



SHLEMON CONFERENCE SCHEDULED

The Geological Assessment of Naturally Occurring Hazardous Substances

June 4 – 6, 2008

Folsom, California, USA

Conference Organizers:

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Shlemon Conferences are sponsored by the AEG Foundation and the Association of Environmental & Engineering Geologists, and follow procedures typical of the Geological Society of America *Penrose Conferences* and the American Geophysical Union *Chapman Conferences*. The conferences are intended to promote and disseminate practice and research results, and to foster the improvement and understanding of applied geology.

The third Shlemon Conference will include keynote presentations by invited experts, volunteered poster presentations by conference attendees, a field excursion, and ample time for informal conversations.

Naturally occurring hazardous geologic substances include arsenic, mercury, uranium and other heavy metals, radon, and asbestos. The

conference will focus on the geologic assessment of these substances including the strategies for sampling and problems with the current analytical methods. However, we will also discuss the interactions between the geologic community and the risk assessment and toxicology communities with regards to the collection of data and inter-professional communication. The conference will emphasize those principles common to the investigation of naturally occurring hazardous geologic substances in general, using the substances listed as examples. Topics covered will also include those characteristics and concerns unique to the assessment of naturally occurring particulates, heavy metals, and gases. Examples will be presented from throughout the United States, as well as from other countries. Key-note presenters have been selected based on topic and diversity of experience, and additional presenters will be selected to enhance the conference content.

The field trip held in conjunction with the conference will visit the Motherlode region of the central Sierras in El Dorado and Amador Counties to view and discuss exposures of asbestos-bearing rock; view areas where elevated metals including arsenic, nickel and chromium occur, including the site of a United States Environmental Protection Agency arsenic cleanup action; and visit an area where naturally occurring radon gas associated with regional granitic rocks occur. Sites visited will include areas of historic mining where we will discuss the role of mining in providing a preferential exposure pathway.

Two days of technical sessions are planned. Each session will include invited keynote speakers who will be followed by brief oral abstracts and poster presentations contributed by conference participants. The one-day field excursion will be conducted on the second day of the conference.

Small specialty conferences such as this one depend on volunteered presentations and active participants!

All attendees are strongly encouraged to contribute to the program by offering a poster presentation.

Conference attendance will be limited to 75 participants. The registration fee of \$325 U.S. will cover technical sessions on Wednesday, June 4, and Friday, June 6, the field trip on Thursday, June 5, lunches on Wednesday and Thursday, and a dinner on Thursday. Participants will be responsible for transportation to Folsom, California; transportation from the airport to the hotel; and lodging costs. The conference hotel, Lake Natoma Inn, is in the historic mining town of Folsom, California, located adjacent to the foothills of the Sierra Nevada, and is within convenient walking distance of historic downtown Folsom.

Registration Payment Due:

April 1, 2008 (form coming soon)

For detailed information and the application form, visit www.aegweb.org or contact the conference organizers by phone or e-mail.