



Vancouver Geotechnical Society

A Local Section of the Canadian Geotechnical Society

www.v-g-s.ca

2022-2023 Executive Committee:

Chair	Aran Thurairajah, WSP
Past-Chair	Olga Kosarewicz, Rio Tinto
Program Director	Intisar Ahmed, Thurber Tyler Southam, Tetra Tech
Treasurer	Jared Whitehead, Kontur
Secretary	Muin Ahmed Alif, AECON
Registrar	Thushara Jayasinghe, UBC Ali Jahanfar, Stantec
Web Manager	Tajinder Singh, Thurber
CGS Director	Marc Bossé, Thurber
Symposium Co-chair	Mahdi Shahrabi, WSP
Student Representative	Yulia Hung, UBC
Member-at-Large	Eryn Alexander, BGC Emir Hot, Arya Engineering

Summary of 2022 – 2023 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 2022-2023 season.

Executive Committee

The 2022-2023 executive committee of the VGS comprised the following members:

Chair	Aran Thurairajah, WSP
Past-Chair	Olga Kosarewicz, Rio Tinto
Program Director	Intisar Ahmed, Thurber Tyler Southam, Tetra Tech
Treasurer	Jared Whitehead, Kontur
Secretary	Muin Ahmed Alif, AECON
Registrar	Thushara Jayasinghe, UBC Ali Jahanfar, Stantec
Web Manager	Tajinder Singh, Thurber
CGS Director	Marc Bossé, Thurber
Symposium Co-chair	Mahdi Shahrabi, WSP
Student Representative	Yulia Hung, UBC
Member-at-Large	Eryn Alexander, BGC Emir Hot, Arya Engineering

Activities

The VGS executive committee meets about once a month to organize technical presentations, social events, and to review issues relevant to the society. The technical presentation/lecture series throughout 2022/2023 fiscal year were in-person events with attendance varying from 30 to 100. More than 220 people attended the 29th VGS Symposium.



Vancouver Geotechnical Society

A Local Section of the Canadian Geotechnical Society

www.v-g-s.ca

2022-2023 Executive Committee:

Chair	Aran Thurairajah, WSP
Past-Chair	Olga Kosarewicz, Rio Tinto
Program Director	Intisar Ahmed, Thurber Tyler Southam, Tetra Tech
Treasurer	Jared Whitehead, Kontur
Secretary	Muin Ahmed Alif, AECON
Registrar	Thushara Jayasinghe, UBC Ali Jahanfar, Stantec
Web Manager	Tajinder Singh, Thurber
CGS Director	Marc Bossé, Thurber
Symposium Co-chair	Mahdi Shahrabi, WSP
Student Representative	Yulia Hung, UBC
Member-at-Large	Eryn Alexander, BGC Emir Hot, Arya Engineering

Membership Information

The final membership total for the program year was 406 of which 360 were regular members, 31 were student members, and 15 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 web-based and in-person events were held during the 2022-2023 program year.

November 16, 2022 - AGM

"Changes in Seismic Site Response Analysis Approach to be consistent with the 6th Generation Seismic Hazard Model of Canada" Chris Weech, Thurber Engineering

November 29, 2022 – Fall Cross Canada Lecture Tour

"Sustainable Practices for Geotechnical Engineering" Catherine Mulligan, Concordia University

November 30, 2022 – VGS-ConeTec Short Course

"Pushing, Expanding and Hammering"

January 24, 2023 – TAC-VGS Social Event

"Bridges to Prosperity – 2022 Cyarera Bridge Project" Heather Hughes-Adams, McMillen Jacobs

February 15, 2023 – VGS-CGS YP Committee panel discussion

"Career Development for Early-Career Geotechnical Engineers", Andrea Lougheed – BGC Engineering, Chris Vervaeke – TerraCana Foundation Solutions, Juan-Carlos Carvajal – Thurber Engineering Ltd. Patrick Korner – Tetra Tech, Scott McDougall – University of British Columbia, Uthaya Uthayakumar – Stantec

February 23, 2023

"Field Trials of Microbially Induced Desaturation for Earthquake Liquefaction Mitigation in Portland, Oregon" Diane Moug - Portland State University

