



Vancouver Geotechnical Society

A Local Section of the Canadian Geotechnical Society

www.v-g-s.ca

2017-2018 Executive Committee:

Chair	- Shane Magnusson, BGC	604-684-5900
Past-Chair	- Chris Longley, Tetra Tech	604-838-1176
Program Director	- Aran Thurairajah, Golder	604-296-4200
Treasurer	- Yoshi Tanaka, Kontur	778-730-1747
Secretary	- Ali Ghandeharioon, KCB	604-669-3800
Registrar	- Tim Morton, GHD	604-248-3925
Web Manager	- Marc Bossé, Thurber	604-684-4384
CGS Director	- Andrea Lougheed, BGC	604-684-5900
Members-at-Large:	Intisar Ahmed (UBC/WSP), Ali Amini (NAGL), Olga Kosarewicz (BCIT), Ryan Mills (Tetra Tech), Kumar Sriskandakumar (BGC), Carlie Tollifson (Stantec), Mustapha Zergoun (Thurber)	

Summary of 2017-2018 Activities of the Vancouver Geotechnical Society, A local Section of the Canadian Geotechnical Society Prepared by Shane Magnusson, Chair

Introduction

This report is a summary of the activities of the Vancouver Geotechnical Society (VGS), a local Section of the Canadian Geotechnical Society (CGS), for the period of September 20, 2017 to October 17, 2018.

Executive Committee

The 2016-2017 VGS Executive Committee consisted of the following individuals:

Chair:	Shane Magnusson, BGC Engineering Inc., Vancouver, BC
Past-Chair:	Chris Longley, Tetra Tech Inc., Vancouver, BC
Secretary:	Ali Ghandeharioon, Klohn Crippen Berger Ltd., Vancouver, BC
Treasurer:	Yoshi Tanaka, Kontur Geotechnical Consultants Inc., Port Coquitlam, BC
Program Director:	Aran Thurairajah, Golder Associates Ltd., Vancouver, BC
Registrar:	Tim Morton, GHD Pty Ltd., Richmond, BC
Web Manager:	Marc C. Bossé, Thurber Engineering Ltd., Vancouver, BC
CGS Director:	Andrea Lougheed, BGC Engineering Inc., Vancouver, BC
Members at large:	(Kumar) S. Sriskandakumar, BGC Engineering Inc., Vancouver, BC Ryan Mills, Tetra Tech Inc., Vancouver, BC Mustapha Zergoun, Thurber Engineering Ltd., Vancouver, BC Ali Amini, Naesgaard Amini Geotechnical Ltd., North Vancouver, BC Intisar Ahmed, University of British Columbia, Vancouver, BC Olga Kosarewicz, British Columbia Institute of Technology, Burnaby, BC Carlie Tollifson, Stantec Inc., Burnaby, BC

Activities

The VGS executive committee met approximately once per month to organize technical presentations and social events, and to review issues relevant to the society. Generally, executive meetings took place immediately before the monthly technical presentations. Attendance at the technical presentations typically ranged from 60 to 100 attendees. The VGS also hosted the annual

Symposium. The executive committee maintained contact with other geotechnical groups in British Columbia (BC) and Washington State. Notices of events held by other similar local organizations were distributed to all VGS members along with notices of VGS events.

The VGS executive committee distributed profits from the GeoVancouver 2016 conference, including the creation of a British Columbia Institute of Technology award, scholarship top-up for the University of British Columbia, and support for other local CGS sections in BC.

Membership Information

As of October 17, 2018, the VGS had regular paid membership of 202, student membership of 13, and life membership of 12; for a total membership of 227. The membership was predominantly based in the Lower Mainland.

Technical Program

For the year 2017-2018, the following VGS meetings were held:

- September 20, 2017 – Annual General Meeting
“Evergreen Line Rapid Transit: Deep Foundation and Ground Improvement Solutions”
Dr. Ali Azizian, Tetra Tech
- October 25, 2017 – Fall Cross Canada Lecture Tour
“Advances in Dam Design”
Dr. Jean-Marie Konrad, Université Laval
- November 14, 2017
“Probability Approach for Ground and Structure Response to GSC 2015 Seismic Hazard including Crustal and Subduction Earthquake Sources”
Dr. Guoxi Wu, BC Hydro
- January 9, 2018 – TAC-VGS Holiday Social
“Landslide risk reduction in Guatemala for homeowners in under-privileged areas”
Lauren Hutchinson, BGC Engineering
- January 24, 2018
“Study of Current State-of-Practice on Tailings Management Technologies”
Kate Patterson, Klohn Crippen Berger
- February 21, 2018
“Roberts Bank Terminal 2 Site Investigation Case History”
Jamie Sharp, ConeTec
- March 15, 2018 - UBC Geological Engineering Distinguished Lecture
“Protecting Society from Landslide Hazard and Risk”
Dr. Suzanne Lacasse, Norwegian Geotechnical Institute
- May 2, 2018
“Mountain Permafrost Engineering and Mining”
Dr. Lukas Arenson, BGC Engineering

- May 22, 2018 – Spring CCLT
“Lessons Learned for Ground Movements and Soil Stabilization from The Boston Central Artery”
Dr. Thomas O’Rourke, Cornell University
- June 1, 2018 – VGS Symposium
Theme: Ground Improvement
Keynote: Dr. Juan Baez, Advanced Geosolutions Inc.

