



**THE CANADIAN  
GEOTECHNICAL SOCIETY**

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**LA SOCIÉTÉ CANADIENNE  
DE GÉOTECHNIQUE**

**2018**  
**Annual Report / Rapport annuel**  
**(July 1, 2017 to June 30, 2018)**

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## CANADIAN GEOTECHNICAL SOCIETY – AWARDS AND HONOURS 2018

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**R.F. Legget Medal** Michel Aubertin, Professor Emeritus at École Polytechnique de Montréal, CGS Executive Director

**R.M. Quigley Award**

Lisa N. Wheeler, W. Andy Take, Neil A. Hoult, “Performance assessment of peat rail subgrade before and after mass stabilization”, Canadian Geotechnical Journal, 2017, 54(5): 674-689.

P.J. Pells, Z.T. Bieniawski, S.R. Hencher, S.E. Pells, “Rock quality designation (RQD): time to rest in peace”, Canadian Geotechnical Journal, 2017, 54(6): 825-834

**Honourable Mentions** R.K. Rowe, R.W.I. Brachman, M.S. Hosney, W.A. Take, D.N. Arnepalli, “Insight into hydraulic conductivity testing of geosynthetic clay liners (GCLs) exhumed after 5 and 7 years in a cover”, Canadian Geotechnical Journal, 2017, 54(8): 1118-1138.

Ariane Locat, Pascal Locat, Denis Demers, Serge Leroueil, Denis Robitaille, Guy Lefebvre, “The Saint-Jude landslide of 10 May 2010, Quebec, Canada: Investigation and characterization of the landslide and its failure mechanism”, Canadian Geotechnical Journal, 2017, 54(10): 1357-1374.

**G. Geoffrey Meyerhof Award** Jean-Pierre Tournier, Hydro-Québec

**Thomas Roy Award** Iain Bruce, BGC Engineering

**John A. Franklin Award** Not in 2018

**Robert N. Farvolden Award** Larry Bentley, University of Calgary  
(Joint award with IAHC-CNC)

**Robert Schuster Medal** Scott Burns, Portland State University  
(Joint award with AEG)

**Graduate Student Paper Award**

**1<sup>st</sup> Prize** Bradley Forbes, “The application of distributed optical strain sensing (DOS) to Optimize Underground Support Design”, Geological Sciences & Geological Engineering, Queen’s University, Dr. Mark Diederichs & Dr. Nicholas Vlachopoulos

**2<sup>nd</sup> Prize** Scott P. Coombs, “Observed Increase in Mobility of Dry Granular Landslides, Corresponding to Increased Collisional Activity, Quantified by a Smart Rock Sensor”, Civil Engineering, Queen’s University, Dr. Andy Take

**Undergraduate Student Report (Individual)**

**1<sup>st</sup> Prize** Jonathan Mole, “Validation de la méthode pseudo-statique spectrale dans le logiciel SVSLOPE de Soil Vision”, Université Laval, Dominique Turmel

**2<sup>nd</sup> Prize** Faria Ahmed, “Prediction of Resilient Modulus Using a Simplified Technique”, Civil and Environmental Engineering, University of Ottawa, Dr. Sai K. Vanapalli

**Undergraduate Student Report (Group)**

**1<sup>st</sup> Prize** Margie Banda, Dazy Gosal, Adam Mickey, Casey Watamaniuk, “Abundante Open Pit Design”, Geological Engineering Program, University of British Columbia (Vancouver), Susan W. Hollingshead

**2<sup>nd</sup> Prize** Foamenom Tabou, Gisèle Umuhire Dushime, Kenneth Onyekachi Omenogor, Qichen Liang, Saif El Hussein, Yu Bai, “Design of a Sustainable Condominium Complex in Ottawa Region Soils”, Civil Engineering, University of Ottawa, Dr. Kris Dick

**Canadian Foundation for Geotechnique Michael Bozozuk National Graduate Scholarship**

Campbell W. Bryden, Department of Civil Engineering, University of New Brunswick

**A.G. Stermac Awards**

Mamadou Fall, University of Ottawa

Paul Simms, Carleton University

Michael Porter, BGC Engineering Inc.

**CGS R.M. Hardy Keynote Address** C. Derek Martin, Canadian Rail Research Laboratory, University of Alberta  
**Canadian Geotechnical Colloquium** Matthew Lato, BGC Engineering Inc.  
**Cross Canada Lecture Tours** Dr. Tom O' Rourke (Spring 2018), Dr. Alex Sy (Fall 2018)

#### **AWARDS FROM ENGINEERING INSTITUTE OF CANADA (EIC)**

<u>John B. Stirling Medal</u>	<u>Catherine Mulligan</u> , Concordia University
<u>K.Y. Lo Medal</u>	<u>Delwyn G. Fredlund</u> , Golder Associates
<u>Canadian Pacific Railway Medal</u>	<u>D. Jean Hutchinson</u> , Queen's University
<u>Fellowship of the Institute (FEIC)</u>	<u>Dharma Wijewickreme</u>
<u>Fellowship of the Institute (FEIC)</u>	<u>Michel Julien</u>
<u>Fellowship of the Institute (FEIC)</u>	<u>Richard Brachman</u>
<u>Fellowship of the Institute (FEIC)</u>	<u>Kevin Biggar</u>
<u>Fellowship of the Institute (FEIC)</u>	<u>Robert Kenyon</u>

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### **LA SOCIÉTÉ CANADIENNE DE GÉOTECHNIQUE – PRIX ET DISTINCTIONS 2018**

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**Médaille R.F. Legget** Michel Aubertin, Professeur Emerite à l'École Polytechnique de Montréal, Directeur général de la SCG

#### **Prix R.M. Quigley**

Lisa N. Wheeler, W. Andy Take, Neil A. Hoult, "Performance assessment of peat rail subgrade before and after mass stabilization", Canadian Geotechnical Journal, 2017, 54(5): 674-689.

P.J. Pells, Z.T. Bieniawski, S.R. Hencher, S.E. Pells, "Rock quality designation (RQD): time to rest in peace", Canadian Geotechnical Journal, 2017, 54(6): 825-834

**Mentions honorables** R.K. Rowe, R.W.I. Brachman, M.S. Hosney, W.A. Take, D.N. Arnepalli, "Insight into hydraulic conductivity testing of geosynthetic clay liners (GCLs) exhumed after 5 and 7 years in a cover", Canadian Geotechnical Journal, 2017, 54(8): 1118-1138.

Ariane Locat, Pascal Locat, Denis Demers, Serge Leroueil, Denis Robitaille, Guy Lefebvre, "The Saint-Jude landslide of 10 May 2010, Quebec, Canada: Investigation and characterization of the landslide and its failure mechanism", Canadian Geotechnical Journal, 2017, 54(10): 1357-1374.

**Prix G. Geoffrey Meyerhof** Jean-Pierre Tournier, Hydro-Québec

**Prix Thomas Roy** Iain Bruce, BGC Engineering

**Prix John A. Franklin** Pas attribué en 2018

**Prix Robert N. Farvolden** Larry Bentley, University of Calgary

(Prix conjoint avec AIH-SNC)

**Médaille Robert Schuster** Scott Burns, Portland State University

(Prix conjoint avec AEG)

#### **Prix de la présentation des étudiants aux cycles supérieurs**

**1<sup>er</sup> prix** Bradley Forbes, "The application of distributed optical strain sensing (DOS) to Optimize Underground Support Design", Geological Sciences & Geological Engineering, Queen's University, Dr. Mark Diederichs & Dr. Nicholas Vlachopoulos

**2<sup>e</sup> prix** Scott P. Coombs, "Observed Increase in Mobility of Dry Granular Landslides, Corresponding to Increased Collisional Activity, Quantified by a Smart Rock Sensor", Civil Engineering, Queen's University, Dr. Andy Take

### **Prix du rapport des étudiants du premier cycle (individuel)**

- 1<sup>er</sup> prix** Jonathan Mole, "Validation de la méthode pseudo-statique spectrale dans le logiciel SVSLOPE de Soil Vision", Université Laval, Dominique Turmel
- 2<sup>e</sup> prix** Faria Ahmed, "Prediction of Resilient Modulus Using a Simplified Technique", Civil and Environmental Engineering, University of Ottawa, Dr. Sai K. Vanapalli

### **Prix du rapport des étudiants du premier cycle (groupe)**

- 1<sup>er</sup> prix** Margie Banda, Dazy Gosal, Adam Mickey, Casey Watamaniuk, "Abundante Open Pit Design", Geological Engineering Program, University of British Columbia (Vancouver), Susan W. Hollingshead
- 2<sup>e</sup> prix** Foamenom Tabou, Gisèle Umuhire Dushime, Kenneth Onyekachi Omenogor, Qichen Liang, Saif El Hussein, Yu Bai, "Design of a Sustainable Condominium Complex in Ottawa Region Soils", Civil Engineering, University of Ottawa, Dr. Kris Dick

### **Bourse aux études graduées Michael Bozozuk de la Fondation canadienne de géotechnique**

Campbell W. Bryden, Department of Civil Engineering, University of New Brunswick

### **Prix A.G. Stermac**

Mamadou Fall, University of Ottawa  
Paul Simms, Carleton University  
Michael Porter, BGC Engineering Inc.

### **Allocution R.M. Hardy**

C. Derek Martin, Canadian Rail Research Laboratory, University of Alberta

### **Colloquium canadien de géotechnique**

Matthew Lato, BGC Engineering Inc.

### **Tournée transcanadienne de conférences**

Dr. Tom O' Rourke (printemps 2018), Dr. Alex Sy (automne 2018)

### **PRIX ET DISTINCTIONS DE L'INSTITUT CANADIEN DES INGÉNIEURS (ICI)**

*Médaille John B. Stirling*

Catherine Mulligan, Concordia University

*Médaille K.Y. Lo*

Delwyn G. Fredlund, Golder Associates

*Médaille Canadian Pacific Railway*

D. Jean Hutchinson, Queen's University

*Fellow de L'ICI*

Dharma Wijewickreme

*Fellow de L'ICI*

Michel Julien

*Fellow de L'ICI*

Richard Brachman

*Fellow de L'ICI*

Kevin Biggar

*Fellow de L'ICI*

Robert Kenyon



**CANADIAN GEOTECHNICAL SOCIETY  
SOCIÉTÉ CANADIENNE DE GÉOTECHNIQUE  
BOARD OF DIRECTORS / CONSEIL DE DIRECTION**

**2018 BOARD OF DIRECTORS, COMMITTEE CHAIRS, OTHER POSITIONS AND NATIONAL OFFICE  
MEMBRES DU CONSEIL DE DIRECTION ET DU PERSONNEL DU BUREAU NATIONAL, PRÉSIDENTS DES  
COMITÉS ET PERSONNES OCCUPANT D'AUTRES POSTES EN 2018**

Terms end December 31 in the year shown, unless otherwise indicated.

Les mandats se terminent le 31 décembre de l'année indiquée.

**Executive Committee / Comité exécutif**

**President / Président**

2018

**Dharma Wijewickreme, P.Eng.**

Dept. of Civil Engineering  
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Vancouver BC V6T 1Z4  
Tel: 604 822 5112  
[president@cgs.ca](mailto:president@cgs.ca)

**Technical Division Representative**

2018

**Représentant des divisions techniques**

**Nicholas Vlachopoulos, P.Eng.**

Civil Engineering Dept.  
Royal Military College of Canada  
Kingston ON K7K 7B4  
Tel: 613 541 6000 Ext 6398  
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**Vice President Technical**

2018

**Vice-président technique**

**Suzanne Powell, P.Eng.**

Thurber Engineering Ltd.  
100 - 4396 West Saanich Rd  
Victoria BC V8Z 3E9  
Tel: 250 727 2201  
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**Section Representative**

2019

**Représentant des sections**

**Andrea Lougheed, M.Sc.(Eng.), P.Eng.**

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500 - 980 Howe St  
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**Vice President Financial**

2020

**Vice-président aux finances**

**Kent Bannister, P.Eng.**

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1712 St. James Street  
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**Division Chairs**

**Présidents des divisions**

**Cold Regions Geotechnology**

2019

**Géotechnologie des régions froides**

**Jack Seto, P.Eng.**

BGC Engineering Inc.  
200, 8204-104 Street NW  
Edmonton AB T6E 4E6  
Tel: 780-466-0538  
[jseto@bgcengineering.ca](mailto:jseto@bgcengineering.ca)

**Vice President Communications & Member** 2018

**Services / Vice-président Communications et services aux membres**

**Jean Côté, ing.**

Département de génie civil et de génie des eaux  
Department of Civil & Water Engineering  
1065, avenue de la Médecine  
Pavillon Adrien-Pouliot, Université Laval  
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Tel: 418 656-5936; Fax: 418 656-2928  
[Jean.Cote@gci.ulaval.ca](mailto:Jean.Cote@gci.ulaval.ca)

**Engineering Geology**

2018

**Géologie de l'ingénieur**

**Nicholas Vlachopoulos, P.Eng.**

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**Young Professional Representative**

2019

**Représentante des jeunes professionnels**

**Maraika De Groot, P.Eng.**

Stephen J.R. Smith School of Business  
Queen's University  
Kingston ON K7L 3N6  
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**Geoenvironmental**

2020

**Géoenvironnement**

**Magdalena Krol, P.Eng.**

Lassonde School of Engineering, York University  
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<p><b>Geosynthetics</b> <b>Géosynthétiques</b> <b>René Laprade, P. Eng.</b> TenCate Geosynthetics 15 Cossar Drive Aurora, ON L4G 3N7 Tel: 289-221-8956 <a href="mailto:r.laprade@tencategeo.com">r.laprade@tencategeo.com</a></p>	2020	<p><i>Prince George Geotechnical Group</i> 2019 <b>Warren Lemky, P.Eng.</b> Geotechnical &amp; Materials Engineering Ministry of Transportation &amp; Infrastructure Suite 13, 1011 4th Ave. Prince George BC V2L 3H9 Tel: 250 565 6162 <a href="mailto:warren.lemky@gov.bc.ca">warren.lemky@gov.bc.ca</a></p>
<p><b>Rock Mechanics</b> <b>Mécanique des roches</b> <b>Mohsen Nicksiar, P.Eng.</b> SNC-Lavalin 8648 Commerce Court Burnaby, BC V5A 4N6 Tel: 604 515 5151 x 55253 <a href="mailto:Mohsen.Nicksiar@snclavalin.com">Mohsen.Nicksiar@snclavalin.com</a></p>	2020	<p><i>Interior BC Section</i> 2020 <b>Dwayne Tannant, P.Eng.</b> School of Engineering University of British Columbia, Okanagan Campus 1137 Alumni Ave Kelowna BC V1V 1V7 Tel: 250 807 8723 <a href="mailto:dwayne.tannant@ubc.ca">dwayne.tannant@ubc.ca</a></p>
<p><b>Soil Mechanics and Foundations</b> <b>Mécanique des sols et des fondations</b> <b>Dipanjan Basu</b> Department of Civil and Environmental Engineering University of Waterloo 200 University Avenue West Waterloo, ON N2L 3G1 Tel : 519 888 4567 x 31284 <a href="mailto:dipanjan.basu@uwaterloo.ca">dipanjan.basu@uwaterloo.ca</a></p>	2020	<p><i>Calgary Geotechnical Society</i> 2020 <b>Leanne McLaren, EIT</b> Thurber Engineering 180, 7330 Fisher St SE Calgary, AB, T2H2H8 Phone: 403-829-2687 Email: <a href="mailto:lmclaren@thurber.ca">lmclaren@thurber.ca</a></p>
<p><b>Groundwater</b> <b>Eaux souterraines</b> <b>Jasmin Raymond, géo.</b> INRS-ETE 490 Rue de la Couronne Québec, QC G1K 9A9 418 654 2559 <a href="mailto:jasmin.raymond@inrs.ca">jasmin.raymond@inrs.ca</a></p>	2020	<p><i>Geotechnical Society of Edmonton</i> 2020 <b>Renato Macciotta Pulisci, P.Eng.</b> Faculty of Engineering University of Alberta 12-324, 9211-116 St. Edmonton, AB T6G 1H9 Tel: 780 492 3366 <a href="mailto:macciott@ualberta.ca">macciott@ualberta.ca</a></p>
<p><b>Section Directors</b> <b>Directeurs des sections</b></p>		<p><i>Saskatoon Geotechnical Group</i> 2019 <b>David Elwood, P.Eng.</b> College of Civil and Geological Engineering University of Saskatchewan Room 3B56, 57 Campus Dr. Saskatoon SK S7N 5A9 Tel: 306 966 3246 <a href="mailto:david.elwood@usask.ca">david.elwood@usask.ca</a></p>
<p><i>Vancouver Island Geotechnical Group</i> 2018 <b>Chris Weech, P.Eng.</b> Thurber Engineering Ltd. 100-4396 West Saanich Rd. Victoria BC V8Z 3E9 Tel: 250 727 2201 <a href="mailto:cweech@thurber.ca">cweech@thurber.ca</a></p>	2018	<p><i>Regina Geotechnical Group</i> 2019 <b>Jasyn Henry, P.Eng.</b> Water Security Agency 101 – 111 Fairford Street East Moose Jaw, SK S6H 7X9 Tel: 306 694 3978 <a href="mailto:Jasyn.Henry@wsask.ca">Jasyn.Henry@wsask.ca</a></p>
<p><i>Vancouver Geotechnical Society</i> 2019 <b>Andrea Lougheed, M.Sc.(Eng.), P.Eng.</b> BGC Engineering Inc. 500 - 980 Howe St Vancouver BC V6Z 0C8 Tel: 604 684 5900 <a href="mailto:alougheed@bgcengineering.ca">alougheed@bgcengineering.ca</a></p>	2019	

