



Vancouver Geotechnical Society

A Local Section of the Canadian Geotechnical Society

www.v-g-s.ca

2016-2017 Executive Committee:

Chair	- Chris Longley, Stantec	604-436-3014
Past-Chair	- Ali Amini, NAGL	604-984-0759
Program Director	- Robyn Barnett, Tetra Tech EBA	604-685-0275
Treasurer	- Yoshi Tanaka, EXP	604-874-1245
Secretary	- Shane Magnusson, BGC	604-684-5900
Registrar	- Aran Thurairajah, Golder	604-296-4200
Web Manager	- Marc Bossé, Thurber	604-684-4384
CGS Director	- Jason Pellett, Tetra Tech EBA	604-685-0275
Member-at-Large	- James Woo, Stantec	604-436-3014
Member-at-Large	- Ryan Mills, Tetra Tech EBA	604-685-0275
Member-at-Large	- Mustapha Zergoun, Thurber	604-684-4384
Member-at-Large	- Andrea Loughheed, BGC	604-684-5900
Member-at-Large	-(Kumar) S. Sriskandakumar, BGC	604-684-5900

Summary of 2016-2017 Activities of the Vancouver Geotechnical Society, A local Section of the Canadian Geotechnical Society Prepared by Chris Longley, 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 14, 2016 to September 19, 2017.

Executive Committee

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

Chair:	Chris Longley, Stantec Consulting Ltd., Burnaby, B.C.
Past-Chair:	Ali Amini, Naesgaard Amini Geotechnical Ltd., North Vancouver, B.C.
Secretary:	Shane Magnusson, BGC Engineering Inc., Vancouver, B.C.
Treasurer:	Yoshi Tanaka, EXP Services Inc., Burnaby, B.C.
Program Director:	Robyn Barnett, Tetra Tech EBA Inc., Vancouver, B.C.
Registrar:	Aran Thurairajah, Golder Associates Ltd., Vancouver, B.C.
Web Manager:	Marc C. Bossé, Thurber Engineering Ltd., Vancouver, B.C.
CGS Director:	Jason Pellett, Tetra Tech EBA Inc., Vancouver, B.C.
Members at large:	(Kumar) S. Sriskandakumar, BGC Engineering Inc., Vancouver, B.C. Ryan Mills, Tetra Tech EBA Inc., Vancouver, B.C. Mustapha Zergoun, Thurber Engineering Ltd., Vancouver, B.C. Andrea Loughheed, Thurber Engineering Ltd., Vancouver, B.C. James Woo, Stantec Consulting Ltd., Burnaby, B.C.

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 a one-day short course in addition to the annual Symposium. The executive committee maintained contact with

other geotechnical groups in British Columbia 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 is considering options for distribution of profits from the GeoVancouver conference, including creation of scholarships for students attending local universities, and support for other local sections of the Canadian Geotechnical Society (CGS) in British Columbia.

Membership Information

As of September 19, 2017, the VGS had regular paid membership of 236, student membership of 24, and life membership of 13; for a total membership of 273. The membership was predominantly based in the Lower Mainland.

Technical Program

For the year 2016-2017, the following VGS meetings were held:

September 14, 2016 – Annual General Meeting
“Ground Improvement and Liquefaction Mitigation Using Driven Timber Piles”
Dr. Armin Stuedlein, Oregon State University

October 2 to 5, 2016 – GeoVancouver Conference
“History and Innovation”

October 27, 2016 – Fall CCLT
“Liquefaction and Spatial Variability”
Dr. Ross Boulanger, University of California (Davis)

November 29, 2016
“Recent Trends in Safety Assessments for Tailings Dams”
Bryan Watts, Klohn Crippen Berger

January 10, 2017 – TAC-VGS Holiday Social
“Engineers Without Borders Project in Panama”
Ross Varin, CDM Smith

February 1, 2017 – Short Course
“Glacial Landforms and Sediments of British Columbia”
Dr. John Clague, Simon Fraser University

February 2, 2017
“A Screening Tool for Impact Hammer Selection for Installation, Testing and Damage Mitigation for Open-Toe Steel Pipe and H-Piles”
David Tara, Thurber Engineering

February 22, 2017
“Challenging Rock Slope Excavation and Remediation”
Charles Hunt, Tetra Tech EBA

