



Vancouver Geotechnical Society

A Local Section of the Canadian Geotechnical Society

www.v-g-s.ca

2014-2015 Executive Committee:

Chair	-(Kumar) S. Sriskandakumar, BGC	604-684-5900
Past-Chair	-Ryan Mills, Tetra Tech EBA	604-685-0275
Program Director	-Ali Amini, NAGL	604-984-0759
Treasurer	-Chris Longley, Stantec	604-436-3014
Secretary	-Yoshi Tanaka, Levelton	604-278-1411
Registrar	-Robyn Barnett, Tetra Tech EBA	604-685-0275
Web Manager	-Marc Bossé, Thurber	604-684-4384
CGS Director	-Jason Pellett, Tetra Tech EBA	604-685-0275
Member-at-Large	-Mustapha Zergoun, Thurber	604-684-4384
Member-at-Large	-Andrea Lougheed, Thurber	604-684-4384
Member-at-Large	-Mike Hopson, Nilex	604-420-6433

Summary of 2014-2015 Activities of the Vancouver Geotechnical Society, A local Section of the Canadian Geotechnical Society Prepared by (Kumar) S. Sriskandakumar, Chair

Introduction

This report is a summary of the activities of the Vancouver Geotechnical Society (VGS), a local Section of the Canadian Geotechnical Society, for the period September 18, 2014 to September 20, 2015.

Executive Committee

The 2014-2015 VGS Executive Committee consisted of:

Chair:	(Kumar) S. Sriskandakumar, BGC Engineering Inc., Vancouver, B.C.
Past-Chair:	Ryan W.J. Mills, Tetra Tech EBA Inc., Vancouver, B.C.
Secretary:	Yoshi Tanaka, Levelton Consultants Ltd., Richmond, B.C.
Treasurer:	Chris Longley, Stantec Inc., Burnaby, B.C.
Program Director:	Ali Amini, Naesgaard Amini Geotechnical Ltd., North Vancouver, B.C.
Registrar:	Robyn Barnett, Tetra Tech EBA Inc., 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:	Mustapha Zergoun, Thurber Engineering Ltd., Vancouver, B.C. Andrea Lougheed, Thurber Engineering Ltd., Vancouver, B.C. Mike Hopson, Nilex Inc., Burnaby, B.C.

Activities

The VGS executive committee met about once a month to organize technical presentations, social events and to review issues relevant to the society. Generally, the executive meetings took place immediately before the monthly technical presentations. The attendance at the technical presentations typically ranged from 60 to 100 attendees. The executive also maintained regular contacts 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 in addition to notices of VGS events.

The VGS has scanned all the past proceedings of the VGS symposia (1986 to 2015) and has made them available to the public in the VGS website.

Membership Information

As of September 20, 2015, the VGS had regular paid membership of 227, student membership of 9, and life membership of 16; for a total membership of 252. The membership was predominantly based in the Lower Mainland.

Meetings

For the year 2014-2015, the following VGS meetings were held:

September 18, 2014 - Annual General Meeting

“Selection and Modification of Time-Histories for Southwestern B.C.”

Tuna Onur, Ph.D., Seismic Hazard and Risk Consultant

October 07, 2014

“Evaluating Soil Liquefaction Using the CPT – Practical Considerations”

Peter K. Robertson, Ph.D., P.Eng., University of Alberta and Gregg Drilling and Testing Inc.

November 12, 2014

“Instrumented Becker Penetration Test for Liquefaction Assessment in Gravelly Soils”

Mason Ghafghazi, Ph.D., P.Eng., University of California Davis

November 27, 2014 – Cross Canada Lecture Tour – Cancelled due to speaker’s flight delay

“Offshore Foundation Systems – Role of Geotechnical Centrifuge Modelling”

Ryan Phillips, Ph.D., P.Eng., C-CORE

December 08, 2014 – TAC-VGS Holiday Social

“Engineers Without Borders Canada’s Programs and Work in Malawi with the Water and Sanitation Team”

Belinda Li, Tetra Tech EBA

January 16 and 17, 2015 – Two-Day Workshop

“Developing Confidence in Critical State Soil Mechanics”

Mike Jefferies, P.Eng., Golder Associates Ltd., and Dawn Shuttle, Ph.D.