<i>Manitoba Section</i>	2019	<i>Section régionale Ouest-du-Québec</i>	2020
<b>Alena James, P.Eng.</b> Manitoba Infrastructure 2nd Floor, 280 Broadway Winnipeg MB R3C 0R8 Tel: 204 391 4265 <a href="mailto:alena.james@gov.mb.ca">alena.james@gov.mb.ca</a>		<b>Michael James</b> SNC-Lavalin 1140 Maisonneuve Boul, 2 <sup>nd</sup> Floor Montreal (Quebec) H3A 1M8 Tel: 514 393 8000 ext. 52151 <a href="mailto:michael.james@snclavalin.com">michael.james@snclavalin.com</a>	
<i>Thunder Bay Section</i>	2018	<i>Section régionale Est-du-Québec</i>	2018
<b>Wesley Saunders, P. Eng</b> GKM Consultants Inc. 351 Hartviksen Street Thunder Bay ON P7A 3M5 Tel: 807 629 8762 <a href="mailto:wsaunders@gkmconsultants.com">wsaunders@gkmconsultants.com</a>		<b>Ariane Locat, ing. jr</b> Dép. de génie civil et de génie des eaux Université Laval 1065 av. de la Médecine Québec QC G1V 0A6 Tél : 418 656 2992 <a href="mailto:ariane.locat@gci.ulaval.ca">ariane.locat@gci.ulaval.ca</a>	
<i>Sudbury Section</i>	2018	<i>New Brunswick Section</i>	2020
<b>André Bom, P. Eng.</b> Golder Associates Ltd. 33 Mackenzie Street, Suite 100, Sudbury ON P3C 4Y1 Tel: 705 524 6861 x2245 <a href="mailto:Andre_Bom@golder.com">Andre_Bom@golder.com</a>		<b>Christopher McQueen, P. Eng., PE</b> Stantec 115 Harrisville Boulevard Moncton NB E1H 3T3 Tel: 506 863 0122 <a href="mailto:Christopher.McQueen@stantec.com">Christopher.McQueen@stantec.com</a>	
<i>London Section</i>	2018	<i>Nova Scotia Section</i>	2019
<b>Andrew Stewart, EIT</b> Englobe (Formerly LVM, a division of EnGlobe Corp) 60 Meg Drive, Suite 12 London ON N6E 3T6 Tel : 519 685 6400 <a href="mailto:andrew.stewart@englobecorp.com">andrew.stewart@englobecorp.com</a>		<b>Sheri Burton, P.Eng.</b> Golder Associates Ltd. Suite 25-26, 201 Brownlow Avenue Dartmouth NS B3B 1W2 <a href="mailto:Sheri_Burton@golder.com">Sheri_Burton@golder.com</a>	
<i>Southern Ontario Section</i>	2020	<i>St. John's Section</i>	2019
<b>Billy Singh, P. Eng.</b> Terraprobe Inc. 11 Indell Lane, Brampton ON L6T 3Y3 Tel: 905 796 2650 (Ext. 122) <a href="mailto:bsingh@terraprobe.ca">bsingh@terraprobe.ca</a>		<b>Rajib Dey, Ph.D.</b> Stantec 141 Kelsey Drive St. John's NL A1B 0L2 Tel: 709 576 1458 <a href="mailto:Rajib.Dey@stantec.com">Rajib.Dey@stantec.com</a>	
<i>Kingston Section</i>	2018	<b>Ex Officio Members</b> <b>Membres d'office</b>	
<b>Dylan Hill, P.Eng.</b> Malroz Engineering Inc. 308 Wellington St Kingston, ON K7K <a href="mailto:hill@malroz.com">hill@malroz.com</a>		<i>President-Elect, Président-Elu</i>	2018
<i>Ottawa Geotechnical Group</i>	2018	<b>Mario Ruel, P.Eng.</b> 390 Geneva Crescent Mont-Royal, QC H3R 2A9 Tel: 514 943 1687 <a href="mailto:mruel1508@gmail.com">mruel1508@gmail.com</a>	
<b>Mohammad T. Rayhani, P.Eng.</b> Civil & Environmental Engineering Carleton University, Minto 2035 Ottawa ON K1S 5B6 Tel: 613 520 2600 X 8890 <a href="mailto:MohammadRayhani@cunet.carleton.ca">MohammadRayhani@cunet.carleton.ca</a>			



**Geotechnical Research Board** 2019  
**Président, Conseil de la recherche en géotechnique**  
**Bruno Bussiere, ing.**  
Université du Québec en Abitibi-Témiscamingue  
445 boul. de l'Université  
Rouyn-Noranda QC J9X 5E4  
Tél : 819 762 0971 ext. 2531  
[Bruno.Bussiere@uqat.ca](mailto:Bruno.Bussiere@uqat.ca)

**Editor Canadian Geotechnical Journal**  
**Le directeur de la rédaction de la Revue canadienne de géotechnique**  
**Craig Lake, P.Eng.**  
Dept. of Civil Engineering  
Dalhousie University  
1360 Barrington St  
Halifax NS B3J 1Z1  
Tel: 902 494 3220  
[craig.lake@dal.ca](mailto:craig.lake@dal.ca)

**Editor, CGS News in Geotechnical News** 2019  
**Le directeur de la rédaction des Nouvelles de la SCG dans Geotechnical News**  
**Donald Lewycky, P.Eng.**  
City of Edmonton  
14603 - 86 Street NW  
Edmonton AB T5E 3C6  
Tel: 780 478 4156  
[don.lewycky@gmail.com](mailto:don.lewycky@gmail.com)

**Representative of CSCE on CGS Board** June 2018  
**Représentant de la SCGC sur le Conseil de la SCG**  
**Susan Tighe, P.Eng.**  
[president@csce.ca](mailto:president@csce.ca)

**END OF DIRECTORS LIST**  
**FIN DE LA LISTE DES ADMINISTRATEURS**

**CHAIRS OF TECHNICAL COMMITTEES**  
**PRÉSIDENTS COMITÉS TECHNIQUES**

**Education Committee** 2019  
**Comité sur l'éducation**  
**Tareq Salloum, P.Eng.**  
ONTARIO POWER GENERATION Inc.  
ND1, 14000 Niagara Parkway, RR # 1  
Tel: 905 870 2240  
[tareq.salloum@gmail.com](mailto:tareq.salloum@gmail.com)

**Geohazards Committee** 2019  
**Comité sur les géorisques**  
**Dave Gauthier, P.Eng.**  
BGC Engineering Inc.  
523 Frontenac St  
Kingston ON K7K 4L9  
Tel: 613 893 4920  
[DGauthier@bgcengineering.ca](mailto:DGauthier@bgcengineering.ca)

**Heritage Committee** 2019  
**Comité sur le patrimoine**  
**Heinrich K. Heinz, P.Eng.**  
Thurber Engineering Ltd.  
180, 7330 Fisher Street SE  
Calgary AB T2H 2H8  
Tel: 403 253 9217  
[HHeinz@thurber.ca](mailto:HHeinz@thurber.ca)

**Mining Geotechnique Committee** 2018  
**Comité technique sur la géotechnique minière**  
**Paul Simms, P.Eng.**  
Dept. of Civil and Environmental Engineering  
Carleton University  
1125 Colonel By Dr  
Ottawa ON K1S 5B6  
Tel: 613 520 2600 Ext 2079  
[paul\\_simms@carleton.ca](mailto:paul_simms@carleton.ca)

**Professional Practice Committee** 2019  
**Comité sur la pratique professionnelle**  
**James Blatz, P. Eng.**  
University of Manitoba  
Department of Civil Engineering  
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Winnipeg MB R3T 5V6  
Tel: 204-474-9816  
[James.Blatz@ad.umanitoba.ca](mailto:James.Blatz@ad.umanitoba.ca)

**Sustainable Geotechnics Committee** 2018  
**Comité sur la géotechnique durable**  
**Tim Newson, P.Eng.**  
Dept. of Civil Engineering  
University of Western Ontario  
Lampton Dr  
London ON N6A 5B9  
Tel: 519 661 3344  
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**Transportation Geotechnique Committee** 2020  
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**President Annual Report – Dharma Wijewickreme, President 2017-2018**  
**July 1, 2017 to June 30, 2018**

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It is with pleasure I am writing this CGS President's Annual Report (covering the period from July 01, 2017 to June 30, 2018) to be presented at the Canadian Geotechnical Society (CGS) Executive Committee (EC) Meeting and Annual Board Meeting. (Note: In a few instances, more recent information is also added here).

The Society is marching forward well with firm membership strength and good health. A concise overview of the CGS activities completed within the year beginning July 01, 2017 is given below. The content presented here is not exhaustive; additional details can be found in the reports from the three Vice-Presidents and in the CGS Annual Report. Our current focus areas include: member engagement and involvement (particularly with young professionals), new approaches for general communications/dissemination of technical matter and related topics, enhancement of member experience, and promotion of relationships with Local Sections.

#### **Technical:**

- The Cross Canada Lecture Tour: **Jean-Marie Konrad** (Laval University) delivered the Fall 2017 CCLT while celebrating the CGS milestone of 100<sup>th</sup> CCLT; this was followed by the Spring 2018 speaker - **Tom O' Rourke** (Cornell University, Ithaca, NY). Both Tours were a big success with our members who attended the presentations in large numbers. The next CCLTs will be: Fall 2018 - **Alex Sy** (Klohn Crippen Berger); Spring 2019 - **Charles Shackelford** (Colorado State University).
- The final Errata for the 4<sup>th</sup> Edition of the Canadian Foundation Engineering Manual (CFEM) has been updated; it is available on the CGS web site, and printed copies will be included with new purchases. Thanks are due to **Ken Skaffeld** for editing and finalizing the Errata.
- The new online CFEM: Main goal this year is to address the technical content of the CFEM. The publication and distribution method will be addressed in 2019 (with the next Executive Committee). Work is underway on the Limit States Design chapter and the Seismic Design chapter. Once complete, these chapters will be released as an update/addition to 4<sup>th</sup> Edition, while work continues on the other chapters. The existing 4<sup>th</sup> Edition updated with new chapters as they become available will serve as the main platform for the foreseeable future. A job description and Expression of Interest (EOI) are being developed seeking a project coordinator to lead the production of the next edition.
- Geotechnical Research Board (GRB): A half-day workshop, "Research in the geotechnical and geoscience fields: tools and tips to improve the sector's performance", was organized and presented by the GRB at GeoOttawa 2017.

#### **Financial:**

- Overall, the CGS is in a healthy financial position despite the budgeted deficit that was approved last year.
- 2017 Financial report for January 1 to December 31: the projected deficit is about \$41K compared to the budgeted deficit of \$53K.
- As of July 31, 2018, budgeted items are generally tracking as expected although membership and corporate sponsorship revenues are tracking slightly lower than anticipated.
- The 2017 CGS membership was 1426 (1460 in 2016, 1388 in 2015).
- A Financial Advisory Task Force examined ways to best invest the CGS' funds amounting in the order of \$800K (while keeping in line with the government financial/tax regulations) has finalized their recommendations, and they will be included in the new Administration Manual after necessary approvals.

## Communications & Member Services:

- The task force (TF) to develop a solid Communication Strategy for the Society is moving forward with many action items. The communication topics addressed range from the content/format for the CGS electronic newsletter, the technical magazine Geotechnical News, website, and social media portals. Report 1 from the Task Force on the planning and moving forward steps towards a new printed/online magazine from CGS will be presented to the EC and to the Board in September
- CGS Geotechnical Info Net (CGS-GIN) is now renamed CGS E-news. Starting January 2019, **Nicholas Beier** will take over from **Don Lewycky** as the CGS News Editor (starting with the March 2019 issue). Special thanks are due to Don for his many years of extensive time and effort serving as the CGS News Editor.
- A new Membership Committee has been formed with **Sumi Siddiqua** serving as the Chair.
- A personalized **myCGS** dashboard was introduced to the CGS website along with newly updated user-friendly navigation panes.

## Sections, Committees, and Young Professionals:

- Chairs of the Committees and Geotechnical Research Board are now recognized voting members of the BOD.
- Committees, Divisions, and Sections have made a commitment to submit articles to the Geotechnical News.
- The Heritage Committee has been working with GeoStrata (in the USA) to publish profiles of geotechnical “legends”. The Committee also promotes initiatives to recognize pioneers of geotechnique at the annual CGS Conference (i.e., presentations on major geotechnical projects in 2017, and leading women in 2018).
- Award for Young Professional Achievement and Service: The draft terms of reference for this new CGS Award will be finalized by the EC and a vote will be taken at the Sept 2018 Board meeting.
- **Greg Siemens** and **Jasmin Raymond** successfully completed their Colloquium Lecture Series. The 2018 Colloquium award winner selected by a committee led by the GRB Chair is **Matt Lato**.

## Conferences and Canadian Geotechnical Journal:

- The 70<sup>th</sup> CGS Annual Conference (GeoOttawa 2017) was held last year from October 1<sup>st</sup> to the 4<sup>th</sup>. It was a highly successful event with more than 900 delegates in attendance, 75 booths at the trade show and over 20 sponsors. The conference included keynote lectures, such as the RM Hardy Lecture by **Richard Bathurst**; the Colloquium by **Michael Hendry**; and the Graduate Student Presentation by **Zhong Han**. The program also comprised a number of parallel technical sessions, workshops, social event, awards. Sincere thanks to the Local Organizing Committee (LOC) led by **Mamadou Fall** and the Technical Committee chaired by **Paul Simms**. Considering the coincidence of this particular year with the 150<sup>th</sup> Anniversary of the Canadian Confederation, 29 posters highlighted past Canadian Geotechnical Achievements (organized by Past President **Doug VanDine** and the Heritage Committee) as another key highlight of the conference.
- Planning is well underway for the 71<sup>st</sup> CGS Annual Conference (GeoEdmonton 2018, co-Chairs **Don Lewycky** and **Seán MacEoin**); The next CGS Annual Conferences will be held in St John’s NL (2019) and Calgary AB (2020).
- The Geohazards 7 Conference was held in Canmore, Alberta, between June 3<sup>rd</sup> and 6<sup>th</sup>, and it was well attended and a great success (Co-Chairs: **Michael Porter** and **Valérie Fréchette**).
- CGS members presented 18 papers at the 19<sup>th</sup> ICSMGE, Seoul in 2017.
- The CGS and the Canadian Foundation for Geotechnique co-sponsored two young CGS members, **Andrea Loughheed** and **Jeffrey Oke**, to attend the 6<sup>th</sup> International Young Geotechnical Engineers Conference in Seoul, Korea, September 2017.
- Canadian Geotechnical Journal – many CGS members are involved in the roles of Editors Associate Editors and Reviewers. **Ian Moore** handed over the Editorship of the CGJ to **Craig Lake** (and **Daichao Sheng**) as of May 2018 after a very successful 11-year tenure at this position. Ian will continue to contribute to the journal as a Consulting Editor. Special thanks are due to him for his major time and effort contributions.

## Awards:

- **Doug Stead** became the recipient of the most prestigious award of the CGS, the Legget Medal in 2017.
- Engineering Institute of Canada (EIC) Awards: **Delwyn Fredlund** and **Catherine Mulligan** were awarded prestigious EIC Medals; **Kevin Biggar, Richard Brachman, Michel Julien, Robert Kenyon, and Dharma Wijewickreme** were inducted as Fellows of the EIC.
- **Kerry Rowe** (CGS Past President) was awarded with the Order of Canada
- Awards sponsored by CGS Divisions: (i) Robert N. Farvolden Award: **Mike Wei**; (ii) Schuster Medal: **Abdul Shakoor**; (iii) G. Geoffrey Meyerhof Award: **Arvid Landva**; (iv) Thomas Roy Award: **Erik Eberhardt**; (v) John Franklin Award: **Ming Cai**
- CGS Stermac Awards were given to **Andrea Lougheed, Mustapha Zergoun, and Alex Baumgard.**
- All CGS members are encouraged to promote the CGS Awards and solicit nominations from colleagues (including those from the EIC).

## Affiliate Organizations:

- The CGS is maintaining very good relationships with its affiliates, including the Engineering Institute of Canada, the Canadian Society for Civil Engineers and the Canadian Foundation for Geotechnique.
- Sincere thanks to the following individuals for their roles and contributions: **Catherine Mulligan** for serving as the CGS Representative with the Canadian Society for Civil Engineers (CSCE); **Baolin Wang** for attending as the CGS Representative of the conference planning committee of the Engineering Institute of Canada (EIC);
- **Bruno Bussi re** (Chair of the GRB) and **Lisa McJunkin** (Director, Communications and Member Services) produced the CGS's annual report for the National Research Council (NRC); this important report is part of the agreement to receive an annual grant from NRC.
- **Tim Newson** assumed the position of Vice President North America for the International Society of Soil Mechanics and Geotechnical Engineering for 2017-2021
- **Doug Stead** maintained his position as the Vice President North America (2015-2019) for the International Society for Rock Mechanics (ISRM).
- **Jean Hutchinson** was nominated to become the next Vice President North America for the International Association for Engineering Geology and the Environment (IAEG); she is expected to be confirmed in this position at their Congress in San Francisco (in September).

## Administrative:

- **Mario Ruel** is the CGS President-elect for 2018; in turn, he will become the President of the Society for the period 2019-2020. His administration team with three Vice Presidents will be announced during the 71<sup>st</sup> CGS Annual Conference to be held in Edmonton in September 2018.
- **The Executive Committee** held three teleconference meetings and one face-to-face mid-year meeting (in Montreal) during the year. In addition, the Executive Committee held a face-to-face meeting, during GeoOttawa 2017, ahead of the Board of Directors annual meeting, and the CGS Annual Business Meeting.
- The CGS Conference Manual has been updated and is available on the CGS web site.

## Acknowledgements:

The CGS' strength is due to the extensive volunteering by our members serving as Section Directors, Division Chairs, Committee Chairs and Chair of the Geotechnical Research Board, with their respective executives and participating members. I must take the opportunity to extend my sincere thanks to all BOD members, and for the tremendous, unwavering contributions and commitments by the following individuals:

- the members of the Executive Committee: VP Technical - **Suzanne Powell**; VP Finance - **Kent Bannister**; VP Communications and Member Services - **Jean Côté**; Technical Division Representatives - **Richard Brachman** (2016-2017) and **Nicholas Vlachopoulos** (2018); Section Representatives - **Seán MacEoin** (2016-2017) & **Andrea Lougheed** (2018-2019); and Young Professionals Representatives - **Ariane Locat** (2016-2017) & **Maraika DeGroot** (2018-2019).
- The National Office Team: **Michel Aubertin** (Executive Director), **Wayne Gibson** (Director, Administration and Finance), **Lisa McJunkin** (Director, Communications and Member Services), and **Emily Fournier** (Communications Coordinator) for their respective roles with the CGS National Office.
- All other CGS volunteers involved in the Board, Sections, Divisions, Committees, and external representations.
- I must also take the opportunity to thank our CGS Corporate Sponsors: **Advanced Construction Techniques**; **Dyregrov Robinson**; **DownUnder Geotechnical**; **Geo-Slope International**; **GKM Consultants**; **Golder Associates**; **Insitu Contractors**; **Klohn Crippen Berger**; **Knight Piésold Consulting**; **Mobile Augers and Research**; **Naviq Consulting**; **Reinforced Earth**; **Rocscience**; **Stantec**; **Thurber Engineering**; **Trek Geotechnical**; and **SoilVision Systems**.

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**Rapport annuel du président – Dharma Wijewickreme**  
**Activités du 1<sup>er</sup> juillet 2016 au 30 juin 2017**

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La Société progresse grâce à la force de ses effectifs et à sa bonne santé. Les domaines sur lesquels nous nous concentrons actuellement comprennent l'engagement et la participation des membres (particulièrement des jeunes professionnels), les nouvelles approches pour la communication/diffusion générale de informations techniques et de sujets connexes, l'amélioration de l'expérience des membres et la promotion des relations avec les sections locales.

