

## A Field Trip to Remember at the Geological Society of America meeting in Sacramento



*Images from a past field trip.*

The Cordilleran Section of the Geological Society of America will meet in Sacramento in April, and several field trips will explore Northern California's geology. One trip is unusual.

Local geologist Jim Wood and several CGS geologists will lead a fun and informative one-day field trip to the complex Sierra Nevada Metamorphic Belt in the Ione and Jackson 7.5' Quadrangles. Participants will ride speeder cars as field vehicles along the Amador Central Railroad, on a memorable transect winding through the western Sierra Nevada foothills.



From Ione eastward for approximately ten miles to Martell, participants will travel deep into geologic time, stopping along the way to examine railroad cuts that display Paleozoic to Mesozoic accretionary terranes, including *mélange*, tuff, pillow basalt, and slate, and Cenozoic nonmarine deposits of the

Ione, Valley Springs, and Mehrten formations. Stops also include mines, past and present, in the Copper Belt and the kaolinite clay of the Ione Formation. After fourteen stops, participants will possess new knowledge and fond memories of the intriguing foothills of the Sierra Nevada.

### All aboard!