March 23, 2017 – UBC-VGS Geological Engineering Distinguished Lecture
“Importance of Geology and Rock Mechanics in the Siting and Construction of Dams”
Dr. Richard Goodman, University of California (Berkeley)

April 12, 2017 – Spring CCLT
“Risk Assessment in Geotechnical Engineering”
Dr. Vaughan Griffiths, Colorado School of Mines

May 16, 2017
“SANICLAY and SANISAND Plasticity Models: Recent Advances and Applications”
Dr. Mahdi Taiebat, University of British Columbia

June 2, 2017 – 25th VGS Symposium
“Engineered and Natural Slopes”

Financial Status

The VGS’s operating budget was primarily funded by profits from past symposia, technical short courses and conferences. As of September 19, 2017, the end of the VGS accounting year, the account balances totaled \$175,197.37, of which \$156,337.31 was held in an RBC chequing account and \$18,860.06 was held in an RBC savings account. The VGS’s previous account with Tangerine was closed, and \$11,664.71 in funds were transferred to the 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 student scholarships or contributions to other CGS local sections in British Columbia.

Prepared by:

Chris Longley
Chair, Vancouver Geotechnical Society

VANCOUVER GEOTECHNICAL SOCIETY

Income Statement from August 26, 2016 to September 1, 2017

Compiled by Yoshi Tanaka, VGS Treasurer

Opening Cash Balance

Royal Bank	\$21,442.66
Tangerine (Transferred to Royal Bank)	\$11,655.15
Registrar Float	\$100.00
	<hr/> <hr/>
	\$33,197.81

Revenue

VGS Membership Dues and Dinners	\$6,141.91
VGS Short Course	\$35,100.00
VGS Symposium	\$52,840.00
GeoVancouver (\$20,000 Seed Money + Profit)	\$132,139.86
Interest and Bank Credits	\$12.67
	<hr/> <hr/>
	\$226,234.44

Expenses

VGS Meetings	\$10,156.62
CCLT	\$4,256.56
TAC-VGS Holiday Social	\$365.00
UBC-VGS Distinguished Lecture	\$750.00
VGS Short Course	\$27,040.52
VGS Symposium	\$38,692.26
YGEGC Student Sponsorship	\$726.09
Electronics/Internet Expenses	\$1,977.06
Bank Fees, Cheque Expenses	\$170.77
	<hr/> <hr/>
	\$84,134.88

Year End Closing Balance

Royal Bank	\$175,197.37
Registrar Float	\$100.00
	<hr/> <hr/>
	\$175,297.37

Treasurer's Summary (Monthly)

Period	Royal Bank				Tangerine			
	Opening Balance	Credits	Debits	Closing Balance	Opening Balance	Credits	Debits	Closing Balance
Sep. 2016	\$21,442.66	\$0.00	\$2,188.45	\$19,254.21	\$11,655.15	\$4.78	\$0.00	\$11,659.93
Oct. 2016	\$19,254.21	\$0.00	\$1,423.55	\$17,830.66	\$11,659.93	\$4.78	\$0.00	\$11,664.71
Nov. 2016	\$17,830.66	\$11,664.71	\$2,191.22	\$27,304.15	\$11,664.71	\$0.00	\$11,664.71	-
Dec. 2016	\$27,304.15	\$2,914.76	\$2,013.29	\$28,205.62	-	-	-	-
Jan. 2017	\$28,205.62	\$1,130.00	\$1,007.78	\$28,327.84	-	-	-	-
Feb. 2017	\$28,327.84	\$55,450.75	\$32,451.43	\$51,327.16	-	-	-	-
Mar. 2017	\$51,327.16	\$0.00	\$5,704.50	\$45,622.66	-	-	-	-
Apr. 2017	\$45,622.66	\$25,875.00	\$1,332.17	\$70,165.49	-	-	-	-
May 2017	\$70,165.49	\$2,435.00	\$2,129.64	\$70,470.85	-	-	-	-
Jun. 2017	\$70,470.85	\$24,530.00	\$32,381.30	\$62,619.55	-	-	-	-
Jul. 2017	\$62,619.55	\$113,886.46	\$1,208.70	\$175,201.21	-	-	-	-
Aug. 2017	\$175,201.21	\$2.91	\$6.75	\$175,197.37	-	-	-	-