### Les éléments techniques

- L'erratum de la 4<sup>e</sup> édition de la version anglaise du *Manuel canadien d'ingénierie des fondations (MCIF)* a été actualisé; il est affiché sur le site Web de la SCG et sera compris en version imprimée avec les nouveaux achats. Des remerciements à **Ken Skaffeld** pour la mise en forme et la finalisation de l'erratum sont de mise.
- Nouveau *MCIF* en ligne : L'objectif principal cette année a été d'en établir le contenu technique. La méthode de publication et de distribution sera abordée en 2019. On travaille actuellement sur les chapitres Calcul aux états limites et Conception parasismique. Lorsqu'ils seront terminés, ces chapitres seront présentés sous forme de mise à jour (addenda) de la 4<sup>e</sup> édition, tandis que le travail se poursuit sur les autres chapitres. La 4<sup>e</sup> édition actuelle, actualisée avec de nouveaux chapitres au fur et à mesure qu'ils deviendront disponibles, servira de plate-forme principale pour l'avenir prévisible. Une description de poste et une déclaration d'intérêt sont en cours d'élaboration pour identifier un coordonnateur de projet afin de diriger la production de la prochaine édition.
- Tournée de conférences transcanadienne (TCT) : **Jean-Marie Konrad** (Université Laval) a offert la TCT de l'automne 2017 tout en célébrant la 100<sup>e</sup> TCT de la SCG; celle-ci a été suivie du conférencier du printemps 2018, **Tom O' Rourke** (Université Cornell). Les prochains conférenciers de la TCT seront : automne 2018 – **Alex Sy** (Klohn Crippen Berger); printemps 2019 – **Charles Shackelford** (Université de l'État du Colorado).

### Les finances

- Dans l'ensemble, la situation financière de la SCG est saine malgré le déficit prévu au budget qui a été approuvé l'année dernière. Au cours de l'exercice 2017, le déficit final a été de 41 000 \$, comparativement au déficit prévu au budget de 53 000 \$.
- Au 31 juillet 2018, les postes budgétaires se situent généralement aux niveaux anticipés, bien que les revenus d'adhésion soient moins élevés que prévu.
- Au 31 décembre 2017, la SCG comptait 1 426 membres (1 460 en 2016 et 1 388 en 2015).

- Un groupe de travail consultatif sur les finances a examiné les meilleurs moyens d'investir les fonds de la SCG, qui sont de l'ordre de 800 000 \$ (tout en respectant la réglementation financière et fiscale du gouvernement) et a finalisé ses recommandations. Ces recommandations seront comprises dans le *Manuel administratif de la SCG* après avoir obtenu les approbations nécessaires.

### Les communications et les services aux membres

- Un groupe de travail chargé d'élaborer une stratégie de communication pour la Société va de l'avant avec de nombreuses mesures. Les sujets abordés relativement aux communications comprennent le contenu/format du bulletin électronique de la SCG, le magazine technique *Geotechnical News*, le site Web et les portails de médias sociaux. Le premier rapport sur la planification et la production d'un nouveau magazine imprimé/en ligne de la SCG sera présenté au Comité exécutif (CE) et au Conseil de direction (CD) en septembre.
- Le Réseau d'information géotechnique de la SCG (RIG SCG) s'appelle maintenant l'E-info de la SCG. À compter de janvier 2019, **Nicholas Beier** remplacera **Don Lewycky** à titre de rédacteur de la rubrique *CGS News*. Je tiens à remercier tout particulièrement M. Lewycky pour le temps et les efforts considérables qu'il a consacrés pendant de nombreuses années comme rédacteur de *CGS News*.
- Un nouveau Comité des membres a été formé, et **Sumi Siddiqua** agit à titre de directrice de celui-ci.
- Un tableau de bord personnalisé appelé **MaSCG** a été intégré au site Web de la SCG, ainsi que des volets de navigation conviviaux actualisés.

### Les sections, les comités et les jeunes professionnels

- Les directeurs des comités et le président du Conseil de recherche en géotechnique (CRG) sont maintenant des membres votants du CD.
- Les comités, les divisions et les sections se sont engagés à soumettre des articles pour *Geotechnical News*.
- Le Comité sur le patrimoine travaille avec *GeoStrata* (aux USA) pour publier des profils de « légendes » géotechniques. Il a présenté des initiatives pour reconnaître des pionniers de la géotechnique à la conférence annuelle de la SCG.
- Prix d'excellence et de service rendu pour jeune professionnel : le CE finalisera la description de ce nouveau prix de la SCG et un vote à son sujet aura lieu à la réunion du CD de septembre 2018.

### Les conférences et la *Revue canadienne de géotechnique*

- La 70<sup>e</sup> conférence annuelle de la SCG, GéoOttawa 2017, a été très réussie avec plus de 900 participants, 75 kiosques au salon professionnel et plus de 20 commanditaires. Elle a été le théâtre de différentes conférences d'honneur, y compris la conférence R.M. Hardy de **Richard Bathurst**, le Colloquium de **Michael Hendry** et la présentation du lauréat du Prix de l'étudiant gradué, **Zhong Han**. Un autre moment fort a été la présentation de 29 affiches soulignant des réalisations géotechniques canadiennes marquantes (organisée par l'ancien président **Doug VanDine** et le Comité sur le patrimoine). J'aimerais exprimer mes sincères remerciements au Comité organisateur local dirigé par **Mamadou Fall** et au Comité technique mené par **Paul Simms**.
- La planification de la 71<sup>e</sup> conférence annuelle de la SCG (GéoEdmonton 2018, coprésidée par **Don Lewycky** et **Seán MacEoin**) va bon train. Les prochaines conférences annuelles de la SCG auront lieu à St John's, à Terre-Neuve-et-Labrador (en 2019) et à Calgary, en Alberta (en 2020).
- La conférence Géorisques 7 s'est tenue à Canmore, en Alberta, du 3 au 6 juin 2018. Je félicite les coprésidents **Michael Porter** et **Valérie Fréchette** pour un événement fort réussi qui a connu une participation record.
- Les membres de la SCG ont présenté 18 articles de conférence à la 19<sup>th</sup> ICSMGE, à Séoul, en 2017. La SCG et la Fondation canadienne de géotechnique (FCG) ont parrainé deux jeunes membres de la SCG, **Andrea Lougheed** et

**Jeffrey Oke**, pour qu'ils assistent à la 6<sup>th</sup> International Young Geotechnical Engineers Conference, à Séoul, en Corée.

- *Revue canadienne de géotechnique (RCG)* : **Ian Moore** a passé le flambeau de la rédaction de la RCG à **Craig Lake** (et à **Daichao Sheng**) en mai 2018, après avoir occupé ce poste avec succès pendant 11 ans. M. Moore continuera à contribuer à la *Revue* à titre de consultant à la rédaction. Je le remercie tout spécialement pour le temps et les efforts considérables qu'il a consacrés à ce travail.

## Les prix

- En 2017, on a décerné la plus haute distinction de la SCG, la Médaille R.F. Legget, à **Doug Stead**.
- L'Institut canadien des ingénieurs (ICI) : **Delwyn Fredlund** et **Catherine Mulligan** ont reçu de prestigieuses médailles de l'ICI; **Kevin Biggar**, **Richard Brachman**, **Michel Julien**, **Robert Kenyon** et **Dharma Wijewickreme** ont été nommés Fellow de l'ICI.
- **Kerry Rowe** (ancien président de la SCG) a été nommé Officier de l'Ordre du Canada.
- Les prix des divisions de la SCG : Prix Robert N. Farvolden – **Mike Wei**; Médaille Schuster – **Abdul Shakoor**; Prix G. Geoffrey Meyerhof – **Arvid Landva**; Prix Thomas Roy – **Erik Eberhardt**; Prix John Franklin – **Ming Cai**.
- Des Prix Stermac de la SCG ont été remis à **Andrea Lougheed**, **Mustapha Zergoun** et **Alex Baumgard**.

## Les organisations affiliées

- La SCG entretient de très bonnes relations avec diverses organisations affiliées, y compris l'ICI, la Société canadienne de génie civil (SCGC) et la FCG. Je remercie sincèrement **Catherine Mulligan** d'agir à titre de représentante de la SCG auprès de la SCGC ainsi que **Baolin Wang** de siéger à titre de représentant de la SCG au Comité de la planification des conférences de l'ICI.
- **Bruno Bussière** (président du CCRG) et **Lisa McJunkin** (directrice, Communications et services aux membres) ont produit le rapport annuel de la SCG pour le Conseil national de recherche (CNR); cet important rapport fait partie de l'entente pour recevoir une subvention annuelle du CNRC.
- **Tim Newson** est entré en fonction à titre de vice-président pour l'Amérique du Nord de la Société internationale de mécanique des sols et de la géotechnique pour 2017-2021.
- **Doug Stead** a conservé son poste de vice-président pour l'Amérique du Nord (2015-2019) de l'International Society for Rock Mechanics.
- **Jean Hutchinson** a été mise en candidature pour devenir la prochaine vice-présidente pour l'Amérique du Nord de l'Association Internationale pour la Géologie de l'Ingénieur et l'Environnement ; sa nomination à ce poste devrait être confirmée lors du congrès à San Francisco (en septembre 2018).

## Les affaires administratives

- **Mario Ruel** est le président désigné pour 2018 et deviendra le président de la Société pour la période 2019-2020.
- Le *Manuel des conférences de la SCG* a été actualisé et est disponible sur le site Web de la SCG.

## Remerciements

La force de la SCG réside dans les nombreuses contributions bénévoles de ses membres agissant à titre de directeurs de section, de division et de comité, ainsi que de président du CRG, en plus de celles des membres de ces organisations et de leur Comité exécutif. J'aimerais profiter de l'occasion pour remercier sincèrement tous les bénévoles de la SCG, et en particulier les personnes suivantes pour leur contribution et leur engagement exceptionnels :



- Les membres du Comité exécutif : v.-p. technique – **Suzanne Powell**; v.-p. aux finances – **Kent Bannister**; v.-p. aux communications et services aux membres – **Jean Côté**; représentants des divisions – **Richard Brachman** (2016-2017) et **Nicholas Vlachopoulos** (2018); représentants des sections – **Seán MacEoin** (2016-2017) et **Andrea Lougheed** (2018-2019); et représentants des jeunes professionnels – **Ariane Locat** (2016-2017) et **Maraika DeGroot** (2018-2019).
- L'équipe du Bureau national : **Michel Aubertin** (directeur général), **Wayne Gibson** (directeur, Administration et finances), **Lisa McJunkin** (directrice, Communications et services aux membres) et **Emily Fournier** (coordonnatrice des communications).
- Tous les autres bénévoles de la SCG qui travaillent au sein du Conseil de direction, des sections, des divisions ainsi que des comités et qui la représentent à l'externe.
- Je dois également profiter de l'occasion pour remercier les commanditaires de la SCG : **Advanced Construction Techniques**; **Dyregrov Robinson**; **DownUnder Geotechnical**; **Geo-Slope International**; **GKM Consultants**; **Golder Associates**; **Insitu Contractors**; **Klohn Crippen Berger**; **Knight Piésold Consulting**; **Mobile Augers and Research**; **Navig Consulting**; **Reinforced Earth**; **Rocscience**; **Stantec**; **Thurber Engineering**; **Trek Geotechnical**; et **SoilVision Systems**.

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***Vice-President Technical Annual Report – J. Suzanne Powell  
July 1, 2017 to June 30, 2018***

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### **CGS Sponsored, Co-Sponsored and Supported Conferences**

- The 70<sup>th</sup> Annual Canadian Geotechnical Conference (CGC), GeoOttawa 2017 was held October 1-4, 2017. The conference was very well attended with over 900 delegates in attendance and 75 exhibitors. Keynote speakers included: Dr. Richard Bathurst (R. M. Hardy Lecture,) and Dr. Michael Hendry (CGS colloquium). Congratulations to the Local Organizing Committee for hosting a very successful conference.
- Plans are well underway for the 71<sup>st</sup> Annual Canadian Geotechnical Conference and the 13<sup>th</sup> Joint CGS/IAH-CNC Groundwater Conference (GeoEdmonton 2018) to be held from September 23-26, 2018 at the Shaw Centre. Keynote speakers are confirmed: Dr. Derek Martin (R.M. Hardy Lecture), Dr. Masaki Hayashi (Darcy Lecture) and Dr. Matt Lato (CGS Colloquium).
- Geo St John's 2019 has confirmed the St. John's Convention Centre as the conference venue. The conference will be held from September 29<sup>th</sup> to October 2<sup>nd</sup>, 2019. The Gibson Group has also been selected as the conference manager.
- Geo Calgary 2020 has formed their Local Organizing Committee. An MOU between CGS National and the LOC is being drafted.
- The 6<sup>th</sup> cYGE GC will be held in St. John's from September 26<sup>th</sup> to 28<sup>th</sup>, 2019 prior to the CGS Annual conference on September 29<sup>th</sup>, 2018. A MOU between CGS National and the LOC was signed in June 2018.
- GeoHazards 7 was held in Canmore, AB from June 3-6, 2018 at the Coast Canmore Hotel & Conference Centre in Canmore, Alberta. The conference was very well attended with over 200 delegates, 12 Exhibitors and 9 sponsors. Congratulations to the organizing committee for a very successful conferee.
- The 19<sup>th</sup> International Conference in Soil Mechanics and Geotechnical Engineering was held in Seoul, Korea from September 17-22, 2017. CGS provided 18 papers to the technical program on behalf of our Canadian members.
- The iYGE C6 Seoul Korea was held prior to the 19<sup>th</sup> ICSMGE from September 16-17, 2017. The two CGS representatives selected to attend the conference were Andrea Lougheed (BGC) and Jeffrey Oke (Mine Design Engineering).

## **Cross Canada Lecture Tour (CCLT)**

The CCLT continues to be a very successful program with the tour stops being highly sought after by the local sections. The CCLT has become internationally known and respected. The Spring 2017 CCLT speaker was Vaughan Griffiths, from the Colorado School of Mines. Vaughan visited 11 sections during his CCLT from April 9 to 21, 2017. The Fall 2018 CCLT (100<sup>th</sup> CCLT) was Jean Marie Konrad from the University of Laval. Jean Marie visited 12 sections during his tour which spanned over 4 weeks due to scheduling conflicts. The Spring 2018 was Tom O' Rourke from Cornell University. Tom visited 10 sections in nine days. The Fall 2018 speaker will be Alex Sy from Klohn Crippen Berger in Vancouver, BC. The Spring 2019 speaker will be Charles Shackelford (Colorado State). The Fall 2019 speaker will be Ian Moore (Queen's University). The travel for these tours is funded by the Canadian Foundation for Geotechnique and the generous support of the industry. The CGS wishes to thank everyone involved in planning, sponsoring and hosting of these talks every spring and fall.

## **Canadian Geotechnical Research Board (GRB)**

The GRB chaired by Bruno Bussiere continues to promote research within the geotechnical community. The CGS Colloquium speaker for the 2017 Colloquium speaker was Michael Hendry. The 2018 Colloquium speaker presenting at GeoEdmonton will be Matt Lato. The 2019 Colloquium speaker will be selected by the GRB and will be announced at GeoEdmonton 2018. The GRB is planning a half-day Workshop (or a webinar) on the infrastructure grants offered by the Canadian Foundation for Innovation.

## **Canadian Foundation Engineering Manual (CFEM)**

The Errata for 4th Edition of the Canadian Foundation Engineering Manual (CFEM) has been updated and is now available on the CGS website. Members are encouraged to visit the CGS website and download the most recent version of the Errata. Thank you to Ken Skaffeld (Trek Geotechnical) for his throughout review and updating of the Errata.

Work continues developing a new online version of the CFEM with an estimated timeframe for completion of the entire project of approximately 2 years. In the meantime, the existing 4th Edition with the updated Errata is available for purchase from Bi-Tech. An update to the Limit States Design Chapter (and possible others) is underway with the intent of releasing the updated chapters in digital form as an addendum to the Current 4th Edition while work continues on the remaining chapters. Timeframe for release of this chapter is early 2019.

Following a meeting the CFEM technical advisory committee at GeoOttawa it was agreed that an editor/project manager is required for the project. Having been unsuccessful in filling this position to date, the CGS is working toward issuing a formal call for a Project Manager to oversee the technical content of the CFEM update. This person's primary responsibility will be to oversee the completion schedule for the new manual and liaise with chapter leads and reviews to ensure timely content delivery.

## **Canadian Geotechnical Journal (CGJ)**

The CGJ continues to excel with, a total of 774 manuscripts being received in 2017 (706 were received in 2016), with 209 published. The acceptance rate in 2017 was 27% based on the numbers published. Thomson Reuters' impact factor increased from 2.138 to 2.565. Thank you to the Editors, the Associate Editors and the Paper Reviewers for an outstanding job. The CGJ continues to be an excellent resource for our members.

Recent effort has been made by the EC to strengthen and formalize the relationship between the CGS and the CGJ. Following a successful meeting at GeoOttawa between members of the EC and the CGJ Editors and Publisher. A MOU is being drafted to between the CGJ and the CGS formalize the relationship between the two organizations. Effort is also

being put toward improving the link between the two organizations, and to increase the CGS contribution to the Journal for the benefit of members.

This past year also saw Ian Moore stepping down as Editor after 11 years. During his time as editor, Ian has overseen significant growth of the journal and has been responsible for many positive initiatives. The CGS would like to congratulate Ian on these achievements and thank him for the thousands of hours he provided to the CGJ during this time. Ian will continue to contribute to the journal as a Consulting Editor.

## **CGS Committees**

There are currently eight committees.

