

Minutes for Fall 2016 AGU Groundwater Technical Committee Meeting

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

Meeting Attendance:

KC Carroll, Holly Michael, Christine Hatch, Jason Gerhard, Diogo Bolster, Mary Hill, Bwalya Malama, Matt Covington, Naima Khan (Student Rep.), Kristopher Kuhlman, Shujun Ye, Dan Lu, Jenny Druhan, and Tess Russo.

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

Christine Hatch was elected as Deputy Chair. Prior to the meeting, a few members stepped down and a few new members joined. All present (and a few by email) noted interest in continuing to support the GWTC. There was discussion of remote sensing representation on the TC.

GW Technical Committee Interaction with other Committees:

- Other TC Interaction (HYDROGEOPHYSICS, HYDROLOGIC UNCERTAINTY, SOIL AND CRITICAL ZONE PROCESSES, SURFACE WATER, UNSATURATED ZONE, WATER AND SOCIETY, WATER QUALITY) was considered important.
- Dual/joint TC “foundational/ emerging” sessions was not considered a priority.

GW Technical Committee Website:

- KC Carroll will continue to support. Contact if any suggestions/comments.

GW Technical Committee Role/Responsibility Discussion:

- It was suggested that GWTC can help manage session mergers. Need to work with Megan Smith and Program Committee.
- GWTC should help ensure that groundwater sessions are representative of the field, and the TC can foster innovative session proposals by the GW community. GWTC annual meetings are open to the community.

GW Technical Committee Session Management:

- TC and PC management of mergers worked well this year, but Slack website was not uniformly used and may not have decreased Program Committee workload.
- GWTC should work with the Program Committee to develop and merge session proposals.
- The invited talks max was limited this year, and it was suggested that this doesn't work well. It was suggested that invited speakers could be added after the abstract deadline when we know how many to invite.
- A GWTC session on hydrogeophysics was missing this year, and we should have one each year.
- The delay in adding coauthors did impact session management, because coauthors were not added in some cases.
- There were many issues with time/schedule conflicts for overlapping sessions of similar interest. Mary Hill and Jason Gerhard both had oral and poster sessions at the same time.
- It was suggested that student judging be added to the regular program webpage.

Other Meetings Coordination:

- No TC members had plans for Chapman Conference proposals.
- There was a suggestion to propose sessions/coordination with NGWA, GSA, and EGU.

Discussion of Ideas for 2017 Session Proposals

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

- Uncertainty quantification – Dan Lu
- Land subsidence - Shujun Ye
- Drought resiliency and hydrogeophysics - Bwalya Malama
- Karst hydrology - Matt Covington
- Surface water/groundwater interactions - Christine Hatch
- Radioactive waste disposal - Kristopher Kuhlman
- Multiscale modeling - Diogo Bolster
- Stable isotopes (novel analysis and modeling) - Jenny Druhan
- Groundwater management (machine learning applications) - Tess Russo
- Flow through fractures – KC Carroll
- Coastal hydrogeology and coupled human-hydrogeology - Holly Michael
- Contaminant remediation - Jason Gerhard

Members of the 2017-2018 Committee:

KC Carroll (former chair)
Holly Michael (chair)
Trevor Osorno (student representative, University of Kansas)
Christine Hatch
Jason Gerhard
Diogo Bolster
Bwalya Malama
Adam Ward
Deqiang Mao
Jan Fleckenstein
Kristopher Kuhlman
Shujun Ye
Alexandre Tartakovsky
Dan Lu
Jenny Druhan
Tess Russo

Members rotating off of the committee for 2017 (thank you for your service!):

Matt Covington
Barbara Bekins
Phoolendra Mishra
Mary Hill