



**ASCE Geo-Institute: Engineering Geology and Site Characterization Committee
Annual Meeting at 2018 IFCEE**

Meeting Date: Wednesday, March 7, 2018 11:30-1:00PM (EST)

Meeting Room: Sago 4

Meeting Minutes

Members and Friends in Attendance

1	Thomas Oommen	Michigan Technological University
2	Tejo Bheemasetti	University of Texas Arlington
3	Nick Huydma	University of North Florida
4	Yao Zhang	Terracon, Louisville, KY
5	Ray Emaron	Virginia
6	Zhen Liu	Michigan Tech
7	Junxing Zhang	Iowa State University
8	Kristi Bumpas	Red Rock Consulting
9	Diane Swicker	Geo-Institute
10	Amy Cerato	University of Oklahoma
11	Cyrus Jedari	University of Tennessee
12	Sean Ahdi	UCLA
13	Devon von Lichtenstein	Arizona State University
14	Jason De Jong	UC Davis
15	Jim Melcher	Tri-state drilling
16	Aaron Budge	Minnesota State University
17	Andrew Blaisdell	GZA Geoenvironmental Inc.
18	Boe Hyun Nam	Univ of Central Florida
19	Paola Bandini	New Mexico State University
20	Rick Coffman	Univ of Arkansas
21	Xuefei Wang	Case Western Reserve University
22	Shayang Dong	Case Western Reserve University
23	Anna Shidoskaya	University of Mines, Russia
24	Xiong (Bill) Yu	Case Western Reserve University
25	Donna Dickert	ASCE
26	Anand J Puppala	UTA
27	Surya C.S. Congress	UTA
28	Joseph Coe	Temple University
29	Murad Abu-Farsakh	LSU

Remote attend:

30	Leon vanpaassen	ASU
31	Sheng Dai	Georgia Tech

Note: a few more remote attendees not captured (please let Bill know)

Agenda Items:

1. Welcome to Attendees and Introductions of New Members
Bill welcomed the attendees. He mentioned that we have been able to move our committee meeting to lunch time based on our discussion in the last meeting. We always had our meeting on the evening of the last day which often conflicted with other conference activities.
2. Review and approval of minutes from Committee meeting during 2017 Fall Conference Call
The committee reviewed the minutes. Aaron proposed to approve the minute and Jason seconded. The minute was unanimously approved.
3. Update from TCC Technical Liaison (Anand Puppala and Nick Hudyma)
Anand provided the TCC update. Mentioned the committee is doing well. It was nominated for the committee of the year award but missed this time. Committee is actively involved in all aspects. The special projects on developing material for engineering geology has been completed. Anand suggested that it should be advertised through ASCE and Geostrata (corebits). Anand mentioned to continue to doing the good work.
4. Committee Liaison Report
 - a. ISSMGE – Paul Mayne, Jean-Louis Briaud: No updates
 - b. Federation of International Geo-engineering Societies - Jean Louis Briaud: No updates
 - c. ASCE and G-I Task Force on Risk Based Design Guide – Jean Louis: *Bill mentioned that a task force meeting was held this morning. A 50 page document is planned to be developed. EG&SC will be involved in that. If any committee members have good case studies that can be incorporated in the document that will be helpful.*
 - d. ISSMGE TC308 – Marcelo Sanchez: *Marcelo has sent bill some updates that he will email the membership.*
 - e. ISSMGE TC102 – Jason DeJong: *Jason provided an update of the ISSMGE TC102. Technical Committee TC102 of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) and Delft University of Technology are conducting the 4th International Symposium on Cone Penetration Testing, CPT'18. CPT'18 will be held on 21 and 22 June 2018, in Delft, the Netherlands, following the previous successful symposia in Linkoping, Sweden (1995), Huntington Beach, California (2010) and Las Vegas, Nevada (2014). The other one on the books is the 6th International Conference on Geotechnical and Geophysical Site Characterization. It will be from 07-09-2020 to 11-09-2020 in Budapest Congress Center, Hungary. No solicitation or call for papers yet for that. The chair for the TC102 is Antonio Viana da Fonesca and has been renewed for four years. Jason is the Vice-Chair and will be the future Chair.*

Proceedings from CPT10 and CPT14 will be changed as free access material by TC102. James Mitchell lectures on site characterization have been published in different journals and conferences. TC102 is trying to get that published in one journal.

