

We invite you to attend the **20th annual Hubbert Quorum on crustal fluids on Sunday, December 2nd** preceding AGU in San Francisco (Dec. 3-7). The purpose of this one-day meeting at the USGS Menlo Park center is to bring together hydrogeologists and geoscientists who are interested in geologic processes associated with crustal fluids. See details at: <http://www.camnl.wr.usgs.gov/hydrotherm/Hubbert.htm>.

The Quorum is an all-day affair beginning at 11:30 AM and adjourning at 6:00 PM (or about 8 PM for those staying for dinner at a local restaurant). The meeting will start with an "icebreaker" brunch; **please bring \$10 to cover the expenses**.

This year to celebrate the 20th anniversary, Craig Bethke (U. Illinois) will present a talk titled "*M. King Hubbert and the Rebirth of Groundwater Hydrology*". In addition, there will be two or three extended talks (20 minutes each plus 15-20 minutes for discussion), and several periods for short presentations (10 minutes each plus 10 minutes for discussion). All talks are intended to initiate discussion by presenting a stimulating "work in progress" rather than a canned talk. Topics for short presentations could include puzzles that might confound your colleagues or lead to a solution that you need in your own work. We especially encourage topics that might be new to the audience (e.g. crustal fluids and climate change).

If you would like to attend please contact Shaul Hurwitz (shaulh@usgs.gov) by Friday, October 5. Registration is on a first come, first served basis.

If you would like to present, please send a title and indicate your preference for the length of your time slot. We will notify the speakers in early November.

If you need transportation, please indicate which of the following applies to you:

- a.** I need a ride from downtown San Francisco (leaving at 10:30) and return to San Francisco after the meeting (leave Menlo Park around 6 PM).
- b.** I need a ride from downtown San Francisco (leaving at 10:45) and return to San Francisco after an informal dinner gathering following the meeting (leave from a local restaurant around 8 PM).
- c.** I need a ride from the San Francisco airport, and one of the above two options for return. Pick up from the airports are for arrivals before 11 AM.
- d.** I do not need transportation arrangements.

Once our participant list is finalized, we will send an e-mail with the program and transportation details.

Please forward this notice to all interested parties. We hope to see you in December.

Sincerely,

Barbara Bekins, Steve Ingebritsen, and Shaul Hurwitz (USGS – Menlo Park)