



2017-2018

January Meeting Notice

Minnesota Geotechnical Society

The Art and Science of Geotechnical Engineering – A tribute to Karl Terzaghi

Mr. Philip Solseng, PE

One attribute of Karl Terzaghi was his practical solutions to geotechnical engineering and to some, his “empirical approach” to geotechnical engineering. However, in 1943 Terzaghi published his book, *Theoretical Soil Mechanics*, which was highly theoretical. But surprisingly, he cautioned against depending upon only the theoretical solution for real problems because of the homogeneity used in his theoretical solutions. He advocated using concepts, approximations, and the observations and measurements of real soil to predict soil behavior. The presentation will show some examples of how early geotechnical engineers solved problems with this approach, such as the failure of Minard Hall at NDSU as one example. The presentation will also show recent examples of failures and how Terzaghi’s ideas are still relevant.

Date: Wednesday, January 17th, 2018

Location: Rose Vine Hall (downstairs at Grumpy's Bar & Grill)
2801 Snelling Ave. N., Roseville, MN

Time: 6:00 Social Hour – Sponsored by Soil Engineering Testing

7:00 Dinner – Buffet Style:
Taco Bar with Cookies and Coffee desert. – \$30.00

8:00 Presentation – Mr. Philip Solseng, PE, *The Art and Science of Geotechnical Engineering – A tribute to Karl Terzaghi*
(One professional development hour toward continuing education requirements for Professional Engineers is available).

Cost: 2017-2018 MGS Membership Dues are \$30.
Paid 2017-2018 MGS Members receive a \$5 meeting discount on the meal costs listed above.
The cost for full-time students is \$10, payable to MGS at the door.

Reservations: Requested by noon, Friday, January 12th, 2018

President	Vice President	Secretary	Treasurer	Program Chair	ASCE Chair	Past President	Duluth Representative
Kurt Schimpke	Brian Sanchez	Craig Eckdahl	Joe Rozmiarek	Joe Westphal	Joe Bentler	Kyler Bender	Peter Demshar
952-832-2897	763-447-4230	612-612-2303	651-646-8148	952-995-2238	651-603-6616	651-389-4182	218-788-6309

<http://www.mngeotechnicalsociety.com>