



Canadian Geotechnical Society
Société canadienne de géotechnique

2017 Annual Section Report

July 1, 2016 to June 30, 2017

Formal Section Name: Manitoba Section

Section 1: General

Date of this report: July 15, 2017

Prepared by: Alena James

Section Director: Alena James

End of Section Director's Term: 2019

Last time your Section's CGS web page was updated: 2016

If your Section has a separate website, please provide address:

Is there a link from your Section's website to the CGS website? N/A

Section 2: Current (as of June 30, 2017) Executive Committee Members and their Affiliations (employers or, if students, universities)

Chair: Arjan Jianfar (Hatch)

Past Chair: Wingkeat Wong (Amec Foster Wheeler)

Vice Chair: N/A

Secretary: Jason Plohman (SNC Lavalin)

Treasurer: Earl Marvin De Guzman (University of Manitoba)

Program Director: David Anderson (KGS Group)

Student Liaison: Dylan Stafford (U of Manitoba)

Special Initiative Co-ordinator: Steve Harms (Trek Geotechnical)

Webmaster: Position Vacant. New webmaster is being recruited for September 2017.

Special Events: David Flynn (KGS Group)

Section 3: Number of Section Members (as of June 30, 2017)

Executive Committee Members: 7

Total members (if possible, student and non-student members): N/A

Total CGS members (if possible student and non-student members): 57

- Retired: 1
- Students: 11
- Regular: 45

Comments (point form)

- The Manitoba Section will encourage individuals to purchase CGS memberships at the September 2017 presentation.

Section 4: Section Finances (as of June 30, 2017):

Account balance \$53,947

Does your Section charge members an annual fee? No

If so, how much? \$ N/A

Section 5: Section Activities, July 1, 2016 to June 30, 2017			
Date	Speaker/Other	Topic/Subject	Attendance
September 28, 2016	Dr. Rob Kenyon, Ph.D., P.Eng., KGS Group	Passive Groundwater Depressurization System for Improving Road Embankment Stability, Case Study: Powerview Creek, Manitoba	58
September 28, 2016	Samuel Kaluzny, University of Manitoba	Pullout Resistance of Geotextiles With and Without Wicking Function	58
October 25, 2016	Dr. Ross W. Boulanger, University of California at Davis (Fall CCLT)	Liquefaction Effects on Piled Bridge Abutments: Centrifuge Tests and Numerical Analyses	21
November 25, 2016	Dr. Pooneh Maghoul, P.Eng., University of Manitoba	Heat Exchange Between the Ground and Shallow Foundations by Considering the Effect of Seasonal Frost	29
January 11, 2017	Dr. Hartmut Hollander, P.Eng., University of Manitoba	Contributing to Sustainable Groundwater Management using Regional Groundwater Recharge Estimation in Northern Climates	56
February 17, 2017	Rob Sinclair, P.Eng., KGS Group	Sustainable Geothermal Energy Developments	48
March 16, 2017	Ramli Halim, P.Eng., Hatch	Geotechnical Investigation in Arctic Environment	37
April 10, 2017	Dr. Vaughn Griffiths, Colorado School of Mines (Spring CCLT)	Risk Assessment in Geotechnical Engineering	39

Section 6: Additional information or comments

- The Manitoba Section is considering developing a geo-referenced test hole database to update and enhance the existing information in the City of Winnipeg and provide a digital resource of subsurface information to geotechnical practitioners. The first step in this project is requesting that the City of Winnipeg participate by allowing consultants to submit the sub-surface information they gather on public projects within Winnipeg, to the Manitoba Section of the CGS.
- The Manitoba Section sponsored Mr. Rick Donnelly, P.Eng. of Hatch, to conduct a presentation in Thunder Bay titled “ Design and Construction of the Owen Falls Embankments” in April 2017.
- The Annual CGS Manitoba Golf Tournament was held at the River Oaks Golf Course on June 8, 2017. Approximately \$4700 was raised for the Neil Burgess Memorial Scholarship at the University of Manitoba.