

Minutes for Fall 2015 AGU Groundwater Technical Committee Meeting

<http://agugroundwater.nmsu.edu/index.html>

Meeting Attendance:

KC Carroll, Diogo Bolster, Barbara Bekins, Adam Ward, Phoolendra Mishra, Bwalya Malama, Holly Michael, Jan Fleckenstein, Kristopher Kuhlman

Discussion of Membership Officer Nominations and Voting for 2017-2019 Term:

All present (and a few by email) noted interest in continuing to support the GWTC. Kristopher Kuhlman (Sandia) was on the committee previously, and would like to re-join. Shujun Ye (Nanjing University) and Alex Tartakovsky (PNNL) also would like to join the GWTC. Some that were suggested include Christopher Lowry (U. Buffalo), Michael Cardiff (U. Wisconsin), and Megan Smith (LLNL). We discussed the need to select a new Deputy Chair for the next term, and Christine Hatch was indicated as having interest.

Discussion of GW Technical Committee Interaction with other Committees:

Jeffrey McDonnell is leading a new “session” committee to increase TC interaction with session proposals and program development. Barbara Bekins mentioned that each proposal for next year will be required to designate a TC, which will allow proposers and TCs to communicate to avoid duplication. The GWTC members thought the TCs should focus on proposing “foundational” sessions, and “emerging” session topics would evolve out of the general community. There does also seem to be some interest in encouraged proposals jointly developed from multiple TCs. However, there did not seem to be any special significance to the multi-TC session proposals this year.

Discussion of GW Technical Committee Website:

No issues were noted. Please contact KC Carroll with any issues or concerns? We discussed leaving the social media to the students.

Discussion of GW Technical Committee Role/Responsibility:

Members noted a persistent need for TCs to support the development of proposals. The new “session” committee will be developing the ongoing and new ways the TCs will support proposal development and mergers. Since each session will designate a TC, the TCs can support early communication with proposers. The TCs will work with the Program Committee to support mergers within the focus area of each TC. Members noted that adding co-authors separately was not useful, and that it should be changed back to the previous method where all authors are added at abstract submittal. Student judging system seemed to work well this year. However, the presenter email did not seem to be accessible from the program webpage when searching through sessions for potential student judges.

Discussion of Ideas for 2016 Session Proposals

Person listed will support session development, but this does not necessarily mean the person was volunteering to develop the session proposal.

- Groundwater-surface water interactions – Adam Ward and Christine Hatch
- Groundwater-catchment-soil interactions – Jan Fleckenstein
- Hydrogeophysics – Bwalya Malama, and Phoolendra Mishra
- Deep borehole hydrogeology – Kris Kuhlman
- Links between natural and human systems or coastal hydrogeology - Holly Michael
- Nanotechnology (tracers, measurement devices) in hydrology - Diogo Bolster

- Remote sensing (e.g., GRACE) and/or fracture flow – Barbara Bekins
- Model analysis practices that improve achieving transparent, falsifiable models – Mary Hill
- Water Resources, climate change, and sustainability & general hydrogeology - KC Carroll
- CO2 sequestration - KC Carroll (will check with Susan Carroll)
- Multiscale and linked models – KC Carroll (will check with Tim Scheibe and Diogo Bolster)
- Contaminant transport and remediation - Jason Gerhard

Discussion of Chapman Conference Proposals:

There is still an interest in proposing Chapman Conferences. However, members did not suggest any at this time from the GWTC.

Discussion of Hydrology Section Newsletter Articles:

Members were not sure if submittal of articles from the TCs to the Section Newsletter is still a significant need. Any article ideas are welcome. Please let us know if you are interested.

Members of the 2015-2017 Committee:

Efi and the Section Leadership are still interested in rotation of TC membership to encourage new opportunities for service. Please let us know if there are others that are interested in becoming official members or in simply attending the annual meeting. Additionally, there is interest in having more student representatives. Please let us know if anyone is interested.

The 2015-2017 session GWTC members include:

Name	Department	Institution	Email
KC Carroll (Chair)	Plant & Environmental Sciences	New Mexico State University	kccarr@nmsu.edu
Holly Michael (Deputy Chair)	Geological Sciences	University of Delaware	hmichael@udel.edu
Mary Hill	Department of Geology	University of Kansas	mchill@ku.edu
Christine Hatch	Geosciences	U of Massachusetts-Amherst	chatch@geo.umass.edu
Barbara Bekins	Water Resources	US Geological Survey	babekins@usgs.gov
Jason Gerhard	Civil and Environmental Engineering	University of Western Ontario	jgerhard@eng.uwo.ca
Matt Covington	Geosciences	University of Arkansas	speleophysics@gmail.com
Bwalya Malama	Natural Resources Management & Environmental Sciences	California Polytechnic State University San Luis Obispo	bmalama@calpoly.edu
Phoolendra Mishra	Civil and Environmental Engineering	California State University at Fullerton	pkmishra@fullerton.edu
Diogo Bolster	Civil & Environmental Engineering and Earth Sciences	Notre Dame	bolster@nd.edu
Jan Fleckenstein	Helmholtz Centre for Environmental Research (UFZ)		jan.fleckenstein@ufz.de
Adam S. Ward	School of Public and Environmental Affairs	Indiana University	adamward@indiana.edu
Deqiang Mao	Geophysics	Colorado School of Mines	degmao@mines.edu
Naima Khan (Student Rep.)	Water Science & Management	New Mexico State University	linda29@nmsu.edu