- The Education Committee chaired by Tareq Salloum continues to do an excellent job running the CGS Undergraduate and Graduate Student Competitions and administering the Michael Bozozuk Canadian Foundation for Geotechnique National Graduate Scholarship. Our appreciation is extended to the members of the selection committees for these programs. The committee is currently looking at a developing the Canadian Foundation for Geotechnique Graduate Student Award at Master's Level. The terms of reference and scoring criteria have been developed by the members of education committee and it is under review by CFG. The Education Committee continues to support GeoJeopardy and social events for the young geotechnical professionals during the annual CGS Conferences.
- The Heritage Committee chaired by Heinrich Heinz continues to be quite active and are continually adding to the archives webpage. Over this last year the committee has focused on the "History of Canadian Women in Geotechnique" through which interviews with 12 of the "early women" have been conducted. Posters were prepared and are to be presented at GeoEdmonton. The committee continues to work with various CGS members on preparing memoirs for deceased professionals and adding them to the Lives Lived pages. Future efforts will be focused on developing the "Interviews with Canadian Legends" series. This series will be modelled after the GeoStrata GeoLegends series, where distinguished academics or practitioners are interviewed by young graduate students or practitioners, who then prepare an article suitable for uploading to the virtual archives, and possible publication in Geotechnical News.
- The Geohazards Committee is chaired by Dave Gauthier. Geohazard Committee has been very busy this past year. The committee supported and assisted in organizing the GeoHazards 7 Conference in June 201 in Canmore, AB and supported a proposal for GeoHazards 8 in 2022. The committee supported the nomination and selection process for the Schuster Medal through an ad hoc subcommittee. The committee is supporting and looking to drive the publication of the Canadian Technical Landslide Guidelines as a stand-alone, single document
- The Mining Geotechnique Committee chaired by Thomas Pabst and previously by Paul Simms played a very strong role in supporting the GeoOttawa conference that included 8 sessions. This year saw a transition from Paul to Thomas in the chair position. Support was offered to assist the LOC in GeoEdmonton conference however no involvement has been solicited at this time. Future initiatives to be undertaken include: hosting a student / practitioner network event at CGS conferences, increasing interaction with local sections that have a strong interest in Mining Geotechnics and organizing special technical sessions at upcoming CGS conferences.
- The Professional Practice Committee chaired by James Blatz organized a very successful specialty session at GeoOttawa. Approximately 65 attendants experienced a mock courtroom created by three lawyers as guest speakers where a case was presented including an expert witness for the participants to review and watch as the case unfolded throughout the session. The committee prepared an article on the GeoOttawa specialty session that was published in the June 2018 edition of the Geotechnical News. This year the PPC is supporting a specialty

session at GeoEdmonton on Women in Engineering that is being organized by Dr. Kristen Tappendam. Kristen has set up a panel of 6 outstanding professionals to discuss how all professionals can support increasing diversity in the workplace.

- The Sustainable Geotechnique Committee is chaired by Tim Newson continues to liaise with equivalent committees for International Society and ASCE, and local societies. The committee held one executive meeting during this time period. This committee is seeking a new chair to assist with reinvigorating the committee and attracting more members.
- The Transportation Geotechnique Committee, chaired by Serge Bourque is currently working on a MOU with the Transportation Association of Canada (TC members to submit geotechnical topics of national interest that TAC could bring forward as standards, guidelines or specifications document) as well as a MOU with the TRB. Several members of the Transportation Geotechnique Group reviewed technical papers to fill five (5) sessions at GeoOttawa. The committee is actively involved in the organization of technical sessions and paper review at the GeoEdmonton conference. The committee also initiated planning of Webinar for trenchless technology under transportation corridors
- The newly formed Membership Committee chaired by Sumi Siddiqua held their first committee meeting in March 2018 followed by subsequent meetings in May and June. These meets resulted in the preparation of a website description & membership benefit document. Future efforts will be geared toward developing a membership survey for distribution.

## **CGS Divisions**

The 7 Divisions continue to be involved in planning sessions and reviewing technical papers for the annual CGS Conferences. Other important work by the Divisions include the selection and presentation of their respective Division awards at the annual CGS Conference. Some of the Divisions have struggled in recent years to be active and create new initiatives. Increase collaboration and communications between the Divisions and Committees is seen as an area for improvement and focus in the coming year.

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### ***Rapport annuel de la vice-présidente technique – J. Suzanne Powell Activités du 1<sup>er</sup> juillet 2017 au 30 juin 2018***

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## **Les conférences commanditées, co-commanditées et appuyées par la SCG**

La 70<sup>e</sup> conférence canadienne de géotechnique annuelle, GéoOttawa 2017, s'est déroulée du 1<sup>er</sup> au 4 octobre 2017. La conférence a été très populaire; on a pu y compter plus de 900 délégués et 75 exposants. La planification de la 71<sup>e</sup> conférence canadienne de géotechnique annuelle et de la 13<sup>e</sup> conférence conjointe SCG/AIH-SNC sur les eaux souterraines (GéoEdmonton 2018), qui aura lieu du 23 au 26 septembre 2018 au Centre Shaw, va bon train. Géorisques 7 s'est déroulée du 3 au 6 juin 2018 au Coast Canmore Hotel & Conference Centre, à Canmore, en Alberta. La conférence a enregistré une grande participation, rassemblant plus de 200 délégués, 12 exposants et neuf commanditaires. La 19<sup>th</sup> International Conference in Soil Mechanics and Geotechnical Engineering (ICSMGE) s'est tenue à Séoul, en Corée, du 17 au 22 septembre 2017. Les membres de la SCG ont produit 18 articles pour le programme technique de cette conférence. L'YGE6 a eu lieu à Séoul, en Corée, avant la 19<sup>th</sup> ICSMGE, les 16 et 17 septembre 2017. Deux jeunes membres ont été sélectionnés pour représenter la SCG : Andrea Loughheed (BGC Engineering) et Jeffrey Oke (Mine Design Engineering).

## **La Tournée de conférences transcanadienne**

La Tournée de conférences transcanadienne (TCT) continue d'être un programme très réussi, et les sections locales sont très nombreuses à vouloir l'accueillir. Elle est connue et respectée à l'échelle internationale. Le conférencier de la TCT de l'automne 2018 (présentant la 100<sup>e</sup> TCT) a été Jean-Marie Konrad de l'Université Laval. M. Konrad a visité 12 sections pendant sa tournée qui a duré quatre semaines. Tom O' Rourke de l'Université Cornell était la tête d'affiche de la Tournée du printemps 2018. Il a visité dix sections en neuf jours. Le conférencier de l'automne 2018 sera Alex Sy de Klohn Crippen Berger, Vancouver, Colombie-Britannique.

## **Le Conseil canadien de recherche en géotechnique**

Le Conseil canadien de recherche en géotechnique (CCRG), présidé par Bruno Bussière, continue à promouvoir la recherche au sein de la communauté géotechnique. Le conférencier du Colloquium 2017, sélectionné par le CCRG de la SCG, a été Michael Hendry. Le conférencier du Colloquium 2018, qui donnera sa présentation lors de GéoEdmonton 2018, sera Matt Lato. Le conférencier du Colloquium 2019 sélectionné par le CCRG sera annoncé lors de GéoEdmonton 2018.

## **Le Manuel canadien d'ingénierie des fondations**

L'erratum de la 4<sup>e</sup> édition de la version anglaise du *Manuel canadien d'ingénierie des fondations (MCIF)* a été actualisé et est maintenant affiché sur le site Web de la SCG. Nous encourageons les membres à consulter le site Web de la SCG et à télécharger la dernière version de l'erratum. Merci à Ken Skaffeld (Trek Geotechnical) d'avoir révisé complètement et mis à jour l'erratum.

Le travail se poursuit sur l'élaboration d'une nouvelle version en ligne du *MCIF*; l'échéancier de la réalisation de l'ensemble du projet est estimé à environ deux ans. Entretemps, la 4<sup>e</sup> édition actuelle, avec l'erratum mis à jour, peut être achetée auprès de Bi-Tech. Une mise à jour du chapitre Calcul aux états limites (et peut-être d'autres chapitres) est en cours, et nous avons l'intention de publier les chapitres actualisés en format numérique en tant qu'addenda à la 4<sup>e</sup> édition actuelle, pendant que le travail se poursuit sur les autres chapitres.

Lors d'une réunion du Comité consultatif technique sur le *MCIF* tenue à GéoOttawa 2017, il a été convenu qu'un rédacteur/gestionnaire de projet est requis pour le projet. N'ayant pas réussi à pourvoir ce poste jusqu'à maintenant, la SCG se prépare à lancer officiellement un appel de candidatures pour trouver un coordonnateur de projet pour superviser la préparation du contenu technique de la mise à jour du *MCIF*. La principale responsabilité de cette personne sera de superviser le calendrier de réalisation du nouveau manuel et d'assurer la liaison avec les responsables et les réviseurs des chapitres pour veiller à ce que le contenu soit prêt en temps opportun.

## **La Revue canadienne de géotechnique**

La *Revue canadienne de géotechnique (RCG)* continue à connaître un véritable succès avec un total de 774 manuscrits reçus en 2017 (706 ont été reçus en 2016); 209 d'entre eux ont été publiés. Selon les chiffres obtenus, le taux d'acceptation en 2017 était de 27 %. Le facteur d'impact « Thomson Reuters » a augmenté de 2,138 à 2,565. Merci aux rédacteurs, aux rédacteurs adjoints et aux réviseurs d'article pour leur travail remarquable. La *RCG* continue d'être une excellente ressource pour nos membres.

Au cours de la dernière année, Ian Moore a quitté son poste de rédacteur après l'avoir occupé pendant 11 ans. Au cours de son mandat de rédacteur, M. Moore a supervisé la croissance importante de la *Revue* et a été à l'origine de nombreuses initiatives positives. La SCG tient à féliciter M. Moore pour ces réalisations et à le remercier pour les milliers

d'heures qu'il a consacrées à la RCG durant cette période. M. Moore continuera à contribuer à la *Revue* à titre de consultant à la rédaction.

### **Les comités techniques de la SCG**

- Le Comité sur l'éducation, dirigé par Tareq Salloum, continue d'assurer la gestion harmonieuse des concours de la SCG pour les étudiants et de la Bourse nationale aux études supérieures Michael Bozozuk.
- Le Comité sur le patrimoine, dirigé par Heinrich Heinz, continue d'être très actif et d'ajouter continuellement du contenu à la page Web des archives. Au cours de la dernière année, le Comité s'est concentré sur l'« Histoire des femmes dans le domaine de la géotechnique au Canada », menant des entrevues avec 12 pionnières dans le domaine. Des affiches sur ces personnalités seront présentées lors de GéoEdmonton 2018. Les futurs efforts du Comité seront axés sur l'élaboration d'une série d' « entrevues avec des légendes canadiennes ».
- Le Comité sur les géorisques, dirigé par Dave Gauthier, a soutenu et collaboré à l'organisation de la conférence Géorisques 7, qui a eu lieu en juin 2018 à Canmore, en Alberta. Le Comité appuie la publication des *Canadian Technical Landslide Guidelines* et cherche à en faire un document unique et autonome.
- Le Comité sur la géotechnique minière, qui sera présidé par Thomas Pabst à la fin du mandat de Paul Simms, a joué un rôle très important en appuyant la conférence GéoOttawa qui comprenait huit sessions sur ce thème.
- Le Comité sur les pratiques professionnelles, dirigé par James Blatz, a organisé une session spécialisée qui a été couronnée de succès à GéoOttawa. Il a préparé un article sur cette session spécialisée, qui a été publié dans l'édition de juin 2018 de *Geotechnical News*. Cette année, le Comité appuie une session spécialisée à la conférence GéoEdmonton sur les femmes en génie.
- Le Comité sur la géotechnique durable, dirigé par Tim Newson, a tenu des réunions entre deux sous-comités (Technologies appropriées pour les pays en développement et Étude documentaire des systèmes de durabilité en génie civil). Il a également assuré la liaison avec des comités internationaux et des sociétés locales.
- Le Comité sur la géotechnique des transports, dirigé par Serge Bourque, travaille actuellement sur un protocole d'entente (PE) avec l'Association des transports du Canada ainsi que sur un autre avec le Transportation Research Board.

### **Les divisions de la SCG**

Les sept divisions continuent à participer aux séances de planification et à l'examen des articles techniques pour les conférences annuelles de la SCG. Parmi les autres tâches importantes effectuées par les divisions, mentionnons la sélection des lauréats de leurs prix respectifs et leur présentation à la conférence annuelle de la SCG. Au cours des dernières années, certaines divisions ont été moins actives et ont eu de la difficulté à créer de nouvelles initiatives. La collaboration et les communications entre les divisions et les comités sont considérées comme des points à améliorer et à cibler au cours de la prochaine année.

**Vice-President Finance Annual Report – Kent Bannister**  
**January 1, 2018 to July 31, 2018**

**Introduction**

The following is a statement of the CGS finances for the seven-month period January 1 to July 31, 2018.

**Summary of Revenue and Expenses to July 31, 2018**

Revenues to date (including prepaid revenues received in 2017 for 2018 membership) are \$235.7K compared to \$265.2K for the same period in 2017. This income reduction in the first quarter of over \$38K is primarily due to a \$17K decrease to date in membership revenue, \$4.4K in publication revenue and \$9.5K in sponsor revenue (that has been committed but not yet collected).

Expenses paid are \$214.7.4K, compared to \$217.2 K for the first seven months of 2017. While these numbers appear similar, the 2018 figure includes \$12.5K spent on the reprint of the 4<sup>th</sup> Edition CFEM that was not specifically budgeted for in 2018. Staff fees are down \$9.3K to date in 2018.

	2017 Actual (audited)	2018		
		Budget	to July 31, 2018	Projection to Dec 31, 2018
<b>Revenue (x \$1,000)</b>				
Membership Dues	249.3	260.0	219.8	250.0
Publications	27.9	20.0	12.3	20.0
Conferences	48.4	35.0	0	35.0
Sponsorships	11.5	12.0	1.0	12.0
Miscellaneous	2.8	5.0	2.6	5.0
<b>TOTAL REVENUE</b>	<b>339.9</b>	<b>332.0</b>	<b>235.7</b>	<b>322.0</b>
<b>Expenses (x \$1,000)</b>				
Int'l. Memberships	34.0	30.0	9.5	30.0
Conferences/CCLT	15.3	10.0	8.9	10.0
Publications	102.0	105.0	76.2	115.0
Staff Fees	149.7	160.0	75.3	140.0
Operations	62.9	65.0	39.6	65.0
New Initiatives	15.0	20.0	5.2	15.0
Miscellaneous	2.2	2.0	0.0	2.0
<b>TOTAL EXPENSES</b>	<b>381.1</b>	<b>392.0</b>	<b>214.7</b>	<b>377.0</b>
<b>REV MINUS EXP</b>	<b>-41.2</b>	<b>-60.0</b>	<b>21.0</b>	<b>-55.0</b>

**Notes to Accompany Summary of Revenue and Expenses**

## **Revenue**

**Membership Dues:** While the overall number of members at August 17, 2018 is only 11 less than at mid-August in 2017, the number of regular and retired members is down by 106 members resulting in a reduction in membership fee income (not including any publication or International Society income) received in 2018 of almost \$18,000. It may be prudent to reduce the forecast by another \$5K to \$250K, which will be \$10K less than that received by the end of 2017.

**Publications:** The reported figure of \$12.3K received does not include \$2.2 in July revenue that was just reported to CGS in August. The total to date of \$14.5K is less than the 2017 revenue of \$16.7 received by July 2017. As a result, it appears that a strong increase in CFEM sales hoped for with the announcement of the reprint is not occurring and it is recommended that the forecast be reduced to \$20K.

**Conferences:** Conference income for GeoEdmonton 2018 will not be realized until the end of the year. While the 2017 conference produced a net for CGS National of almost \$50K, to be conservative the approved budget of \$35K is still reasonable for 2018.

**Sponsorships:** 2018 Corporate Sponsor renewal appeal letters have been sent but, with only \$1.0K received, the sponsors will require a reminder.

**Miscellaneous:** Reflects interest and EIC employment site income received in to date.

## **Expenses**

**International Memberships:** While some progress payments to the international societies have been made, most will be remitted in Q3 and Q4.

**Conferences/CCLT:** Conference expenses are usually incurred in Q4. CCLT costs will occur in Q2 and Q3, and travel costs will be reimbursed by the CFEM

**Publications:** This figure includes payments to Canadian Science Publishing for online access to the *Canadian Geotechnical Journal* for all members and print copies for those who paid extra to order the mailed hard copy. Also includes payments to BiTech Publishers for *Geotechnical News*. The forecast of \$115K is still believed to be reasonable.

**Staff Fees:** Staff fees to July 31 are \$9.4K lower than at the same time in 2017. It appears reasonable to expect the final 2018 staff fee expense to be at least \$10K less than in 2017 so the forecast has been reduced to \$140K.

**Operations:** These costs are tracking similarly to 2017 at this point.

**New Initiatives:** This includes \$2.7K for the MyCGS improvements on the CGS website, \$1.7K in section subsidies and \$0.8K for Colloquium tour expenses reimbursed. Due to other changes to the forecast revenues and expenditures, the new initiatives maximum spend has been reduced to \$10K to keep the approved budget deficit at close to \$60K.

**Miscellaneous:** No expenses to date.

## **Summary Balance Sheet as of July 31, 2018**

		x \$1,000
<b>Assets</b>	Cash (Chequing/Savings)	450.5
	Restricted Funds	36.1
	Investments	117.3



	Accounts Receivable	0.0
	Loans Outstanding	250.0
	Fixed Assets (computer equipment)	0.7
<b>TOTAL ASSETS</b>		<b>818.8</b>

<b>Liabilities</b>	Accounts Payable	12.4
	GST/HST Payable	14.2
	Accrued Liabilities	9.0
<b>TOTAL LIABILITIES</b>		<b>35.6</b>
<b>Equity</b>	Retained Earnings to 2017	726.0
	Restricted Funds	36.1
	Revenues Less Expenses 2018	21.1
<b>TOTAL EQUITY</b>		<b>783.2</b>
<b>TOTAL LIABILITIES &amp; EQUITY</b>		<b>818.8</b>

## Notes to Accompany Summary Balance Sheet

### Assets

Cash (Chequing and Savings): TD Canada Trust (chequing \$247.0K), Tangerine (savings \$203.5K)

Restricted Funds: Cold Regions Division (\$12.8), Engineering Geology Division (\$8.8), Education Committee (\$14.5K).

Investments: RBC Dominion (\$117.3K)

Accounts Receivable: Negligible

Loans Outstanding: Canadian Foundation for Geotechnique (\$235K) at 0%; GeoEdmonton 2018 (\$10K) at 0%; 6th cYGEGC (\$5K at 0%)

### Liabilities

Accounts Payable: Various including GGMI (\$6.0K), IGS/NAGS (\$5K), pro.NET (\$1.1K)

GST/HST Payable: Q2 net GST/HST to be remitted to CRA

Accrued Liabilities: Audit fees

### Equity

Restricted Funds: as above

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## **Rapport annuel du Vice-président aux finances – Kent Bannister**

### **Activités du 1<sup>er</sup> juillet 2017 au 30 juin 2018**

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Les tableaux ci-dessous présentent l'état des finances de la SCG au 3i juillet 2018, avec les projections au 31 décembre 2018. Les données réelles de 2016 et 2017 sont incluses à titre comparatif. De façon générale, la SCG demeure dans un position financière solide. Veuillez noter que le rapport annuel de la SCG (juillet 2017 - juin 2018), qui accompagne ces tableaux, sera publié sur le site web de la Société. Le budget proposé pour 2019 est également inclus.

### Revenus et dépenses au 3i juillet 2018

Réels 2016	Réels 2017	2018			2019 Budget proposé
		Budget	Au	Projection au 31 déc.	