- f. ISSMGE TC Sustainable Geotechnics – Ian Jefferson: No updates
- g. Geo-Institute - Diane Swecker: *Diane asked for an update on the speaker fund award and engineering geology game app development project. Bill provided an update that two speaker events have been arranged. Bill indicated that if the committee members can identify host and arrange meetings the committee will be able to fund the travel.*
Diane checked if the committee is still interested in the web-conference idea in end of August. Diane mentioned the web-conference we can have 4-6 presenters. Each presenter can be 20-30 minutes. More info will be coming next week. Abstract will be due early April. All videos from last year are available on GI YouTube channel. Bill mentioned that last year Scott Anderson was very interested in the web conference idea. Last year about 700 people attended the web conference and it has a wide reach.
- h. ASCE Publication - Donna Dickert: Donna mentioned about the GSP program. *Previously GSP has been part of the conference but committees could do separate GSP on any topic that they think it would be relevant. Donna also mentioned about the “Beyond the book” program that ASCE publication is promoting. This is beyond the print and ebook. The ASCE Hazard Loads Tool provides site-specific data for the determination of multiple types of Hazard Loads for buildings and other structures. Data from this tool is compatible with ASCE 7-10 and ASCE 7-16. Enter your site's street address or click a location on the map to begin.*
<https://asce7hazardtool.online/>
ASCE wants to help practitioners with tools that they need. So if EG&SC committee has any ideas for these tools Donna will be happy to talk.
Also ASCE STD-7 is online now (<https://www.asce.org/asce-7/>). Provides digital access to both ASCE 7-16 and 7-10 with enhanced features that make it faster and easier to work in the Standard.
- *Side-by-side display of Provisions and Commentary*
 - *Redlining to track changes*
 - *Annotation and bookmarking tools*
 - *Real-time updates*
 - *Toggling between SI and Customary unit measurements*
- Bill suggested it might be interesting to see if the borehole data can be incorporated with the hazards tool. Jason asked what the financial model for this tool is. Donna mentioned that it is a subscription based service with single and corporate subscriptions.*

- i. Russian Geotechnical Society - Anna Shidlovskaya: *Anna updated that the Russian Geotechnical society is doing well. The US Russian joint symposium will be held this year in Moscow and St. Petersburg. It will be a one week event (May 12-20, 2018). There are 13 delegates from U.S side. Jean-Louis Briaud is leading the U.S delegation. It will be the second symposium. The first one was in San Francisco in 2012. Bill mentioned that Anna is a very active member of the EG&SC.*
- j. ASTM – Richard E. Gray: No updates.
- k. AEG, IAEG, EEGS - Jeff Keaton: No updates
- l. American GeoScience Institute - Roman Hryciw: No updates
- m. TRB – Scott Anderson : No updates
- n. FHWA – Frank Jalinoos: No updates
- o. Other G-I Committees
 - i. Unsaturated soils: *Sinkhole conference April 2-5th, Shepherd Stone West-Virginia*
 - ii. Geotechnics of soil erosion
 - iii. Geophysics engineering: No updates
 - iv. Sustainability: No updates
 - v. ...

Paula mentioned that B2B Symposium in Atlanta September 12-13, 2018. David frost will be chairing the conference.

5. Committee Members/Friends in the News

Bill mentioned that our committee has been very active nominating many members and Nick is our nomination committee chair. All the nominations are listed below:

2016-2017

- a. Jean Louis Briaud: 2015-2016 Cross Country Lecturer
- b. Paola Bandini: ERC
- c. Anand Puppala: University-Industry cooperative research center.
- d. Amy Cerato: Prakash Prize
- e. Scott Anderson: 2017 AEG and GSA Jahns lecturer
- f. Bill Yu: Fellow ASCE, NSF CRISP grant
- g. Jie Han: 2017 ASCE Martin S. Kapp Foundation Engineering Award (awarded)
- h. Ning Lu: 2017 Peck Award (joint with Soil Properties and Modeling and Unsaturated Soils)
- i. Jean-Louis Briaud. Seed Medal (joint nomination with Geotechnics of Soil Erosion, Shallow Foundation Committee.)
- j. Other more news missed?