Financial Status

The VGS’s operating budget was primarily funded by profits from past symposia, technical short courses and conferences. As of October 17, 2018, the end of the VGS accounting year, the account balances totaled \$124,397.89, of which \$87,254.59 was held in an RBC chequing account and \$36,943.30 was held in an RBC savings account.

Following the 69th Annual Canadian Geotechnical Conference, GeoVancouver 2016, the GeoVancouver Local Organizing Committee returned the \$20,000 of seed money provided by the VGS, in addition to \$112,139.86 representing a 50% share of the profit from the conference. The VGS executive committee is considering options distributing of some of the profits obtained from the GeoVancouver conference in the form of additional student scholarships or contributions to other CGS local sections in British Columbia.

Prepared by:

Shane Magnusson
Chair, Vancouver Geotechnical Society

VANCOUVER GEOTECHNICAL SOCIETY

Income Statement from September 26, 2017 to September 26, 2018

Compiled by Yoshi Tanaka, VGS Treasurer

Opening Cash Balance

Royal Bank - Chequing	\$156,337.31
Royal Bank - Savings	\$18,858.13
Registrar Float	\$100.00
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	\$175,295.44

Revenue

VGS Membership Dues and Dinners	\$4,060.00
VGS 2016/2017 Short Course	\$17,825.42
VGS Symposium	\$57,249.58
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	\$79,135.00

Expenses

VGS Meetings	\$20,673.58
CCLT	\$2,477.23
TAC-VGS Holiday Social	\$1,417.90
UBC-VGS Distinguished Lecture	\$1,100.40
VGS 2016/2017 Short Course	\$19,495.14
VGS Symposium	\$41,109.65
UBC Scholarship	\$7,000.00
BCIT Award	\$20,000.00
VGS Donation to other BC Chapters	\$15,000.00
Electronics/Internet Expenses	\$1,984.37
Bank Fees, Cheque Expenses	\$134.03
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	\$130,392.30

Year End Closing Balance

Royal Bank - Chequing	\$87,254.59
Royal Bank - Savings	\$36,943.30
Registrar Float	\$200.00
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	\$124,397.89

Treasurer's Summary (Monthly)

Period	Royal Bank - Savings				Royal Bank - Chequing			
	Opening Balance	Credits	Debits	Closing Balance	Opening Balance	Credits	Debits	Closing Balance
Sep. 2017	\$156,337.31	\$2,825.00	\$2,771.39	\$156,390.92	\$18,858.13	\$1.93	\$0.00	\$18,860.06
Oct. 2017	\$156,390.92	\$0.00	\$10,268.35	\$146,122.57	\$18,860.06	\$1.87	\$0.00	\$18,861.93
Nov. 2017	\$146,122.57	\$0.00	\$2,852.27	\$143,270.30	\$18,861.93	\$17,736.89	\$0.00	\$36,598.82
Dec. 2017	\$143,270.30	\$0.00	\$1,229.19	\$142,041.11	\$36,598.82	\$2.74	\$44.25	\$36,557.31
Jan. 2018	\$142,041.11	\$0.00	\$12,856.33	\$129,184.78	\$36,557.31	\$4.94	\$0.00	\$36,562.25
Feb. 2018	\$129,184.78	\$0.00	\$8,109.86	\$121,074.92	\$36,562.25	\$325.89	\$0.00	\$36,888.14
Mar. 2018	\$121,074.92	\$20,200.00	\$5,873.74	\$135,401.18	\$36,888.14	\$8.36	\$1.00	\$36,895.50
Apr. 2018	\$135,401.18	\$13,747.46	\$3.75	\$149,144.89	\$36,895.50	\$9.27	\$0.00	\$36,904.77
May-18	\$149,144.89	\$10,977.12	\$32,342.23	\$127,779.78	\$36,904.77	\$8.97	\$0.00	\$36,913.74
Jun. 2018	\$127,779.78	\$11,140.00	\$33,235.18	\$105,684.60	\$36,913.74	\$9.27	\$0.00	\$36,923.01
Jul. 2018	\$105,684.60	\$2,420.00	\$3,269.61	\$104,834.99	\$36,923.01	\$8.98	\$0.00	\$36,931.99
Aug. 2018	\$104,834.99	\$0.00	\$2,576.65	\$102,258.34	\$36,931.99	\$11.31	\$0.00	\$36,943.30
Sep. 2018	\$102,258.34	\$0.00	\$15,003.75	\$87,254.59				