				31 juillet		
	<b>Revenus (x \$1,000)</b>					
Cotisations des membres	258.8	249.3	260.0	219.8	250.0	279.0
Publications	32.6	27.9	20.0	12.3	20.0	20.0
Conférences	118.2	48.4	35.0	0	35.0	40.0
Commandites	12.5	11.5	12.0	1.0	12.0	24.0
Divers	3.6	2.8	5.0	2.6	5.0	4.0
<b>REVENUS</b>	<b>425.7</b>	<b>339.9</b>	<b>332.0</b>	<b>235.7</b>	<b>322.0</b>	<b>367.0</b>
	<b>Dépenses (x \$1,000)</b>					
Adhésions internationales	31.5	34.0	30.0	9.5	30.0	30.0
Conférences	12.6	15.3	10.0	8.9	10.0	10.0
Publications	110.4	102.0	105.0	76.2	115.0	105.0
Rémunération du personnel	164.7	149.7	160.0	75.3	140.0	145.0
Activités d'exploitation	58.3	63.6	65.0	39.6	65.0	65.0
Nouvelles actions	36.0	15.0	20.0	5.2	15.0	10.0
Divers	0	2.2	2.0	0.0	2.0	2.0
<b>DÉPENSES</b>	<b>413.5</b>	<b>381.8</b>	<b>392.0</b>	<b>214.7</b>	<b>377.0</b>	<b>367.0</b>
<b>REV MOINS DÉP</b>	<b>12.2</b>	<b>-41.9</b>	<b>-60.0</b>	<b>21.0</b>	<b>-55.0</b>	<b>0</b>

#### Bilan financier au 31 juillet 2018

		x \$1,000
<b>Actifs</b>	Trésorerie - compte chèque chèque/épargne)	450.5
	Fonds affectés	36.1
	Placements – comptes épargne	117.3
	Créances d'exploitation	0.0
	Prêts en cours	250.0
	Fixed Assets (computer) equipment)	0.7
<b>ACTIFS TOTAUX</b>		<b>818.8</b>
<b>Dettes et charges</b>	Dettes d'exploitation	12.4
	TPS/TVH payable	14.2
	Charges à payer	9.0
<b>PASSIF TOTAL</b>		<b>35.6</b>
<b>Capitaux propres</b>	Bénéfices non répartis de 2017	726.0
	Fonds affectés	36.1
	Revenus moins dépenses au 31 juillet 2018	21.1
<b>CAPITAUX PROPRES TOTAUX</b>		<b>783.2</b>
<b>CAPITAUX PROPRES TOTAUX ET PASSIF</b>		<b>818.8</b>

### **Section 1: General**

Date of report: August 23 28, 2018

Prepared by: Jean Côté, VP Communications and Member Services

End of Term: December 2018

### **Section 2: CGS E-news (previously CGS-GIN)**

From September 2017 to April 2018, 8 issues of CGS-GIN were distributed. Following a motion from the Executive Committee, the electronic news of CGS previously known as CGS-GIN (Geotechnical Info Net) has been rebranded as CGS E-news. Two issues of CGS E-news were then distributed (May and June). July and August were not issued due to summer holiday schedules. The CGS E-News is now forwarded to affiliate associations and societies and means to distribute it to a broader audience (section members that are not members of CGS) are under evaluation.

### **Section 3: Geotechnical News and CGS-News**

The printed magazine of the society is Geotechnical news. BiTech will continue to publish Geotechnical News that include CGS-News until December 2019. A task force committee was created to overlook the future of the printed publication of CGS among other aspects of the communications of CGS (see section 5 for more details).

The current CGS News Editor, Don Lewycky, whose term ends in December 2018, has agreed to prepare transition to Nicholas Beier from the U of A. who will be the Editor starting January 2019. Both are now working on the preparation of the September 2018 and December 2018 issues to ensure that full transition is completed for the March 2019 issue.

A new section entitled “From the CGS Board” was approved by the Board of Directors during the 2017 annual meeting held on Ottawa. This section aims at disseminating information of national interest on activities conducted by the divisions, sections and committee of CGS as well as promoting and summarizing various technical content from conferences such as the paper awards and distinguished lectures. Doug VanDine (CGS past President) has taken the role of editor while the VP Communications and Member Services is responsible for gathering the articles. The Chairs divisions and committees and the Directors of the sections are expected to actively contribute to this new section. BiTech has started publishing the new section in Geotechnical News in the March 2018 issue. By then end of the 2018, the new section will have featured a four-part article on the History of the CFEM, as well as articles about the importance of monitoring in rock excavations, the first highway build on sensitive permafrost terrain in Canada, women in geotechnical engineering, professional practice and court cases as well as the extended abstract of the 2018 CGS-Colloquium

### **Section 4: CGS Website**

The CGS website continues to be improved in terms of content and functionality. A personalized member login feature “MyCGS” has been launched to ease browsing thought exclusive content and profile pages. The French side of the website continues to be improved and the final modifications of the tablet version has been completed by Spring 2018. A new phone version of the web site has been designed and will be effective early Fall 2018.

### **Section 5: Communication Task Force**

During its annual meeting held in Ottawa in 2017, the Board of Directors has approved the creation of a Task Force to assist the EC with various issues related to communication. The mandate is to review the various CGS communication platforms and media to assess how these could best be used for the benefits of the CGS members (and geotechnical community). Eight individuals representing industry, government agencies and academia form the core committee which is led by the VP Communications and Member Services and assisted by the Executive Director and the Director of Communications and Member Services.

Following 6 meetings held between December 2017 and August 2018, a report has been prepared on the future of the printed magazine of the society Geotechnical News. The report reviewed the content of the current magazine, proposed improvements of technical content and proposed new non-technical content, explored a new editorial model and made recommendations for linking the new magazine to the other CGS platforms. The report also made recommendations for the launch of the new magazine and proposed a path forward and timeline until 2020. The CTF is confident that recommendations made will ensure a smooth transition to the new version that will be first published in the beginning of the Year 2020. The report is to be submitted the Executive Committee for consideration during the August 2018 EC meeting. If approved, the report can then be addressed during the Board of Directors meeting in September 2018.

The Communication Task Force will submit its final report by the end December 2018 on the communications at large.

### **Section 6: Membership committee**

During its annual meeting held in Ottawa, the Board of Directors has approved the creation/revival of the membership committee. The proposed mandate of the membership committee is to promote the CGS to current and future members, survey geoprofessionals and assess members' expectations, explore and analyze new initiatives, increase interest in volunteering and monitor and increase membership renewal. The chair of the committee reports to the VP Communications and Member Services. At the present moment, the committee is formed of 6 individuals including Sumi Siddiqua acting as Chair and Maraika DeGroot, young professionals rep. Three meetings were held where the committee has worked on refining its mandate, revamping the member benefits document, preparing the material for the web page on the CGS web site and organizing a member survey.

### **Section 7: CGS LinkedIn / Facebook**

The CGS LinkedIn and Facebook pages continue to attract member signups and interest. The CGS National Office as always welcomes possible content for posting. Work is underway to better integrate the content of the social media platforms to the E-News, the web page of the society and its printed magazine. The Communication Task Force will specifically address this in the Fall 2018.

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***Rapport annuel du Vice-président, Communications et services aux membres – Jean Côté***  
***Activités du 1<sup>er</sup> juillet 2017 au 30 juin 2018***

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### **Section 1: Général**

Date du rapport: 23 août 2018

Préparé par: Jean Côté, VP Communications et services aux membres

Fin du mandat: Décembre 2018

### **Section 2: E-info de la SCG (anciennement SCG-RIG)**

De septembre 2017 à avril 2018, huit numéros du SCG-RIG ont été distribués. Suivant une proposition du comité exécutif, le bulletin de nouvelles électroniques connu sous le nom de SCG-RIG (Réseau d'information Géotechnique) a été renommé E-info de la SCG. Deux numéros de l'E-info de la SCG ont par la suite été distribués (mai et juin). Le E-info prend une pause estivale et n'est pas distribué en juillet et août. Le bulletin E-info de la SCG est maintenant distribué aux associations et sociétés affiliées à la SCG et des moyens pour le distribuer à une audience plus large (membre des sections qui ne sont pas membres de la SCG) sont présentement en évaluation.

### **Section 3: Geotechnical News et Nouvelles de la SCG**

Le magazine imprimé de la société est le Geotechnical News. BiTech continuera de publier Geotechnical News qui inclue une section sur les Nouvelles de la SCG jusqu'à décembre 2019. Un groupe de travail a été créé pour étudier le futur de la publication imprimée de la SCG ainsi que d'autres aspects des communications de la SCG (voir section 5 pour plus de détails).

L'éditeur actuel des Nouvelles de la SCG, Don Lewycky, dont le mandat se termine en décembre 2018, a accepté de préparer la transition vers Nicholas Beier de L'U of A qui deviendra l'éditeur en titre à partir de janvier 2019. Tous deux sont déjà au travail sur la préparation des numéros de septembre et décembre 2018 afin d'assurer que la transition soit complétée pour le numéro de mars 2019.

Une nouvelle section appelée "En provenance du conseil de la SCG" a été approuvée par le conseil d'administration durant la réunion annuelle de 2017 tenue à Ottawa. Cette nouvelle section vise à disséminer de l'information d'intérêt national sur les activités menées par les divisions, sections régionales et comités de la SCG aussi bien que de promouvoir et résumer divers contenus techniques des conférences tels que les articles primés et les conférences d'honneur. Doug VanDine (ancien président de la SCG) a pris le rôle d'éditeur de la section alors que le VP Communications et services aux membres est responsable de recueillir les articles. Les présidents de divisions et comités et les directeurs de sections sont appelés à contribuer activement à cette nouvelle section. BiTech a débuté la publication de la nouvelle section dans le numéro de mars de Geotechnical News. D'ici la fin de 2018, la nouvelle section aura mis de l'avant un article en quatre parties sur l'histoire du MCIF, de même que des articles à propos de l'importance de la surveillance des excavations dans le roc, de la première route construite sur du pergélisol sensible au Canada, des femmes en géotechnique, de la pratique professionnelle et les cas judiciaires ainsi que le résumé long du Colloque 018 de la SCG.

#### **Section 4: Site web de la SCG**

La SCG continue d'améliorer son site web en termes de contenu et de fonctionnalité. Une nouvelle fonctionnalité d'identification des membres "MaSCG" a été lancée pour faciliter la navigation dans les pages du profil et dans les pages de contenu exclusif. La version française du site continue d'être améliorée et les modifications finales du site pour tablette ont été complétées au printemps 2018. Une nouvelle version du site pour les téléphones a été conçue et sera mise en ligne tôt à l'automne 2018.

#### **Section 5: Groupe de travail sur les communications**

Lors de sa réunion annuelle tenue à Ottawa en 2017, le conseil d'administration a approuvé la création d'un groupe de travail pour assister le comité exécutif sur diverses questions liées aux communications. Le mandat est de réviser les diverses plateformes de communication de la SCG et d'évaluer comment elles pourraient être mieux utilisées pour le bénéfice des membres de la SCG (et la communauté géotechnique). Huit individus représentant l'industrie, les agences gouvernementales et le milieu académique forment le comité qui est dirigé par le VP Communications et services aux membres avec l'assistance du Directeur exécutif et de la Directrice des communications et des services aux membres.

À la suite de six réunions tenues entre décembre 2017 et août 2018, un rapport a été préparé sur le futur du magazine imprimé de la société : Geotechnical News. Le rapport revoit le contenu du magazine actuel, propose des améliorations du contenu technique et l'intégration de nouveaux contenus non techniques, explore un nouveau modèle éditorial et fait des recommandations pour lier le nouveau magazine aux autres plateformes de la SCG. Le rapport fait aussi des recommandations pour le lancement du magazine et propose une voie à suivre assorti d'un agenda jusqu'à 2020. Le groupe de travail est confiant que les recommandations faites assureront une transition sans heurt vers la nouvelle version qui sera publiée au début de l'année 2020. Le rapport sera soumis au comité exécutif lors de la réunion du mois d'août 2018. Si le rapport est approuvé à ce moment, il sera soumis au conseil d'administration en Septembre 2018.

Le groupe de travail produira un rapport final en décembre 2018 sur les communications en général.

#### **Section 6: Comité sur devenir membre**

Lors de sa réunion annuelle tenue à Ottawa en 2017, le conseil d'administration a approuvé la création/relance du comité sur devenir membre. Le mandat du comité est de promouvoir la SCG aux membres actuels et futurs, mener des sondages auprès des géoprofessionnels et évaluer les attentes des membres, explorer et analyser de nouvelles

initiatives, augmenter l'intérêt pour le volontariat et faire le suivi des adhésions afin d'en assurer le renouvellement et recruter de nouveaux membres. Au moment de rédiger le présent rapport, le comité est formé de 6 individus et est dirigé par Sumi Siddiqua et assisté de Maraika DeGroot, représentante des jeunes professionnels. Trois réunions ont été tenues depuis janvier 2018, où le comité a travaillé à raffiner son mandat, à mettre à jour le document sur les bénéfices d'être membre, à préparer le matériel de la page web du comité et à organiser leur premier sondage aux membres.

### **Section 7: LinkedIn / Facebook SCG**

Les pages LinkedIn and Facebook de la SCG continuent d'attirer des abonnés ainsi que l'intérêt de la communauté. Le bureau national de la SCG est toujours prêt à évaluer la diffusion de contenu d'intérêt pour les membres. Un travail d'intégration du contenu des médias sociaux à l'E-info, le site web et le magazine imprimé est présentement en cours. Le groupe de travail sur les communications se penchera spécifiquement sur cet aspect à l'automne 2018.

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## ***Young Professional Representative Annual Report – Maraika De Groot July 1, 2017 to June 30, 2018***

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### **Section 1: General**

Date of report: August 4, 2018

Prepared by: Maraika De Groot, Young Professional (YP) Representative

End of Term: December 31<sup>st</sup>, 2019

### **Section 2: Report on young member events**

- GeoOttawa: An informal YPs and students meeting occurred during at the GeoOttawa Icebreaker on Sunday October 1, 2017 in the Shaw Centre. Additionally, the CGS took a more active role with assisting Golder with GeoPardy. This included assisting in writing questions for the event.
- 6<sup>th</sup> International Young Geotechnical Engineers' Conference (iYGEC6): Two CGS representatives, Andrea Lougheed (Vancouver, BC) and Jeffrey Oke (Kingston, ON), attended iYGEC6 Seoul Korea in September 2017.
- GeoEdmonton: A formal YPs and students icebreaker activity will be held on Sunday September 23<sup>rd</sup>, 2018 in the Shaw Conference Centre. The icebreaker will include a half hour panel discussion about careers in geotechnical engineering and hydrogeological sciences, followed by networking. Refreshments will be provided.
- 6<sup>th</sup> Canadian Young Geotechnical Engineers and Geoscientists Conference (cYGEGC): The organizing committee for the 6<sup>th</sup> cYGEGC is assembled and a draft conference proposal was submitted to the CGS Executive Committee in April 2018. The conference will be held September 26<sup>th</sup> to 28<sup>th</sup>, 2019 in St. John's Newfoundland, prior to GeoSt.John's. A memorandum of understanding between the CGS Executive Committee and 6<sup>th</sup> cYGEGC Local Organizing Committee was signed as of June 2018.
- A CGS YP and Student Representative Meeting was held on May 30, 2018. The purpose was to provide a venue for connection, to share experience with YP/Student initiatives, and to ask for feedback. The call included representatives from Sections and Divisions. Maraika received positive feedback and would like to continue with this call twice a year in May and November. One recommendation from participants was to find an online conferencing platform to facilitate meetings more easily.

### **Section 3: Websites**

No website is dedicated to YP Representative

### **Section 4: Finances**

No finance is managed by the YP Representative

## **Section 5: Affiliations with other organizations**

No affiliations.

## **Section 6: Additional information or comments**

- Ariane Locat's mandate as YP Representative ended December 31, 2017. Maraika De Groot has replaced Ariane with her term extending to December 31, 2019.
- A proposal for an Early Achievement Award has been approved in principal by the Executive Committee. The award is intended to recognize outstanding accomplishments provided by members in the early years of their career; it focusses on excellence of technical achievements and contributions to the geotechnical profession, service to the CGS, and service to the practice/industry. Approval of the award will be on the agenda for the September 2018 Board of Directors meeting.
- A proposal for university Student Chapters has been written by a task force committee including James Blatz, Maraika De Groot, Ariane Lougheed, and Ariane Locat. The objectives of CGS Student Chapters is to improve awareness of geotechnical engineering and the CGS early in students' studies and provide opportunities for extracurricular experiences and networking. Student Chapters would be independent, both financially and operationally, from CGS and the Local Section while also being connected to the Local Section for mentorship and networking opportunities. If this is of interest to universities, students would apply to the CGS National with endorsement from their Local Section to become an official CGS group. The next step is for the Executive Committee to review the proposal.
- The conference manual was reviewed and a proposal to add text about a YP Event at the Annual CGS Conference was written. The next step is for the Executive Committee to review the proposal.

## SECTION REPORTS

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### *Sections Representative Annual Report – Andrea Lougheed July 1, 2017 to June 30, 2018*

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All Sections held at least one event this year. Four Sections held 11 events each with the average number of events held by Sections being 6.5. The majority of events comprised technical lectures, including the Cross-Canada Lecture Tour (CCLT). Some Sections continue to require support from the Section Representative, CGS HQ, and well-established neighbouring Sections.

During this full-year (July 2017 to June 2018), 178 members of Section Committee Executives – all volunteers – served their almost 2,290 Section members and arranged 130 events (technical and social) achieving over 5,790 attendances. This does not include the attendance at GeoOttawa 2017. Of the Section Executive Committee members, 9% were students (16 total) and 20% were women (36 total). Of the 16 student Executives, 12 of them served as student representatives. It was noted that 5 Sections have over 30% women on their Executive Committees. The CGS continues to serve well the Geotechnical community at a local level and are encouraging involvement of students and women.

The effectiveness of the efforts of each Section may be compared with the effectiveness of other Sections. From the data reported some comparisons are possible. All of these comparisons must be tempered by the context of each Section, such as some sections report numbers from mailing list versus paid members. There is always room for improvement, and the statistics are only part of the story of the hard work that is evident from the Section reports.

Overall reported membership dropped by 4% this year, which is likely linked to the variation in reporting mentioned above. Three Sections were noted to have annual membership fees that vary between \$10 or \$20 for regular members. Other Sections gain revenue through various streams, including running short courses and charging per technical talk.

One measure of delivery to local Section members and of the Section's workload is the number of events held annually per member of the Section Executive. The average is 0.77 events per Section Executive member with values ranging from 0.2 to 1.75. The number of events held per member is also a useful indicator. This averaged 0.08, ranging from 0.01 to 0.22. Another such measure is the annual attendance at events per member of the Section Executive. This averages at 27.8, and ranges from 4.0 to 88.4, though this provides no measurement of the quality of events held.