February 03, 2015

R.F. Legget Medal Dinner in Honour of Professor Emeritus Peter M. Byrne

February 19, 2015

“The 22 March 2014 Oso, Washington, USA, Landslide”

Joseph Wartman, Ph.D., P.E., University of Washington

March 11, 2015 – UBC-VGS Geological Engineering Distinguished Lecture

“Failure and Post-Failure Analysis of Submarine Mass Movement”

Jacques Locat, Ph.D., Laval University

March 25, 2015

“Probabilistic Seismic Hazard Assessment (PSHA) – An Overview”

Tuna Onur, Ph.D., Seismic Hazard and Risk Consultant

April 15, 2015

“2014 SR 530 Landslide (Oso, Washington, USA) – A Mechanistic Interpretation of Initiation and Movement”

Tim Stark, Ph.D., University of Illinois at Urbana-Champaign, and Oldrich Hungr, Ph.D., University of British Columbia

May 14, 2015 – Cross Canada Lecture Tour

“On the Importance of Kinematic in the Analysis of (Large) Landslides”

Nick Sitar, Ph.D., P.Eng., University of California Berkeley

June 12, 2015 - 23rd VGS Symposium

“Soil Structure Interaction”

Financial Status

The VGS’s operating budget was primarily funded by profits from past symposia, technical short courses and conferences. As of September 20, 2015, the end of the VGS accounting year, the account balances were \$37,719.95, of which \$11,596.98 was invested in a business savings account at Tangerine Bank (formally ING Direct), with the remainder being used to fund regular operations. A brief report by the Treasurer is attached.

The Local Organizing Committee of the 69th Annual Canadian Geotechnical Conference, GeoVancouver 2016, approached the VGS for seed money. The VGS offered \$10,000 during the 2013-2014 year and provided another \$10,000 during the 2014-2015 year. This seed money and a share in profit, if any, from the conference, are to be returned to the VGS upon the conclusion of the conference, allocated in accordance with the memorandum of understanding signed between the VGS, CGS and GeoVancouver 2016 Local Organizing Committee.

Prepared by:

(Kumar) S. Sriskandakumar

Chair, Vancouver Geotechnical Society

VANCOUVER GEOTECHNICAL SOCIETY

Income Statement from September 12, 2014 to September 20, 2015

Compiled by Chris Longley, VGS Treasurer

Opening Cash Balance

Royal Bank	\$38,720.66
Tangerine (Formally ING Direct)	\$11,500.59
Registrar Float	\$100.00
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	\$50,321.25

Revenue

Membership Dues and Dinners	\$5,690.00
VGS Workshop	\$10,975.00
Legget Medal Dinner	\$5,965.00
VGS Symposium	\$53,856.50
Interest and Bank Credits	\$96.39
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	\$76,582.89

Expenses

VGS Meetings	\$15,799.12
CCLT	\$2,316.23
TAC-VGS Holiday Social	\$850.56
UBC-VGS Distinguished Lecture	\$566.13
VGS 2-Day Workshop	\$7,472.16
Legget Medal Dinner	\$6,179.88
VGS Symposium	\$42,458.11
CGS Conference Student Sponsorship	\$167.54
Seed Money to GeoVancouver 2016	\$10,000.00
Electronics/Internet Expenses	\$3,108.90
Bank Fees, Cheque Expenses	\$265.56
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	\$89,184.19

Year End Closing Balance

Royal Bank	\$26,022.97
Tangerine (Formally ING Direct)	\$11,596.98
Registrar Float	\$100.00
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	\$37,719.95

Treasurer's Summary (Monthly)

Period	Royal Bank				ING Direct			
	Opening Balance	Credits	Debits	Closing Balance	Opening Balance	Credits	Debits	Closing Balance
11-Sep-14	38,720.66	0.00	14,874.21	23,846.45	11,500.59	0.00	0.00	11,500.59
Oct, 2014	23,846.45	0.00	1,968.68	21,877.77	11,500.59	9.45	0.00	11,510.04
Nov, 2014	21,877.77	2,780.00	4,775.30	19,882.47	11,510.04	9.78	0.00	11,519.82
Dec, 2014	19,882.47	1,460.08	1,508.76	19,833.79	11,519.82	9.47	0.00	11,529.29
Jan, 2015	19,833.79	10,650.00	1,616.85	28,866.94	11,529.29	9.79	0.00	11,539.08
Feb, 2015	28,866.94	7,795.00	18,350.11	18,311.83	11,539.08	9.80	0.00	11,548.88
Mar, 2015	18,311.83	0.00	1,810.07	16,501.76	11,548.88	6.80	0.00	11,555.68
Apr, 2014	16,501.76	280.00	2,845.73	13,936.03	11,555.68	7.36	0.00	11,563.04
May, 2015	13,936.03	12,750.00	1,861.21	24,824.82	11,563.04	7.13	0.00	11,570.17
Jun, 2015	24,824.82	29,181.50	25,167.74	28,838.58	11,570.17	7.37	0.00	11,577.54
Jul, 2015	28,838.58	11,925.00	12,765.26	27,998.32	11,577.54	7.14	0.00	11,584.68
Aug, 2015	27,998.32	0.00	862.48	27,135.84	11,584.68	7.38	0.00	11,592.06
20-Sep-15	27,135.84	0.00	1,112.87	26,022.97	11,592.06	4.92	0.00	11,596.98