

Discussion of Chapman and other conferences

Hydrology Section President *Eric Wood* has encouraged technical committees to develop proposals for specialty conferences such as Chapman Conferences and also to develop meeting and workshop proposals in conjunction with other organizations, such as the European Geosciences Union.

Mary Hill is working with *Joe Ryan* (U.C. Boulder) on proposal for Chapman Conference tentatively titled “An Integrated Scientific and Policy Perspective on Energy Development Using Hydraulic Fracturing”. She mentioned that it would be a fairly unusual Chapman Conference in its emphasis on policy and socioeconomic impacts in addition to science. They are tentatively aiming for a meeting in March or July 2015.

Geoff Bohling is working with *Gedeon Dagan*, *Aldo Fiori* and others on proposal for Chapman Conference on MADE site research (and aquifer characterization and contaminant transport more broadly); currently aiming for March 2015 meeting in Valencia, Spain.

With regard to the EGU meeting, which has been held every April in Vienna for a number of years, *Jan Fleckenstein* stated that the session proposal deadline is usually in late summer or early fall. He volunteered to look into the timing in more detail.

Ideas for articles for Hydrology Section Newsletter

KC Carroll suggested an article on identification and characterization of contaminant source zones. *Mary Hill* pointed out that USGS has software for serving information regarding source zones. *Barbara Bekins* suggested that discussion of closure guidelines could be included in article. *Jason Gerhard* mentioned upcoming textbook in this area.

Jan Fleckenstein suggested an article on the role of groundwater in catchment processes.

Bwalya Malama suggested an article on recent trends in hydrogeophysics.

Mary Hill suggested an article addressing what resource managers can expect to get out of models.

Seems like there was one more, but, if so, I failed to get it in my notes.

Dec 2014 session ideas discussed

Person who suggested the initial idea is listed. This does not necessarily mean the person was volunteering to develop the session proposal.

1. Links between natural and human systems – *Holly Michael*
2. Sensitivity analysis and uncertainty – *Mary Hill*
3. Nanotechnology (tracers, measurement devices) in hydrology – *Roy Haggerty*
4. Hydraulic fracturing, policy, and societal impacts (as precursor to Chapman Conference) – *Eric Wood / Mary Hill*
5. CO2 sequestration – *KC Carroll*
6. Transport and remediation – *Jason Gerhard*

7. Induced seismicity (with stronger hydro involvement) – *Barbara Bekins*
8. Water Resources, climate change, and sustainability – *KC Carroll*
9. Aquifer storage and recharge – *Roy Haggerty*
10. Computationally efficient methods for sensitivity and uncertainty analysis (including reduced-order and surrogate models) – *Ming Ye*
11. Multiscale and linked models – *KC Carroll*

Other issues

Ming Ye pointed out need for increased diversity and international connection; suggested possibility of sessions focused on water resource problems in other countries.

Barbara Bekins reminded us of discussion in previous TC meetings regarding developing a list of groundwater-related sessions at the meeting, with times (a summary schedule of groundwater sessions) and also possibility of including “groundwater” as searchable keyword in fall meeting program online. *Roy Haggerty* said it would be nice to be able to have the ability to add sessions to one’s calendar (e.g., Outlook or iCal). In fact, the Itinerary Planner in the current online program already includes this functionality (and the ability to export session information to Excel).

Committee Members Present

Geoffrey Bohling (Chair)	Kansas Geological Survey, University of Kansas	geoff@kgs.ku.edu
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Diogo Bolster	Notre Dame University	bolster@nd.edu
Holly Michael	University of Delaware	hmichael@udel.edu
Roy Haggerty	Oregon State University	haggertr@geo.oregonstate.edu
Jan Fleckenstein	Helmholtz Centre for Environmental Research (UFZ)	jan.fleckenstein@ufz.de

Matt Covington (U. of Arkansas) planned to attend but had travel difficulties. Christine Hatch (U. of Massachusetts) was also absent.

Guests: Adam Ward (U. of Iowa), Deqiang Mao (Colorado School of Mines)