A measure of the participation by local Section members is the attendance per member at events. The average attendance rate is 2.93 events per member, and this ranged from 0.25 to 7.8.

The percentage of the membership sitting on the Section Executives ranged from 3.8% to 27.6%, averaging 12.5%. On average, each member of an Executive served 13.0 Section members.

It is clear that the Section Executives are busy, and membership of an Executive is liable to be particularly demanding where the work is not evenly shared, particularly on smaller Executives. The activities reported here refer only to events held for members, and Section Executives do engage in other activities.

The data provided by the Sections are summarised in the table below.



Section	Members			Number of Events					Total Events	Total Attendance	Sponsor Student? 2018
	Executive Total / incl students	Total Members Total / incl students	CGS Members Total / incl students	CCLT	Technical Lectures	Workshop & Short Courses	Student Events	Social Events			
Vancouver Island	4/0	32/NK	32/NK	1	6	0	0	0	7	162	N
Vancouver	14/1	216/13	120/0	2	5	2	1	1	11	611+	N
Prince George	6/0	25/NK	20/NK	1	1	0	0	0	2	37	N
Interior BC	3/0	80/NK	NP	0	1	0	0	0	1	~20	N
Edmonton	15/1	270/59	87/NK	1	5	0	0	0	6	281	Y
Calgary	15/1	NK	106/NK	2	7	0	0	0	9	288+	Y
Saskatoon	8/1	100/20	NP	1	5	1	0	0	7	275	Y
Regina	9/1	40+	15+	1	5	0	0	1	7	312	Y
Manitoba	7/1	52/7	52/7	2	7	1	0	1	11	403	Y
Thunder Bay	3/0	8/NK	10/NK	0	2	0	0	0	1	28	N
Sudbury	4/0	NP	NP	0	2	0	0	0	2	33	N
London	13/1	~300/NK	~40/NK	0	7	0	0	0	7	181	N
Southern Ontario	16/2	~300	~300	1	6	2	1	1	11	1592	N
Kingston	5/1	~120/NK	62/NK	1	5	0	0	0	6	144	Y
Ottawa	11/NK	100/NK	NP	2	4	0	1	2	9	277+	Y
L'ouest-du-Québec	8/1	90/NK	NP	2	9	0	0	0	11	480	NK
L'est-du-Québec	9/4	321/NK	48/NK	2	6	0	1	1	10	390	Y
New Brunswick	5/0	15/NK	15/NK	1	0	0	0	0	1	20	N
Nova Scotia	4/0	50/NK	20/NK	1	3	0	0	1	5	60	N
St. John's	4/1	40/30	~20-25	2	3	0	1	0	6	216	Y
<b>Totals</b>	<b>162/16</b>	<b>2,159/129</b>	<b>954/NK</b>	<b>23</b>	<b>89</b>	<b>6</b>	<b>5</b>	<b>8</b>	<b>130</b>	<b>5790 +</b>	<b>9</b>

\* Does not include CGS National Conference

NP = Not Provided

NK = Not Known

Students represent the future of our Society, and many sections have recognized this with the inclusion of student representation on their executive committees. Currently, twelve Sections have Student Representatives with one Section planning on adding the position to their Executive Committee starting in September 2018. Of the Sections without a Student Representative, three do not have a University with an engineering department within close proximity. Four Sections could potentially add a Student Representative though they are generally smaller sections.

Some CGS members live and work in very remote parts of the country, and technology has gradually made it easier to allow them to participate in events. Some Sections already routinely webcasting their lectures, and others are considering a similar approach to reach more of their members or to assist other Sections. The Society acknowledges the benefit of webcasting and knowledge-sharing for the membership and is working on ways to encourage further webcasting development and interaction between Sections.

The effort by Section Directors across Canada in providing the information summarised in this full-year report is acknowledged with gratitude, as is the work the Sections do in serving our members.

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**Vancouver Island British Columbia (Victoria) Section  
Annual Report July 1, 2017 to June 30, 2018**

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**Formal Section Name: Vancouver Island Geotechnical Group**

**Section 1: General**

Date of this report: July 25, 2018  
Prepared by: Chris Weech  
Section Director: Chris Weech  
End of Section Director's Term: December 31, 2018  
Section's CGS web page address: [www.cgs.ca/section\\_vancouver\\_island.php](http://www.cgs.ca/section_vancouver_island.php)  
Is there a link from your separate Section website to the CGS website? No

**Section 2: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Chris Weech – Thurber Engineering Ltd.  
Past Chair: J. Suzanne Powell – Thurber Engineering Ltd.  
Vice Chair/Technical Director: Jay McIntyre – Thurber Engineering Ltd.  
Treasurer/Registrar: Jeff Ferraby – Ryzuk Geotechnical

**Section 3: Number of Section Members (as of June 30, 2018)**

Executive Committee Members: 3  
Total members (if possible, student and non-student members): We do not have a local VIGG membership. Our live presentations through the 2017/18 season averaged 25 people.  
Total CGS members: 32 as of July 25, 2018 (down from 38 as of Dec. 15, 2017).  
Does your section do anything specific to attract new members? Membership reminders are given during announcements at the luncheons.  
Can the National Office or newly formed Membership Committee help support your endeavours? It may be helpful to encourage consulting companies at the corporate level to at least subsidize the membership fee, as the cost of membership is perceived to be a headwind to membership growth.

Comments:

- On average, roughly 30% of the attendees at the section activities during the 2017 Fall Session were CGS members, but most of those members were all from one company (Thurber Engineering).
- CGS members get a \$10 discount off of their VIGG Technical Luncheon fee.
- Of the 32 active CGS members, 11 are from the Nanaimo area and 18 are from the Victoria area. Of the Victoria area members, 7 are from Thurber Engineering, as Thurber is an active supporter of the CGS and pays the fees for staff members that wish to be members. The other geotechnical consulting firms in Victoria (Ryzuk Geotechnical, WSP, Golder Associates) do not have any active members, although their staff members do regularly attend the VIGG luncheons.

**Section 4: Section Finances (as of June 30, 218)**

Account balance \$5,260.80  
 Does your Section charge members an annual fee? No  
 If so, how much?  
 Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes  
 Is your Section aware of the CGS Lecture Supplement Program? Yes  
 Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? No

<b>Section 5: Section Activities, July 1, 2017 to June 30, 2018</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
October 3, 2017	Dr. Kristin Morell	A newly discovered active fault beneath Victoria: Implications for regional seismic and environmental hazards	28
October 25, 2017	Harvey McLeod (Recording of R.M. Hardy Address at the 2016 CGS Conference)	History of Tailings Dam Design and Innovation and Practice Changes Required in the Wake of the Mount Polley Mine Tailings Breach	14
November 22, 2017	Craig A. Wallace	Consultants' Liability for Field Review	24
December 15, 2017	Sarah Gaib	Ten Mile Slide – Overview of the Slide & Upcoming Stabilization Work	28
February 27, 2018	Jamie Sharp	Roberts Bank Terminal 2 - Site Investigation Case History	26
March 27, 2018	Dr. Cheng Lin	Sheet Pile Load Tests for Storm Surge Wall Design	17
May 22, 2018	Dr. Tom O'Rourke	Lessons Learned for Ground Movements and Soil Stabilization from the Boston Central Artery	25

**Section 6: Additional information or comments**

**Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**

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**Southern British Columbia (Vancouver) Section  
Annual Report July 1, 2017 to June 30, 2018**

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**Formal Section Name: Vancouver Geotechnical Society (VGS)**

**Section 1: General**

Date of this report: July 25, 2018  
Prepared by: Andrea Lougheed  
Section Director: Andrea Lougheed  
End of Section Director's Term: December 31, 2019  
Section's CGS web page address: [www.cgs.ca/section\\_vancouver.php](http://www.cgs.ca/section_vancouver.php)  
Is there a link from your separate Section website to the CGS website? Yes (<http://v-g-s.ca/>)

**Section 2: Current (Jan 1, 2018-Sept 2018) Executive Committee Members and their Affiliations**

Chair: Shane Magnusson (BGC Engineering)  
Past Chair: Chris Longley (Stantec)  
Program Director: Aran Thurairajah (Golder)  
Treasurer: Yoshi Tanaka (Kontur Geotechnical)  
Secretary: Ali Ghandeharioon (Klohn Crippen Berger)  
Registrar: Tim Morton (GHD)  
Web Manager: Marc Bossé (Thurber Engineering)  
CGS Section Director: Andrea Lougheed (BGC Engineering)  
Members at Large: Ryan Mills, Ali Amini, Mustapha Zergoun, Kumar S. Sriskandakumar, Carlie Tollifson, Olga Kosarewicz, Intisar Ahmed

VGS terms are from September 1 of every year. Executive Committee Members from September 1, 2018 to December 31, 2018 will be decided at the Annual General Meeting held in September 2018.

**Section 3: Number of Section Members (as of June 30, 2018)**

Executive Committee Members: 15 (1 is a student)  
Total members:  
    Regular: 202  
    Student: 13  
    Lifetime Member: 14  
    Total: 229

Total CGS members:

Does your section do anything specific to attract new members?

Can the National Office or newly formed Membership Committee help support your endeavours?

Comments:

- VGS doesn't go out of their way to attract new members.

**Section 4: Section Finances (as of June 30, 218)**

Account balance \$141,873.98  
Does your Section charge members an annual fee? Yes

If so, how much?

Regular: \$20, Students/Lifetime: Free

Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes

Is your Section aware of the CGS Lecture Supplement Program? Yes

Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? No

Comments:

- VGS is financially healthy

<b>Section 5: Section Activities, July 1, 2017 to June 30, 2018</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
Sept. 20 / 17	Ali Azizian	Evergreen Line Rapid Transit: Deep Foundation and Ground Improvement Solutions	55
Oct. 25 / 17	Jean-Marie Konrad	2017 Fall CCLT: Advances in Dam Design	77
Oct. 27 / 17	Dr. Ross Boulanger and Dr. Katerina Ziotopoulou	Short Course: PM4 Sand and Nonlinear Dynamic Modeling of Liquefaction during Earthquakes	57
Nov. 14 / 17	Guoxi Wu	Probability Approach for Ground and Structure Response to GSC 2015 Seismic Hazard Including Crustal and Subduction Earthquake Sources	65
Jan. 9 / 18	Lauren Hutchinson	VGS-TAC New Year's Party: Landslide Risk Reduction in Guatemala for Homeowners in Under-Privileged Areas	NK
Jan. 24 / 18	Kate Patterson	Study of Current State-of-Practice on Tailings Management Technologies	67
Feb. 21 / 18	Jamie Sharp	Roberts Bank Terminal 2 Site Investigation Case History	61
Mar. 15 / 18	Dr. Suzanne Lacasse	UBC Distinguished Lecture: Protecting Society from Landslide Risk	NK
May 2 / 18	Dr. Lukas Arenson	Mountain Permafrost Engineering and Mining	32
May 22 / 18	Dr. Thomas O'Rourke	2018 Spring CCLT: Lessons Learned for Ground Improvement and Soil Stabilization from the Boston Central Artery	41
Jun. 1 / 18	25 <sup>th</sup> Vancouver Geotechnical Society Symposium Program	Ground Improvement	185

NK – Not Known

### **Section 6: Additional information or comments**

- VGS is donating \$5000 to Interior BC, Prince George and Vancouver Island Sections (\$15,000 total). This is meant to provide more funds to other sections in the BC Region which generally cannot host large events (i.e. CGS conference) that help boost finances. The sections can spend the money as they feel is appropriate.
- VGS Scholarship at UBC was topped up by \$7000.
- A new scholarship was started at British Columbia Institute of Technology. This cost \$20,000.
- A vision, mission, objective statement was developed and approved to help guide new initiatives.
- An administration manual is in the works and the executive committee is targeting September for approval.
- Starting in September 2018, the executive committee will be expanded to include a Student Representative.

**Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**

No

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***Northern British Columbia (Prince George) Section  
Annual Report July 1, 2017 to June 30, 2018***

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**Formal Section Name: Prince George Geotechnical Society**

**Section 1: General**

Date of this report: July 11, 2018  
Prepared by: Warren Lemky  
Section Director: Warren Lemky, Chair  
End of Section Director's Term: December 2018  
Section's CGS web page address: [www.cgs.ca/section\\_prince\\_george.php](http://www.cgs.ca/section_prince_george.php)  
Is there a link from your separate Section website to the CGS website? No

**Section 2: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Warren Lemky, Ministry of Transportation and Infrastructure  
Past Chair/Treasurer: Dave McDougall, GeoNorth Engineering Ltd.  
Vice Chair: Vacant  
Secretary: Mark Dresen, GeoNorth Engineering Ltd.  
Member at Large: Doug Dewar, Spectra Energy – Vacant as of September 1, 2018  
Member at Large: Natasha Jmaeff, GeoNorth Engineering Ltd.  
Member at Large: Heidi Evensen, Ministry of Transportation and Infrastructure

**Section 3: Number of Section Members (as of June 30, 2018)**

Executive Committee Members: 6  
Total members: ~25  
Total CGS members: 20  
Does your section do anything specific to attract new members?  
Can the National Office or newly formed Membership Committee help support your endeavours?  
Our community is small and all geotechnical engineers are basically accounted for. We do no specific recruiting other than through the local firms.

**Section 4: Section Finances (as of June 30, 2018)**

Account balance \$2,037.71  
Does your Section charge members an annual fee? No  
If so, how much? N/A  
Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes  
Is your Section aware of the CGS Lecture Supplement Program? No  
Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? No

<b>Section 5: Section Activities, July 1, 2017 to June 30, 2018</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
Oct 30, 2017	Dr. Jean-Marie Konrad	Permeability Anisotropy in Compact Tills: Myth or Reality?	21
June 26, 2018	Dr. Thomas O'Rourke	Lessons Learned for Ground Movements and Soil Stabilization for The Boston Central Artery. The Boston Central Artery and Tunnel (CA/T) – Webcast rebroadcast of Vancouver Geotechnical Society Talk May 22, 2018	16

**Section 6: Additional information or comments**

- The Prince George Section is currently working with both the Vancouver and Edmonton Sections to try to establish webinar capabilities that would assist in us being able to hold many more events throughout the year. We have conducted one rebroadcast of the recent Spring CCLT through the VGS. Hopefully more information will come soon and more activities will occur in the future.

**Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**

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*Interior BC (Kelowna) Section  
Annual Report July 1, 2017 to June 30, 2018*

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**Formal Section Name: Interior Geotechnical Group**

**Section 1: General**

Date of this report: Feb. 28, 2018  
 Prepared by: Dwayne Tannant  
 Section Director: Dwayne Tannant  
 End of Section Director's Term: not sure  
 Section's CGS web page address: [www.cgs.ca/section\\_bc\\_interior.php](http://www.cgs.ca/section_bc_interior.php)  
 Last time your Section's CGS web page was updated: N/A  
 If your Section has a separate website, please provide address: N/A  
 Is there a link from your separate Section website to the CGS website? No

**Section 2: Past (as of Dec 31, 2017) Executive Committee Members and their Affiliations**

Chair:  
 Past Chair:  
 Vice Chair:  
 Secretary:

**Section 3: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Dr. Dwayne Tannant, UBC Okanagan  
Past Chair: Dr. Sumi Siddiqua, UBC Okanagan  
Vice Chair: N/A  
Secretary: N/A  
Treasurer: Glen Rutherford, Golder Associates

**Section 4: Number of Section Members (as of Dec 31, 2018)**

Executive Committee Members: 3  
Total members: email list with 80 addresses that work (diverse group of people)  
Total CGS members: 29

**Section 5: Section Finances (as of Dec 31, 2017)**

Account balance >\$4000 + \$5000 transfer planned from Vancouver Section  
Does your Section charge members an annual fee? No  
If so, how much?  
Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Not needed  
Is your Section aware of the CGS Lecture Supplement Program? No  
Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? None that I am aware of.

Comments:

- We are planning to arrange a lecture room to receive a web-cast of the CCL (Lessons Learned from Geotechnical Failures) this fall.

<b>Section 6: Section Activities, July 1, 2017 to December 31, 2017</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
Nov. 1, 2017	Dr. Daniele Giordan, CNR IRPI, Italy	Recent advances in landslide monitoring: from real time monitoring systems to results dissemination	~20

**Section 7: Additional information or comments**

**Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee or the CGS National Office?**

Let's only do these reports once/year



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**Northern Alberta & Territories (Edmonton) Section  
Annual Report July 1, 2017 to June 30, 2018**

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**Formal Section Name: Geotechnical Society of Edmonton**

**Section 1: General**

Date of this report: July 26, 2018  
Prepared by: Renato Macciotta  
Section Director: Renato Macciotta  
End of Section Director's Term: December 31, 2020  
Section's CGS web page address: [www.cgs.ca/section\\_northern\\_alberta.php](http://www.cgs.ca/section_northern_alberta.php)  
Is there a link from your separate Section website to the CGS website? N/A

**Section 2: Past (January 1, 2018 – June 30, 2018) Executive Committee Members and their Affiliations**

President: Kim Askew (BGC Engineering Inc.)  
Past President: Renato Macciotta (University of Alberta)  
Vice President: Patrick Mah (Advisian)  
Secretary: Delakshan Inparajah (AMEC Foster Wheeler)  
Program Chair: Hossein Kasani (University of Alberta)  
Treasurer: Alma Ornes (BGC Engineering Inc.)  
Member at Large: Murray Innes (Mobile Augers and Research Limited)  
Member at Large: Alister MacIsaac (OpSens)  
Member at Large: Paul Lach (City of Edmonton)  
Board Member (UoA): Michael Hendry (University of Alberta)  
Board Member (NAIT): Jeffrey Chapin (Northern Alberta Institute of Technology)  
Student Member: Haley Schafer (University of Alberta)  
CGS Section Director: Seán Mac Eoin (AECOM)  
Registration: Don Lewycky (Retired)  
Website: Ken Froese (Thurber Engineering Ltd.)

**Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations**

President: Patrick Mah – Advisian  
Vice President: Delakshan Inparajah – AMEC Foster Wheeler  
Program Chair: Courtney Mulhall – Klohn Crippen Berger  
Treasurer: Alma Ornes – BGC Engineering  
Secretary: Haley Schafer– University of Alberta  
Registrar: Don Lewycky  
Website: Ken Froese – Thurber Engineering  
Member at Large: Murray Innes – Mobile Augers  
Member at Large: Seán Mac Eoin – AECOM  
Member at Large: Allister MacIsaac – Prosolve  
Member at Large: Paul Lach – City of Edmonton  
Past President: Kim Askew – BGC Engineering  
University Representative: Michael Hendry – University of Alberta  
NAIT Representative: Jeff Chapin – NAIT

U of A Student Member: Jorge Rodriguez – University of Alberta  
 CGS Representative: Renato Macciotta – University of Alberta

**Section 3: Number of Section Members (as of June 30, 2018)**

Executive Committee Members: 14  
 Total members: 329 (= 59 students + 270 regular)  
 Total CGS members: 87

Does your section do anything specific to attract new members?

