



Meeting Minutes

ASCE Soil Improvement Committee

GeoCongress 2020, Minneapolis MN

Feb. 27, 1:30PM to 3:00PM (CST)

Location: Lakeshore C, Hyatt Regency Minneapolis

I. 1:34PM Jie Han called to start

II. Self-introduction (starting from onsite attendee, then online attendee)

III. Review of the minutes of last meeting and approval

IV. Nick Hudyma gave update from G-I regarding the committee activities, workshops, upcoming call for special projects. Please pay attention to announcements from G-I for upcoming new activities

V. Nichols Silas updated from FHWA

- New ongoing soil improvement projects at FHWA
- Brief status of GeoTechTools
- Total \$6 millions project to develop site investigation tools, especially underutilized tools

VI. Jim Collin updated from G-I

- Clarify that GeotechTools is owned by G-I
- G-I's future vision is to make GeotechTools a live tool for geotechnical community
- Continue to update GeotechTools from various sponsors, adding new technology

VII. Vern Schaefer gave updates on GeoTechTools

- Major updates of GeoTechTools in the past 5 years
- FHWA implementation money was used to disseminate the information
- 2017 FHWA gave additional money to update webpage of GeoTechTools so it can be accessed by phone
- June 2019, G-I took over GeoTechTools
- Any update of GeoTechTools needs to go through Vern
- Soil Improvement Committee is looking at what needs to be updated on GeoTechTools
- Other committees are also working to try to incorporate something, such as liquefaction committee, sustainability committee

VIII. ISSMGE TC 211 update from Vern Schaefer: September 2021, Louis Menard
Lecture TC nomination, no selection criteria are available

IX. Tom Taylor gave update on committee special project

- provide roadmap for GeoTechTools: 47 technologies were divided into 6 tech suites, who would be in charge by experts in the area of expertise
- a survey was distributed and collected at the committee meeting to identify experts to review 47 tech tools in GeoTechTools

X. Update from DFI Ground Improvement Committee

- China scan tour
- Performance based specifications
- Research project at DFI
- DFI conference at San Francisco
- SCI – GI to update IBC on deep foundation
- April 2, DFI committee meeting

XI. Jie Han updated past project:

- China scan tour
- New project: educational seminars

XII. Update from Jose Clemente of GeoCongress 2020

- Technical sessions
- Panel discussion in Morning Feb. 27
- G-I speaker program: Jim Collin, Lisheng Shao, Jie Han, Vern Schaefer, and Kyle Rollins delivered lectures at different locations
- December 2019, Web conference
- GeoStrata July – August issue covered China scan tour of May 2018

XIII. Upcoming Soil Improvement Education Program: Joint conference at San Antonio TX on June 19th. The one-day conference will be collaborating with San Antonio G-I Chapter (SAGI).

XIV. Jie Huang gave updates on the award nominations. The following nominations were submitted to ASCE or G-I by soil improvement committee

- Vern Schaefer for Wallace Hayward Baker Award
- Ryan Berg for Martin S. Kapp Foundation Award
- Thomas O'Rourke for Harry Schnabel Jr. Award

XV. Committee discussion on new project ideas:

- Shallow foundation is developing guideline for expansive soil guideline. It is something Soil Improvement may be able to get involved.
- Sink hole issue may be an issue to look at

XVI. Muhannad Suleiman updated on IFCEE and special sessions at IFCEE

XVII. Mary Ellen Large and Budhima Indraratna gave update on international events
Deep Mixing 2020, June 15 – 18
4th International Conference on Ground Improvement, Cape Town, March 29 – 31, 2021

XVIII. Adjourn