

 <p style="text-align: center;">Vancouver Geotechnical Society A Local Section of the Canadian Geotechnical Society www.v-g-s.ca</p>	2020-2021 Executive Committee:	
	Chair	- Tim Morton, Tetra Tech
	Past-Chair	- Yoshi Tanaka, Kontur
	Program Director	- Aran Thurairajah, Golder, Kevin Kuei, Golder
	Treasurer	- Intisar Ahmed, Thurber
	Secretary	- Eryn Alexander, BGC, Priyesh Verma, BGC
	Registrar	- Ethan Alban, KP, Muin Ahmed Alif, Aecon
	Web Manager	- Tajinder Singh, Hatch
	CGS Director	- Marc Bossé, Thurber
	Student Rep.	- Jeremy Young, UBC
	Symposium Co-Chair	- Olga Kosarewicz, BCIT, Shane Magnusson, BGC
	Member-at-Large	Kumar Sriskandakumar, BGC, Mahdi Shahrabi, Golder, Jared Whitehead, Klohn, Amin Bigdeli, WSP, MJ Siahdashti, PWC

Summary of 2020 – 2021 Activities of the Vancouver Geotechnical Society

Introduction

This report is a summary of the activities of the Vancouver Geotechnical Society, a local section of the Canadian Geotechnical Society, for the 2020-2021 season.


Executive Committee

The 2020-2021 executive committee of the VGS comprised the following members:

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Program Director	Aran Thurairajah Kevin Kuei	Golder Golder
Treasurer	Intisar Ahmed	Thurber
Secretary	Eryn Alexander Priyesh Verma	BGC BGC
Registrar	Ethan Alban Muin Ahmed Alif	KP Aecon
Web Manager	Tajinder Singh	Hatch
CGS Director	Marc Bossé Andrea Lougheed	Thurber BGC
Symposium	Olga Kosarewicz	BCIT
Symposium	Shane Magnusson	BGC
VGS Student Rep.	Jeremy Young	UBC
Members-at-Large	Kumar Sriskandakumar	BGC
	Mahdi Shahrabi	Golder
	Jared Whithead	Klohn
	Amin Bigdeli	WSP
	MJ Siahdashti	PWC

Activities

The VGS executive committee meets about once a month to organize technical presentations, social events, and to review issues relevant to the society. With Covid-19 VGS activities migrated to be 100%

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virtual for the 2020-2021 year with hopes of returning to in person in the near future. Typically, the executive meetings take place immediately before the monthly technical presentations but with virtual setups this was changed to approximately 1 to 2 days before each presentation this year. Attendance at the monthly technical meetings varied from approximately 61 to 197. No short courses were held due to attendance restrictions. A virtual symposium was held on May 28th, 2021 with an attendance of 134.

Membership Information

The final membership total for the program year was 426 of which 355 were regular members, 57 were student members, and 14 were lifetime members (i.e. recipients of the VGS award). The membership was mostly from the Lower Mainland, with several members from Vancouver Island and the interior.

Meetings, Short Courses, and Symposium

The following events were held during the 2020-2021 program year. No Short Courses were held due to restrictions on in-person sessions due to Covid-19.

November 4, 2020 | AGM and 2020 Fall Cross Canada LECTURED TOUR

“Evaluation of Flow Liquefaction and Liquefied Strength Using CPT – An Update” - Dr. Peter Robertson, Gregg Drilling

January 12, 2021

“Performance of Levees: Learning from the Past – Looking to the Future” - Dr. Adda Athanasopoulos-Zekkos, UC Berkeley

February 10, 2021

“Bio-Cementation Soil Improvement for the Mitigation of Earthquake Induced Soil Liquefaction” - Dr. Michael G. Gomez – University of Washington

February 24, 2021


“The 6th Generation Seismic Hazard Model of Canada and Proposed Provisions for the 2020 Edition of the NBCC” - Dr. Tuna Onur and Michael Kolaj

March 8, 2021

“Geotechnical Investigation of Coastal Sediments with Regards to Geomorphodynamics” - Dr. Nina Stark, Virginia Tech

March 18, 2021 – UBC CGS Georox Distinguished Lecture

“Risk Management of Rock Slope Instability” - Dr. Duncan Wyllie, Wyllie & Norrish Rock Engineers

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April 22, 2021

“Design of Pile-Supported Wharves Subjected to Inertial Loads and Liquefaction-Induced Ground Deformations” - Dr. Arash Khosravifar, Portland State University

May 20, 2021

“Understanding Spreads in Canadian Sensitive Clays”- Dr. Ariane Locat, Université Laval

May 28, 2021 | 2021 VGS Symposium

Keynote: *“The Deep-Seated Geology and Geotechnical Conditions of North Vancouver as Revealed through the Excavation of the Twin Tunnels Project”* - Charles Hunt, McMillen Jacobs Associates

“Large Area Flood, Seep Creek and Landslide-Dam Flood Risk Prioritization” - Kris Holm

“Reliability-based dynamic analyses for seismic design optimization in BC” - Guxi Wu

“Evaluating quantitative and qualitative benefits of Geogrid in design applications” - Eden Thomas

“Randomization of Shear Wave Velocity for use in Probabilistic 2-D Ground Response Analyses” - Laura Luna Cabrera; Roberto Olivero

“What have I Learned in 35 Years of Defending Geotechnical Claims” - Craig Wallace

“Risk Management for Geotechnical Consultants: How to Avoid Potential Claims and Manage them When They (Inevitably) Arise” - Rob McLeod; Karen Weslowski

“Hazard and Risk Assessment of a large rock slope in the Canadian Rocky Mountains” - Aaron Nickoli


“Sleep on it! Fatigue Risk Management Considerations in the Geotechnical Engineering Consulting Field” - Shane Magnusson; Clinton Marquardt

Awards

The VGS Award was issued to Marc Bossé of Thurber at the 2021 Symposium.

Financial Status


In the 2020-2021 program year the VGS reported a surplus of about \$1,400 with an opening balance of \$84,206.49 and a closing balance of \$85,618.75. Generally the VGS loses money in a typical year but presentation expenses were lower than usual as expenses shifted from room rentals and food to online presentation platform fees.

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A brief report by the Treasurer is attached.

Prepared by:

Timothy Morton
Chair, Vancouver Geotechnical Society

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VANCOUVER GEOTECHNICAL SOCIETY

Income Statement from September 1, 2020 to August 31, 2021

Compiled by Intisar Ahmed, VGS Treasurer

Opening Cash Balance

Royal Bank-chequing	\$46,850.02
Royal Bank-savings	\$37,356.47
	\$84,206.49

Revenue

Savings Interest	\$68.20
Membership Dues	\$7,097.66
VGS Symposium (Registrants and Sponsors)	\$29,826.03
	\$36,992.11

Expenses

VGS Meetings (2019-2020 Idriss Honorarium, speaker gifts, etc.)	\$2,817.52
VGS Symposium	\$29,578.67
Electronics/Internet Expenses (incl. webinar software)	\$3,098.61
Bank Fees/Transaction Fees	\$85.05
	\$35,579.85

Year End Closing Balance

Royal Bank - chequing	\$48,193.86
Royal Bank - Savings	\$37,424.89
	\$85,618.75