Can the National Office or newly formed Membership Committee help support your endeavours?

Comments:

- It is not possible to obtain the number of Student CGS members from the Society’s listing on the website.
- We hold two events each year together with the University of Alberta to attract new members.

**Section 4: Section Finances (as of June 30, 218)**

Account balance \$19,087.5 (as of December 29<sup>th</sup>, 2017 – last statement)  
 Does your Section charge members an annual fee? Yes  
 If so, how much? \$15 non CGS members, \$10 CGS members, \$5 students, \$0 retired members and Stan Thomson Awardees

Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes

Is your Section aware of the CGS Lecture Supplement Program? Yes

Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? Yes

Comments:

- We have a recallable loan for \$10,000.00

<b>Section 5: Section Activities, July 1, 2017 to June 30, 2018</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
19-Sep-2017	Dr. Jasmin Raymond - Colloquium	Assessment of the subsurface thermal conductivity for geothermal applications	25
28-Sep-2017	Kirk Scanlan, Morgenstern Award and Haley Schafer, CGS/CGC Sponsorship	Evaluating the Spatial Association between Degraded Ballast and Increased Track Geometry Variability AND Development of Soil Freezing Characteristic Curves for Mine Waste Tailings using TDR	62
23-Oct-2017	Dr. Jean-Marie Konrad - Fall 2017 CCLT	Advances in Dam Design	46
23-Nov-2017	Greg Hartman, Alberta Geological Survey	Making Map 605 – Using Machine Learning to Model the Spatial Distribution of Landslide Susceptible Terrain Across the Alberta Plains and Shield Regions	38
19-Jan-2018	Mr. Pete Barlow, M.Sc., P.Eng., BGC Engineering	“Reactivation of an Ancient Landslide Pipeline Rupture and Mitigation”	50
23-May-2018	Dr. Gregory Baecher, Ph.D., University of Maryland, AGM	“Geotechnical Risk Analysis and its History in Four Case Stories”	60

## Section 6: Additional information or comments

Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?

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**Southern Alberta (Calgary) Section  
Annual Report July 1, 2017 to June 30, 2018**

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**Formal Section Name: Calgary Geotechnical Society**

### Section 1: General

Date of this report: July 26, 2018  
Prepared by: Leanne McLaren  
Section Director: Leanne McLaren  
End of Section Director's Term: December 31, 2020  
Section's CGS web page address: [www.cgs.ca/section\\_southern\\_alberta.php](http://www.cgs.ca/section_southern_alberta.php)  
Is there a link from your separate Section website to the CGS website? Yes ([www.cgygeosociety.org](http://www.cgygeosociety.org))

### Section 2: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations

*January 1 – June 31, 2018*

Chair: Ertan Ozmen – Clifton Associates  
Past Chair: Samir Hebib – Bauer Foundations  
Vice Chair: Hamid Karimpour – Stantec  
Treasurer: Daniel G. Bertrand – Wood PLC  
Venue Coordinator: Aditi Khurana – Stantec  
Announcements: Remco Kleinlugtenbelt – Thurber Engineering  
Website: Dat Tran/Mauricio Pinheiro – Thurber Engineering  
Student Representative: Joshua Winfield – University of Calgary  
Members at Large: Chee Wong – University of Calgary  
Gennaro Esposito – Shell  
Peyman Tabatabai – E2K Engineering  
Carlos Ordonez – AMEC E&I  
Morteza Mohamadi –  
Scott McKean – University of Calgary  
Southern Alberta Regional Director: Leanne McLaren – Thurber Engineering

*September 1 – December 31, 2018*

Chair: Hamid Karimpour – Stantec  
Past Chair: Ertan Ozmen – Clifton Associates  
Vice Chair: Remco Kleinlugtenbelt – Thurber Engineering  
Treasurer: Daniel G. Bertrand – Wood PLC  
Venue Coordinator: Gennaro Esposito – Shell  
Announcements: Aditi Khurana – Stantec  
Website: Dat Tran/Mauricio Pinheiro – Thurber Engineering  
Student Representative: Scott McKean – Thurber Engineering/University of Calgary

Members at Large: Will Smith – BGC Engineering  
 Thomas Kujawa – Thurber Engineering  
 Melodie Tang – exp. Services  
 Masoumeh Saiyar – Hatch  
 Kshama Roy – Northern Crescent Inc.  
 Southern Alberta Regional Director: Leanne McLaren – Thurber Engineering

**Section 3: Number of Section Members (as of June 30, 2018)**

Executive Committee Members: 15

Total members: Unknown

Total CGS members: 106

Does your section do anything specific to attract new members? Advertise CGS membership at AGM.

Can the National Office or newly formed Membership Committee help support your endeavours? It could be helpful to get ideas for increasing membership.

Comments:

- Active members down 14 from previous year

**Section 4: Section Finances (as of June 30, 218)**

Account balance \$7,291.40

Does your Section charge members an annual fee? No

If so, how much? N/A

Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes

Is your Section aware of the CGS Lecture Supplement Program? Yes

Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? Yes

Comments:

- Our section will be requesting seed funding to assist with organization of GeoCalgary 2020
- Sponsorship letters will be sent out in September to assist in funding the annual lecture program as our funds are running low.

<b>Section 5: Section Activities, July 1, 2017 to June 30, 2018</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
September 20, 2017	Jasmin Raymond, Ph.D. – INRS	Colloquim Lecture Tour – Assessment of the Subsurface Thermal Conductivity for Geothermal Applications	unkn
October 24, 2017	Jean-Marie Konrad, Ph.D. – Université Laval	CCLT – Advances in Dam Design	58
November 21, 2017	Shuai (Marshal) Man, M.Sc. – University of Calgary	Student Paper Award Recipient – Crushing and Embedment of Proppants during High Stressed Rock-Proppant Interaction Test	10
January 23, 2018	Ertan Ozmen, M.Sc., P.E., P.Eng. – Clifton Associates	Fundamentals of Project Management and Financial Basics for Geotechnical Professionals	42
February 15, 2018	Vanessa Werden, LL.D. – SHK Law Corporation	Consultants' Liability for Field Review	24

March 20, 2018	Sam Proskin, Ph.D., P.Eng., - Thurber Engineering	Ice Roads and Mine Resupply – Lessons from the Tibbitt to Contwoyto Winter Road, NWT	27
April 17, 2018	Georgina Griffin, M.Eng., P.Eng. – Clifton Associates	Swelling and Shrinking Clays in Alberta	22
May 23, 2018	T.D. O'Rourke, Ph.D. – Cornell University	Ground Deformation Effects on Subsurface Pipelines and Infrastructure Systems	55
June 7, 2018	Mickey Davachi, Ph.D. – Wood PLC.	Diavik Diamond Mine in Northwest Territories, Canada	50

### Section 6: Additional information or comments

- Calgary has formed LOC for GeoCalgary 2020

### Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?

No

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### *Northern Saskatchewan (Saskatoon) Section Annual Report July 1, 2017 to June 30, 2018*

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### Formal Section Name: Saskatoon Geotechnical Group

#### Section 1: General

Date of report: July 26, 2018  
Prepared by: David Elwood  
Section Director: David Elwood  
End of Term of Director: 2019  
CGS website address: [www.cgs.ca/section\\_saskatoon.php](http://www.cgs.ca/section_saskatoon.php)  
We also have a new local website at [www.saskatoongeotech.com](http://www.saskatoongeotech.com) where we highlight upcoming events.

Last time your Section's CGS website was updated: Fall 2017, New executive.

#### Section 2: Executive members and their employers or, if students, universities

President Kyle Cator, Golder Associates Ltd  
Past President Chad Salewich, Cameco Corporation  
Vice President Adam Hammerlindl, University of Saskatchewan  
Treasurer Vanessa Pay, City of Saskatoon  
CGS Section Director David Elwood, University of Saskatchewan.  
U of S Liaison David Elwood, University of Saskatchewan  
Workshop Coordinator Jon Osback, Clifton Associates Ltd.  
Social Coordinator \* Communications Kyle Cator, Golder Associates Ltd  
U of S Student Liaison Bryce Marcotte, University of Saskatchewan  
Member at large Adam Gmeinweser, Thurber Engineering Ltd.  
Member at large Kyle Bruce, Thurber Engineering Ltd.

The SGG Executive met five times during the activity period.

### Section 3: Number of members

Executive members: 9  
Total members: ~ 100 members (we have dropped fees for membership)  
~ 20 student members  
Total CGS members: 25

### Section 4: Finances

Balance (as of July 26, 2018): \$ 8,500

Does your Section charge its members an annual fee? No

If so, how much?

Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes (we have not explored this option).

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? Yes (we have not explored this option).

Did your Section sponsor a Student/MIT to attend the last CGS Annual Conference (Admin Manual App 12)? Yes (Jonathan Wong, Bryce Marcotte and Haley Cunningham)

Is your Section planning to sponsor a Student/EIT to attend the next CGS Annual Conference? Yes

Comments:

- Janae Nixon
- Bryce Marcotte
- Kelvin Sattler – all three are presenting papers at the conference

### Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoEdmonton 2018? Yes

<b>Section 6: Activities</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
October 31st, 2017	Dr. Jean-Marie Konrad	Permeability Anisotropy in Compacted Tills: Myth or Reality? (CCLT)	~40
November 30, 2017	Jonathan Wong, Bryce Marcotte and Haley Cunningham	Presentation of their respective GeoOttawa papers	~25
January 30, 2018	Dr. David Elwood	A History of Edmonton LRT tunnels and construction	~50
February 26, 2018	Dr. Ian Fleming and Mr. Adam Hammerindl	University of Saskatchewan Geotechnical Laboratory: Specialized Geotechnical Testing	~40
March 14, 2018	Mr. Robin Tweedie, and Dr. Xiaobo Wang	Edmonton ICE District Towers - Foundation Design and Construction	~50
April 17, 2018	Dr. Hung Vue	Landslides Along the Provincial Highways in Southern Saskatchewan	~50
April 24, 2018	Dr. Ian Fleming	Geosynthetics Short Course	~20

We have moved our activities to a restaurant (Mano's) for lunchtime talks. The restaurant provides meals and the room for a small fee; all costs are designed to break even with supplements provided for student registrants.

## Section 7: Additional information or comments

### Awards, Donations and Events

- SGG Annual Scholarship – University of Saskatchewan: \$500.00

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***Southern Saskatchewan (Regina) Section  
Annual Report July 1, 2017 to June 30, 2018***

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**Formal Section Name: Regina Geotechnical Group**

### Section 1: General

Date of this report: 11 July 2018  
Prepared by: Jasyn Henry  
Section Director: Jasyn Henry  
End of Section Director's Term:  
Section's CGS web page address: [cgs.ca/section\\_regina.php](http://cgs.ca/section_regina.php)  
Is there a link from your separate Section website to the CGS website? No

### Section 2: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations

Chair: Harpreet Panesar, Ministry of Highways and Infrastructure  
Past Chair: Darrell Mihial, TetraTech  
Vice Chair: Vacant  
Section Director: Jasyn Henry, Water Security Agency  
Secretary: Anna Torgunrud, JD Mollard and Associates  
Program Director(s): Krystin Robinson, SNC Lavalin  
Communication Director: Heather Duncan, Clifton Associates Ltd  
University Representative: Alexander Gannochka, University of Regina  
Geoenvironmental Chair: Ryan Kozun, Clifton Associates Ltd.  
Geohazards Chair: Bret Dundas, SaskPower  
Linear Infrastructure Chair: Corey Gorrill, TransGas

### Section 3: Number of Section Members (as of June 30, 2018)

Executive Committee Members: 11  
Total members: 40+  
Total CGS members: 15+  
Does your section do anything specific to attract new members?  
Can the National Office or newly formed Membership Committee help support your endeavours?  
Comments:

- Yes, This year the RGG hosted a well attended (100+) event called GeoCelebration. We invited contractors, suppliers, academics, and practitioners to come together and celebrate the achievements of our industry. We

also had a keynote presentation to celebrate the life and legacy of Dr. Jack Mollard. I will try to get a Geotech News article written about this in the near future.  
The CGS sponsored the event for \$1,000

**Section 4: Section Finances (as of June 30, 218)**

Account balance \$45,268  
 Does your Section charge members an annual fee? No  
 If so, how much? N/A  
 Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes  
 Is your Section aware of the CGS Lecture Supplement Program? Yes  
 Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? Yes

<b>Section 5: Section Activities, July 1, 2017 to June 30, 2018</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
24 Oct 2017	Richard Sack	Basal Reinforced & Pile Supported Embankments	36
22 Nov 2017	Dr. David Elwood	Edmonton LRT Tunnels – A History and Comparison	36
14 Dec 2017	Chris Hill	How Dams Age	37
23 Jan 2018	Rashedul Chowdhury	North Commuter Parkway Bridge – Dynamic Load Testing and Foundation Challenges	37
21 Feb 2018	Ian Corne	Sub-Structure Erosion	36
15 March 2018	Other	GeoCelebration	100+
24 May 2018	Dr. Thomas O'Rourke	CCLT – Ground Deformation Effects on Subsurface Pipelines and Infrastructure Systems	30

**Section 6: Additional information or comments**

**Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**

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**Manitoba (Winnipeg) Section  
Annual Report July 1, 2017 to June 30, 2018**

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**Formal Section Name: Manitoba Section**

**Section 1: General**

Date of this report: July 31, 2018  
 Prepared by: Alena James  
 Section Director: Alena James  
 End of Section Director's Term: 2019  
 Section's CGS web page address: [www.cgs.ca/section\\_manitoba.php](http://www.cgs.ca/section_manitoba.php)  
 Is there a link from your separate Section website to the CGS website? No. It is presently being developed.



## Section 2: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations

Chair: Arjan Jianfar (Hatch)  
Past Chair: Arjan Jianfar (Hatch)  
Secretary: Jason Plohman (SNC Lavalin)  
Treasurer: Earl Marvin De Guzman (University of Manitoba)  
Program Director: David Anderson (KGS Group)  
Student Liaison: Dylan Stafford (U of Manitoba)  
Special Initiative Co-ordinator: Steve Harms (Trek Geotechnical)  
Webmaster: Kevin Baylis (Stantec)  
Special Events: David Flynn (KGS Group)

## Section 3: Number of Section Members (as of June 30, 2018)

Executive Committee Members: 8

Total CGS members: 59

Comments:

- Retired: 1
- Students: 7
- Regular: 51

Does your section do anything specific to attract new members? CGS Manitoba sends out email reminders and discusses membership benefits at the monthly presentations.

Can the National Office or newly formed Membership Committee help support your endeavours?

## Section 4: Section Finances (as of June 30, 218):

Account balance: \$47,724.07

Does your Section charge members an annual fee? No

Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes

Is your Section aware of the CGS Lecture Supplement Program? Yes

Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? Yes

<b>Section 5: Section Activities, July 1, 2017 to June 30, 2018</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
September 8, 2017	Dr. Dennis Becker, PhD, P.Eng (Golder Associates) – Short Course	Limit States Design as It Relates to Foundation Design in Canada	54
September 18, 2017	Dr. Jasmin Raymond, PhD, Ing (Institut National du la Recherche Scientifique) –Colloquium Lecture Tour	Assessment of Subsurface Thermal Conductivity for Geothermal Applications	31
October 11, 2017	Kayla Moore (University of Manitoba)	Geochemical Modelling of the Dissolution of Salt Minerals and Application to Geothermal Energy	26
November 1, 2017	Dr. Jean-Marie Konrad, PhD, Ing (Universite Laval) – Fall CCLT	Advances in Dam Design	49

December 6, 2017	Dr. Lukas Arenson, PhD, P.Eng (BGC Engineering)	Permafrost Engineering and Mining	30
January 30, 2018	Jeff Bell, P.Eng., G.E. (Friesen Drillers)	Development of a Water Supply in the Carbonate Aquifer for the City of Selkirk	31
March 1, 2018	Dr. Marolo Alfaro, PhD, P.Eng. (University of Manitoba)	Challenges and Innovations in Arctic Highways	40
March 29, 2018	Ray Offman, M.Sc., P.Eng (KGS Group)	Construction of a Large Diameter Tunnel Using Microtunnelling	32
April 24, 2018	Chad LePoudre, P.Eng. (SNC-Lavalin)	Tailings Failures Case Studies, Statistics and Failure Modes	30
May 25, 2018	Dr. Thomas O'Rourke, PhD, P.E. (Cornell University) – Spring CCLT	Lessons Learned for Ground Movements and Soil Stabilization from the Boston Central Artery	22
June 7, 2018	CGS Golf Tournament	In support of the Neil Burgess Scholarship Fund	58

### Section 6: Additional information or comments

- The Manitoba Section is considering developing a geo-referenced test hole database to update and enhance the existing information in the City of Winnipeg and provide a digital resource of subsurface information to geotechnical practitioners. The Manitoba Section has requested that the City of Winnipeg participate by allowing consultants to submit the sub-surface information they gather on public projects within Winnipeg, to the Manitoba Section of the CGS.
- The annual CGS golf tournament was held on June 7, 2018 in support of the Neil Burgess Memorial Scholarship Fund at the University of Manitoba. \$3000 was contributed to the scholarship in 2018.

### Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?

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*Northwestern Ontario (Thunder Bay) Section  
Annual Report July 1, 2017 to June 30, 2018*

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### Formal Section Name: Thunder Bay Section

#### Section 1: General

Date of this report: 2018-06-14  
Prepared by: Wesley Saunders  
Section Director: Wesley Saunders  
End of Section Director's Term: 2018  
Section's CGS web page address: [www.cgs.ca/section\\_thunder\\_bay.php](http://www.cgs.ca/section_thunder_bay.php)  
Is there a link from your separate Section website to the CGS website? No

#### Section 2: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations

Chair: Wesley Saunders (GKM Consultants)  
Past Chair: Dr. Eltayeb Mohamedelhassan (Lakehead University)  
Vice Chair: Vacant

Secretary: Vacant  
Treasurer: Mike Satten (Ministry of Transportation Ontario)

### Section 3: Number of Section Members (as of June 30, 2018)

Executive Committee Members: 3  
Total members: 8  
Total CGS members: 10

Does your section do anything specific to attract new members? No, not aside from continually inviting students and underrepresented companies to come to events.

Can the National Office or newly formed Membership Committee help support your endeavours? Maybe, not certain on how though.

### Section 4: Section Finances (as of June 30, 2018)

Account balance \$143.92  
Does your Section charge members an annual fee? No  
If so, how much? \$

Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes

Is your Section aware of the CGS Lecture Supplement Program? Yes

Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? No

Section 5: Section Activities, July 1, 2017 to June 30, 2018			
Date	Speaker/Other	Topic/Subject	Attendance
2017-11-02	Rob Kenyon	Rehabilitating the Hardy Dam for stability and seepage control	14
		Evaluating the performance of the Lower Assiniboine diking system in response to the record flooding of 2011	14

### Section 6: Additional information or comments

### Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?