March 23, 2023

"Shear Wave-Velocity of Liquefied Soil: An Update" Robert Kayen – University of California, Berkeley

March 28, 2023 – 2023 UBC GeoRox Distinguished Lecture



Vancouver Geotechnical Society

A Local Section of the Canadian Geotechnical Society

www.v-g-s.ca

2022-2023 Executive Committee:

Chair	Aran Thurairajah, WSP
Past-Chair	Olga Kosarewicz, Rio Tinto
Program Director	Intisar Ahmed, Thurber Tyler Southam, Tetra Tech
Treasurer	Jared Whitehead, Kontur
Secretary	Muin Ahmed Alif, AECON
Registrar	Thushara Jayasinghe, UBC Ali Jahanfar, Stantec
Web Manager	Tajinder Singh, Thurber
CGS Director	Marc Bossé, Thurber
Symposium Co-chair	Mahdi Shahrabi, WSP
Student Representative	Yulia Hung, UBC
Member-at-Large	Eryn Alexander, BGC Emir Hot, Arya Engineering

“Mining, Sustainability, and Mine Design Criteria in the Context of a Changing Society” Anthony Hodge, Queens University in Kingston.

April 13, 2023

“Lessons Learned from the SR-99 Highway Tunnel Project in Seattle – Owner’s Perspective” Gregg Korbin, Geotechnical Consultant.

May 1, 2023 – Spring Cross Canada Lecture Tour

“Next Generation Liquefaction Hazard Analysis – Data, Issues, and Model Development” Steve Kramer – University of Washington

May 12, 2023 – One Day Short Course

“Basics of Pile Foundations” – Bengt Fellenius

May 17, 2023

“Tailings-Specific Liquefaction Assessment” Mason Ghafghazi – University of Toronto

September 15, 2023 – 29th VGS Symposium

“Geotechnical Engineering in Infrastructure”

Awards

VGS Award for the year 2022/2023 was awarded to Karen Savage of Horizon Engineering Inc., Part of RAM.

Financial Status

In the 2022-2023 program year the VGS reported a net loss of about \$19,620 with an opening balance of \$110,496.29 and a closing balance of \$90,878.14. A brief report by the Treasurer is attached.

Prepared by:

Aran Thurairajah
Chair, Vancouver Geotechnical Society



Vancouver Geotechnical Society

A Local Section of the Canadian Geotechnical Society

www.v-g-s.ca

2022-2023 Executive Committee:

Chair	Aran Thurairajah, WSP
Past-Chair	Olga Kosarewicz, Rio Tinto
Program Director	Intisar Ahmed, Thurber Tyler Southam, Tetra Tech
Treasurer	Jared Whitehead, Kontur
Secretary	Muin Ahmed Alif, AECON
Registrar	Thushara Jayasinghe, UBC Ali Jahanfar, Stantec
Web Manager	Tajinder Singh, Thurber
CGS Director	Marc Bossé, Thurber
Symposium Co-chair	Mahdi Shahrabi, WSP
Student Representative	Yulia Hung, UBC
Member-at-Large	Eryn Alexander, BGC Emir Hot, Arya Engineering

VANCOUVER GEOTECHNICAL SOCIETY

Income Statement from September 1, 2022 to September 30, 2023

Compiled by Jared Whitehead, VGS Treasurer

Opening Balance

Royal Bank-chequing	\$72,875.18
Royal Bank-savings	\$37,621.11
	\$110,496.29

Revenue

Savings Interest	\$747.37
Membership Dues	\$5,740.23
VGS Short Course (November)	\$27,706.55
VGS Short Course (May)	\$23,258.18
VGS Symposium (Registrants and Sponsors)	\$79,601.75
	\$137,054.08

Expenses

VGS Meetings (speaker gifts etc.)	\$27,847.39
CCLT	\$3,591.74
VGS Symposium	\$57,103.00
VGS Short Course (November)	\$27,702.32
VGS Short Course (May)	\$18,260.81
VGS Student Award	\$1,000.00
UBC Scholarship	\$20,000.00
Electronics/Internet Expenses	\$1,076.52
Bank/Transaction Fees	\$90.45
	\$156,672.23

Year End Closing Balance

Royal Bank - chequing	\$52,509.66
Royal Bank - Savings	\$38,368.48
	\$90,878.14