basin will also be addressed, including results of an isotopic study in the vicinity of Burney Falls State Park. It will be prime trout fishing season on the meccas of Hat Creek and the Pit River, so bring your rods and artificial lures if you choose to add to your fun on the trip.

Group camping has been reserved at Hat Creek Group Campground Friday and Saturday nights. Saturday evening will be the main social event. Attendees are responsible for their own meals Friday night and Sunday morning.

Contact Pete Holland at holland@vectoreng.com for more information and to reserve your space.

AEG Sacramento Section 2009 Pit River Field Trip

REGISTRATION FORM

Name _____
Address _____

Phone _____ **E-mail** _____

	Fees	How Many	Amount Enclosed
AEG Member	\$45	_____	\$ _____
AEG Non-Member	\$55	_____	\$ _____
*Children (8 to 18)	\$25	_____	\$ _____
Total Enclosed			\$ _____

I can help with carpooling or vans Yes _____ No _____

Please e-mail this form to Pete Holland at holland@vectoreng.com to reserve your space. Please mail this form along with the appropriate fees **by July 17th** to AEG Treasurer Pete Holland at:

Pete Holland
 AEG Sacramento Section Treasurer
 143E Spring Hill Drive
 Grass Valley, CA 95945

Checks should be made out to AEG Sacramento Section.