



June 2014

LOS ANGELES BASIN GEOLOGICAL SOCIETY MEETING ANNOUNCEMENT

June 26 (Thursday)

Don Clarke

AAPG Distinguished Lecture

Hydraulic Fracturing and Earthquakes: Ethically, How Do We Move Forward and Do the Right Thing?

Abstract

In 2010 Senator Bingaman of New Mexico requested that Department of Energy Secretary Steven Chu engage the National Research Council (NRC), the operating arm of the National Academy of Sciences and National Academy of Engineering, to form an ad hoc committee to examine the topic of “Induced Seismicity Potential in Energy Technologies”. The committee of eleven members was formed from a large set of nominees sent to the NRC staff from a spectrum of professionals in academia, government, and industry and was approved by the chair of the NRC. The committee members, each of whom served pro bono for the duration of the project, brought a wide range of expertise to the study including oil and gas exploration and production, geothermal energy, drilling engineering, fluid injection, seismic monitoring and modeling, seismic hazard assessment, geomechanics, mining engineering, fluid-rock interaction, and regulatory oversight, with

professional experience derived from academic research, private industry, and government service. During the course of a year, the committee convened five public information-gathering meetings and produced a consensus report that assessed the current situation related to induced seismicity in the United States for various energy technologies including hazards, risks, government roles and responsibilities, proposed research needs and suggestions on how to move forward. The report stands as an example of how a group of objective professionals with varying viewpoints can come to a consensus and produce a useful, scientifically-grounded document to help guide developments with emerging energy technologies.

Speaker's Biography

Donald Clarke teaches petroleum geology at the University of Southern California and works as a consulting geologist for many clients including Occidental Petroleum, Vintage, Signal Hill Petroleum, the cities of Beverly Hills, Newport Beach, Hermosa Beach and Terralog. A long-time member of AAPG, Clarke has served the organization in a variety of positions including Chairman of the House of Delegates and has served on the AAPG Advisory Council and Executive Committee and as the AAPG representative on the Board of Directors of the Petroleum Technology Transfer Council. He has published three geological guidebooks, more than 60 papers and abstracts, and has appeared on the Discovery Channel, National Geographic's Gallon of Gas, VBS Television's LA's Hidden Wells, the Canadian show Trashopolis and in the Swiss movie A Crude Awakening. His main areas of research are Los Angeles basin geology and computer mapping techniques. He has also served on the National Research Council's Committee on Geoscience Data and Collections, National Resources in Peril and the Committee on Induced Seismicity Potential in Energy Technologies.

Meeting Time, Place, Cost and Reservations

Time:

Thursday, June 26th, 2014

Meeting Agenda

Lunch Served: 11:30 AM to 12:00PM
Announcements: 11:45 AM to 12:00 PM
Guest Speaker: 12:00 PM to 12:45 PM
Questions/Close: 12:45 PM to 1:00 PM

Place:

The Grand at Willow Street Conference Center located at 4101 East Willow Street, Long Beach, CA. (562-426-0555). Take Lakewood Boulevard south from the San Diego Freeway (405), turn west onto

Willow Street and turn right onto Grand Avenue at the sign for the Center. Park free in the garage structure.

Cost:

Lunch and Speaker: \$25.00 with reservations
\$30.00 without reservations

Retired: \$20.00

Student: \$5.00

Meeting Reservations:

Make your reservations using our web site at www.labgs.org, or by calling Graham Wilson (562)-326-5278, or emailing gwilson@shpi.net.

PLEASE Make:☺ Reservations must be made by 10:00 AM Tuesday morning prior to Thursday's meeting to receive discount price noted above. As always walk-ins are welcome.

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www.labgs.org

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Looking for Student Lunch sponsors. If you or your Business/Organization would like to become a Student Lunch Sponsor, please let us know.

Upcoming News

LABGS will not be having a meeting in July.

**August: Keep a look out for notification in late July. South Coast Geological Society has asked us and several other societies to join in a “Geology Jamboree”. Invited speaker is:
Dr. Lucille Jones USGS**