Nominations

- k. Kyle Rollins: Wallace Hayward Baker Award (joint with shallow foundation, finalist)
- l. Amy Cerato: Huber Research Prize (TBD)
- m. Nick Sitar: Thomas A Middlebrooks Award (TBD)
- n. Ning Lu: Norman Medal (TBD)

- o. Paul Mayne: Cross Country Lecturer (TBD)
6. Committee Involvements in Conferences:
- a. 2018 IFCEE 2018 (Nick: field trip): *It was originally discussed. But the definite plans didn't work out.*
 - b. 2018 IAEG/AEG Congress (Jeff, Bill and Tom): *IAEG-AEG joint conference will be held in San Francisco in September. It is abstracts only and abstract is due by April 1st.*
 - c. GSPs
7. Special projects (on-going & planning)
- Bill provided an update of the special projects of the committee. Several projects have been successfully completed or are in progress. Students can be part of these projects and can be paid as independent contractors. Nick will find out the details and distribute the details on how students can be involved.*
- Previous*
- a. Educational videos – Paul and Nick: *In progress*
 - b. Update ASCE Red Book (#56)– Mike Lewis: *Decided not to proceed*
- On going*
- c. Engineering geology instructional materials – Thomas Oommen: *Completed*
 - d. G-I local chapter speaker fund program – Bill Yu: *In progress*
 - e. Developing online interactive games for teaching site investigation and engineering geology - Leon van Paassen: *In progress*
- Future planning*
- f. Other ideas to pursue in the future
 - i. Video documentary of pioneers in Geotechnical Engineering – Jiliang Li
 - ii. Biological method for soil treatment - Anna Shidlovskaya: *It was discussed that more an educational topic would be better received than a research idea.*
 - iii. Webconference: *Bill mentioned that this needs to be finalized soon before April. Asked for volunteers and mentioned that even student work that has practical interest can be presented. Thomas indicated willingness to arrange remote sensing related webconference. Anand also suggested if it would be possible to have a special section on remote sensing for the Philadelphia conference. Bill agreed to follow-up on this.*
8. Committee Discussion Items:
- a. Sub-Committee Updates
 - i. Website Committee - Joe Coe: *Joe mentioned that the website is reasonably updated and is current. If any conference details that the committee members would like to see should be sent to Joe.*
 - ii. Membership Committee - Dante Fratta : *Bill gave an update of the membership. The committee has a healthy membership.*

- iii. Awards Committee - Nick Hudyma: *Nick will circulate the details of the awards and deadlines that can be circulated to the membership. Amy indicated that she would be happy to help with the awards committee.*
- b. Other items
 - i. Webinar, GeoStrata special issue, etc.
 - 1. Rockfall hazard rating system as a tool for designing rock slope
 - 2. Borehole geophysics for rock exploration
 - 3. Application of impact mechanics to rockfalls
 - 4. Commentary - Dave Rogers
 - ii. Strategy to improve interactions with Engineering Geology committees (AEG, IAEG, Canada and Mexico)

Possible symposium/technical sections at IAEG conference

- 9. Committee specialty conference
 - a. Computational Geotechnics (2019)
 - b. Earthquake Engineering (2018)
 - c. Grouting (2017)
 - d. Risk Assessment & Management (2017)
 - e. Soil Properties and Modeling (2019)
 - f. Unsaturated Soils (2017)
 - g. Engineering Geology and Site Characterization (target at 2020, partner with AEG) – *Bill, Tom: Thomas mentioned that AEG is still interested. Bill wondered what the financial implication of this would be. Bill also suggested maybe we could have our own. Bill will follow-up on this.*
 - h. *Aaron mentioned that he is involved with the 2020 GI conference and if anyone is interested to be involved in the organizing please contact Aaron.*

10. Other Business

11. Meeting Adjourn

Aaron proposed to adjourn the meeting and Paula seconded it.