- We find it very challenging to host speaker events at a price point that is attractive to members and non-members. Typically, we have to rely on financial support from CGS National or another CGS section (Thank you Alena James and Kent Bannister for helping arrange to bring Rob Kenyon and Rick Donnelly to Thunder Bay for presentations in 2017)

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**Northeastern Ontario (Sudbury) Section  
Annual Report July 1, 2017 to June 30, 2018**

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**Formal Section Name: Sudbury Section**

### Section 1: General

Date of this report: July 25, 2018

Prepared by: André Bom  
 Section Director: André Bom  
 End of Section Director's Term: undetermined at this time  
 Section's CGS web page address: [www.cgs.ca/section\\_sudbury.php](http://www.cgs.ca/section_sudbury.php)  
 Is there a link from your separate Section website to the CGS website?

**Section 2: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations (employers or, if students, universities)**

Chair: André Bom (Golder Associates)  
 Past Chair:  
 Vice Chair:  
 Secretary:  
 North Bay Liaison/Support: Amy Adams (Knight Piésold Ltd) and Ryan Lyle (Cementation Canada Inc.)  
 Sudbury Support: Aronne-Kay De Souza (Golder Associates)

**Section 3: Number of Section Members (as of June 30, 2018)**

Executive Committee Members: 1  
 Total members:  
 Total CGS members: 14  
 Does your section do anything specific to attract new members?  
 Can the National Office or newly formed Membership Committee help support your endeavours?

**Section 4: Section Finances (as of June 30, 218)**

Account balance \$60  
 Does your Section charge members an annual fee? No  
 If so, how much?  
 Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes  
 Is your Section aware of the CGS Lecture Supplement Program? Yes  
 Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? No

**Section 6: Additional information or comments**

<b>Section 5: Section Activities, July 1, 2017 to June 30, 2018</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
Sept 19/17	Dr. Jasmin Raymond, géo - Attended Geotechnical Society of Edmonton event by webex	Thermal Conductivity for Geothermal Applications	1
April 25, 2018	Dr. Ming Cai	Recent research in rock mechanics and rock engineering	19 Sudbury 13 North Bay (by video conference)

**Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**

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**Southwestern Ontario (London) Section  
Annual Report July 1, 2017 to June 30, 2018**

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**Formal Section Name:** London & District Section of the Canadian Society for Civil Engineering (CSCE) and Canadian Geotechnical Society (CGS)

**Section 1: General**

Date of this report: July 25, 2018  
Prepared by: Andrew Stewart  
Section Director: Andrew Stewart  
End of Section Director's Term: 2020 (serving a double term until a volunteer is found)  
Section's CGS web page address: [www.cgs.ca/section\\_london.php](http://www.cgs.ca/section_london.php)  
Last time your Section's CGS web page was updated: 2018  
If your Section has a separate website, please provide address: [www.csce-cgs-london.org/](http://www.csce-cgs-london.org/)  
Is there a link from your separate Section website to the CGS website? Yes

**Section 2: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Julian N. Novick, P.Eng. Wastell Homes  
Past Chair: Stephanie Dalo, AECOM  
Vice Chair: Khalid Backtash, MTO  
Secretary: Jon Southen, University of Western Ontario  
Treasurer: Grant Strachan, AECON  
Vice-treasurer: John Gawley, Dillon Consulting Ltd.  
Communications: Azmi Hammoud, Professor at Fanshawe College.  
CGS Representative: Andrew Stewart, Englobe  
CSCE Ontario Region Treasurer: Andy Turnbull, MTO  
City Representative: Paul Choma, City of London  
Western Faculty Representative: Mike Bartlett University of Western Ontario  
Western Society of Civil Engineers (WSCE) Representative: Tyler Williams, WSCE President  
Western Graduate Representative: Hayley Wallace: University of Western Ontario  
Young Professionals Representative: Tucker Morton, Dillon Consulting Ltd.

**Section 3: Number of Section Members (as of June 30, 2018)**

Executive Committee Members: 14  
Total members: Aprox. 300  
Total CGS members (if possible student and non-student members): 30

**Section 4: Section Finances (as of July 25, 2018)**

Account balance: approximately \$9,413.92  
Does your Section charge members an annual fee? No  
If so, how much? N/A  
Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes  
Is your Section aware of the CGS Lecture Supplement Program? Yes  
Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? No

<b>Section 5: Section Activities, July 1, 2017 to December 31, 2017</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
20-Sep-17	Dr. Mohammad Reza Najafi, Western	Anthropogenic influence on flooding and water shortages	20
18-Oct-17	Keith Foster, P.Eng., Englobe Corp.	Niagara Tunnel Project, Quality Management & Quality Assurance Inspection and Testing	19
15-Nov-17	Senator Dr. Rosa Galvez, Ph.D., P.Eng., Laval University	Lac Megantic Cleanup (CSCE NLT)	38
17- Jan -18	Doug MacRae, P.Eng., City of London	Bike Master Plan	25
21-Feb-18	Richard Hammond, Cornerstone Architecture	Western LEED Platinum Building	19
21-Mar-18	Western Students Presentation Connor Barr, Emre Serpkenci & Shannon Nieweglowski, Alex O'Donnell	SOHO Pedestrian Bridge Chippewa of the Thames First Nation Drinking Water Treatment System	25
18-Apr-18	Kelly Scherr, P.Eng., City of London	London's Infrastructure: Challenges and Opportunities.	35

**Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee or the CGS National Office?**

No

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***Southern Ontario (Toronto) Section  
Annual Report July 1, 2017 to June 30, 2018***

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**Formal Section Name: Southern Ontario Section**

**Section 1: General**

Date of this report: 15 July 2018  
 Prepared by: Billy Singh  
 Section Director: Billy Singh  
 End of Section Director's Term: 31 December 2020  
 Section's CGS web page address: [www.cgs.ca/section\\_southern\\_ontario.php](http://www.cgs.ca/section_southern_ontario.php)  
 Last time your Section's CGS web page was updated: 2018  
 If your Section has a separate website, please provide address: [cgs-sos.ca/](http://cgs-sos.ca/)  
 Is there a link from your separate Section website to the CGS website? Yes

**Section 2: Past (as of Dec 31, 2017) Executive Committee Members and their Affiliations**

Chair: Masoud Manzari, Thurber Engineering

Section Director: Andrew Drevininkas, TTC  
 Vice Chair: N/A  
 Special Event and Secretary: Lucie Clatworthy, Hatch  
 Treasurer: Veronica Ayetan, MTO  
 Sponsorship: Jason Bindseil, EBS Geostuctural  
 Membership and Awards: Farsheed Bagheri, SNC Lavalin  
 Student Liaison: Mason Ghafghazi, University of Toronto  
 Communication: Ali Varshoi, Golder Associates  
 Event Coordinator: Meysam Najari, Sirati & Partners Consultants  
 Event Coordinator: Robert Moen, GKM Consultants  
 Event Coordinator: Naeem Ehsan, DS Consultants Limited  
 Promotion and Outreach: Jyoti Grewal, AGAT  
 Student Member: Ali Jahanfar, University of Toronto

**Section 3: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Masoud Manzari, Thurber Engineering / Jason Bindseil, EBS Geostuctural  
 Section Director: Billy Singh, Terraprobe  
 Vice Chair: N/A  
 Special Event and Secretary: Lucie Clatworthy, Hatch  
 Treasurer: Veronica Ayetan, MTO  
 Sponsorship: Jason Bindseil, EBS Geostuctural / Matt MacIntosh, Sponsorship  
 Membership and Awards: Farsheed Bagheri, SNC Lavalin / Hafeez Baba, SNC Lavalin  
 Student Liaison: Mason Ghafghazi, University of Toronto / Ali Nasser-Moghaddam, GHD  
 Communication: Ali Varshoi, Golder Associates  
 Event Coordinator: Meysam Najari, Sirati & Partners Consultants / Pouya Pishgah, Thurber Engineering  
 Event Coordinator: Robert Moen, GKM Consultants  
 Event Coordinator: Naeem Ehsan, DS Consultants Limited, Kanex Bala, EXP  
 Promotion and Outreach: Meysam Najari, Sirati and Partners Consultants  
 Student Member: Ali Jahanfar, University of Toronto / Sebnem Boduroglu, York University

**Section 4: Number of Section Members (as of June 30, 2018)**

Executive Committee Members:	13
Total members:	~300
Total CGS members:	229

**Section 5: Section Finances (as of June 30, 2018)**

Account balance	\$40,009.17
Does your Section charge members an annual fee?	No
If so, how much?	N/A
Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)?	Yes
Is your Section aware of the CGS Lecture Supplement Program?	Yes
Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)?	No

<b>Section 6: Section Activities, July 1, 2017 to December 31, 2017</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
August 11, 2017	n/a	9 <sup>th</sup> Annual Golf Tournament	114
September 20, 2017	Dr. John Harrison	EUROCODE 7: An Accidental Design Code?	128
October 18, 2017	Dr. Jean-Marie Konrad	CCLT: Advances in Dam Design	121
November 15, 2017	Dr. Malcolm Bolton	Performance-based Design in Geotechnical Engineering	152
December 11, 2017	Mr. Mario Ruel	The Cote-Nord Mining Railway – Geotechnical and Construction Challenges of a Tough Project	254
January 17, 2018	Not Applicable	Graduate Student Competition	70
February 21 and 22, 2018	Dr. John Adams, Dr. Ali Nasser-Moghaddam, Mr. Michael Snow, Dr. Mason Ghafghazi and Dr. Alex Sy	Two-day workshop: Earthquake Design in Geotechnical Engineering and Ontario's Seismic Design Code	108
March 21, 2018	Dr. Gholamreza Mesri	Primary Compression, Secondary Compression and the Suklje Isotaches	156
April 18, 2018	Mr. Fred Matich and Mr. John Seychuk	Reflections on Dispute Resolution in Geotechnical Engineering Practice – “Real Street” Experiences	152
May 16, 2018	Dr. David Rogers	Rogers' Rules of GeoEngineering	234
July 25, 2018	Mr. Tony Sangiuliano, Dr. Yogi Yogendrakumar, Mr. Denny Kort, Mr. Naresh Gursaud and Mr. Wesley Saunders	1 <sup>st</sup> Summer Workshop: Pile Capacity Verification and Testing Methods	103

### **Section 7: Additional information or comments**

- Section proceeding with incorporation of CGS-SOS

### **Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee or the CGS National Office or fellow Board members?**

CGS-SOS is working on a proposal to live broadcast select monthly lectures to other small chapters in Ontario for submission to the CGS Executive Committee/National Office. It should be noted that financial support from the CGS National will be required to partially cover the costs associated with moving the events to a venue with internet access and to the purchase of equipment. The CGS-SOS is open to a partial contribution to these additional costs.

CGS-SOS membership also wants to bring to the attention of CGS Executive Committee/National Office that despite the fact that CGS-SOS is the biggest chapter/section of the CGS in Canada, the representation of CGS-SOS on the CGS National Executive Committee has been virtually little to non-existent for a last number of years. As a society representing entire Canada with numerous local chapters and sections, it would be more effective, appropriate and inclusive if the CGS executive committee comprises a good representation across Canada including CGS-SOS even if it requires increasing the total number of executive committee officers.



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**Southeastern Ontario (Kingston) Section  
Annual Report July 1, 2017 to June 30, 2018**

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**Formal Section Name: Kingston Section**

**Section 1: General**

Date of this report: July 18, 2018  
Prepared by: Dylan Hill  
Section Director: Dylan Hill  
End of Section Director's Term: December 31, 2018  
Section's CGS web page address: [www.cgs.ca/section\\_kingston.php](http://www.cgs.ca/section_kingston.php)  
Is there a link from your separate Section website to the CGS website? No

**Section 2: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Dylan Hill, Malroz Engineering Inc.  
Past Chair: Nicholas Vlachopoulos, RMC  
Vice Chair: N/A  
Secretary: N/A  
Treasurer: Maria Skordaki, RMC  
Members: David Hodgson, Malroz Engineering Inc.  
David Gauthier, BGC Engineering  
Students: Timothy Packulak, Queen's University

**Section 3: Number of Section Members (as of June 30, 2018)**

Executive Committee Members: 6  
Total members: ~120  
Total CGS members: 62  
Does your section do anything specific to attract new members?  
Can the National Office or newly formed Membership Committee help support your endeavours?  
Comments:  

- Not specifically, other than advertisement of our talks via Queen's/RMC Geo-Eng. Centre.

**Section 4: Section Finances (as of June 30, 218)**

Account balance \$10,000.00 (approx.)  
Does your Section charge members an annual fee? No  
If so, how much? N/A  
Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes  
Is your Section aware of the CGS Lecture Supplement Program? Yes  
Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? Yes

Comments:  

- The section raises funds via sponsorship of area consulting engineering firms and other businesses involved in or related to geo-engineering practice.

- The section executive has unanimously agreed that it will again this year be providing financial sponsorship to the winner of the annual Michael Bozozuk student forum to attend the CGS national conference in Edmonton.

<b>Section 5: Section Activities, July 1, 2017 to June 30, 2018</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
September 27, 2017	Dr. Alan Keith Turner	Applying 3-D geological Modelling to Infrastructure Design	20
October 1-4, 2017	N/A	Section exec. members and sponsored student attend GeoOttawa conference	6
October 17, 2017	Dr Jean-Marie Konrad	Fall CCLT: Permeability Anisotropy in Compacted Tills	21
November 17, 2017	Dr. Malcom Bolton	How can we improve the reliability of geotechnical designs?	25
February 1, 2018	Dr. Adam Coulson, Elaine Cabot	Using in-situ stresses and statistical approach to reduce sewer and storm water overflow	30
June 4, 2018	Giuseppe M. Gaspari	Deep Excavations in Urban Areas – design aspects, construction methods, major challenges. Case histories from Singapore to Istanbul, from Italy to Canada (joint /w TAC)	30
June 27, 2018	Louis-Pierre Gregoire	Top 10 Hits to Avoid the Pits in Tendering (joint /w Kingston Homebuilders Association LDG)	18

#### **Section 6: Additional information or comments**

- Specific CGS activities for the period are listed in the Section 6 table. The Kingston section also supports and disseminates information about student presentations and guest speakers to our mailing list from the Queen's-RMC Geo-Engineering Centre, as a part of its ongoing graduate studies program. The current section director, past director and several executive members attended the 2017 Canadian Geotechnical Conference, GeoOttawa, in addition to the sponsored student.

**Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**

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***Eastern Ontario (Ottawa) Section  
Annual Report July 1, 2017 to June 30, 2018***

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**Formal Section Name: Ottawa Geotechnical Group**

#### **Section 1: General**

Date of this report: July 07, 2018  
 Prepared by: Mohammad Rayhani  
 Section Director: Mohammad Rayhani  
 End of Section Director's Term: December 2018  
 Section's CGS web page address: [www.cgs.ca/section\\_ottawa.php](http://www.cgs.ca/section_ottawa.php)  
 Is there a link from your separate Section website to the CGS website? Yes ([www.ottawageotechnicalgroup.ca](http://www.ottawageotechnicalgroup.ca))

## **Section 2: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Julio Infante Sedano (until June 2018) and Kenton Power (started July 2018)

Past Chair: Julio Infante Sedano

Vice Chair: N/A

Secretary: Bruce Campbell

Advisor: Gerry Webb

Treasurer: Matt Kennedy

CGS Section Director: Mohammad Rayhani

Exec. Member: Nell van Walsum

Exec. Member: Sean Sterling

Exec. Member: Mamadou Fall

Exec. Member: Paul Simms

Exec. Member: Steve Gaines

Student Member: Imad Alainachi

## **Section 3: Number of Section Members (as of June 30, 2018)**

Executive Committee Members: 12

Total members: 100

Total CGS members: 51

Does your section do anything specific to attract new members?

Can the National Office or newly formed Membership Committee help support your endeavours?

## **Section 4: Section Finances (as of June 30, 218)**

Account balance \$ 14,000

Does your Section charge members an annual fee? Yes

If so, how much? \$20

Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes

Is your Section aware of the CGS Lecture Supplement Program? Yes

Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? Yes

<b>Section 5: Section Activities, July 1, 2017 to June 30, 2018</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
Sep. 14, 2017	River Tour	Kick-off Social Event	36
Oct. 17, 2017	Jean-Mary Konrad	Advances in Dam Design	32
Nov. 14, 2017	Ning Guo	Computational Multiscale Modelling of Granular Materials	35
Jan. 24, 2018	Naresh Gursaud	Specialty Grouting and Ground Improvement – Techniques & Case Histories	30
Feb. 21, 2018	Brad Carew	City of Ottawa, Soil Management Guidelines	-
March 07, 2018	Student Forum	Carleton University	36
April 25, 2018	Ian Moore	Underground Infrastructure Systems	38
May 18, 2018	Tim D. O'Rourke	Lessons Learned for Ground Movements and Soil Stabilization from The Boston Central Artery".	38
June 7, 2018	Chris Phillips and Norm Christie	Annual Banquet: Beaches and Battlefields	32

### **Section 6: Additional information or comments**

**Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**

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***Western Québec (Montréal) Section  
Annual Report July 1, 2017 to June 30, 2018***

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### **Section Name: Western Québec Section**

#### **Section 1: General**

Date of report: 7/30/2018  
 Prepared by: Dany Brault, François Duhaime, Michael James  
 Section Chair: Michael James

1) What is the mission statement, or main purpose, of your Committee? Has it changed?

We do not have a formal mission statement.

2) List one, or two or three (or more) specific things that your Committee will be working on, or wishes to accomplish, during the next CGS year (July 1, 2017 to June 31, 2018).

- Increase enrollment, especially younger members.
- 1/2 and 1-day courses and seminars on technical subjects of interest to the membership.

#### **Section 2: Current (Jan 1, 2018 - Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair : Francois Duhaime (École de technologie supérieure)  
 Vice Chair : Alain Plaisant (WSP)  
 Director : Michael James (SNC-Lavalin)

Treasurer : Dany Brault (GHD)  
 Communication : Bibiana Narvaez (Ministère des Transports du Québec)  
 Administration : Philippe Legault-Capozio (NCL Envirotek)  
 Secretary: Frederick Bolduc (Agnico Eagle)  
 Program: Gholamreza Saghaee (McGill)  
 Student member: Simon-Pierre Tremblay (Sherbrooke University)

**Section 3: Number of Committee Members (as of June 30, 2018)**

Executive Committee Members: 9  
 Total members: 9

**Section 4: Is your Committee affiliated with other organizations?**

No

**Section 5: Committee Finances (as of June 30, 2018)**

Account Balance: 22768.49 \$

Comments (point form)

- Annual dinner (event held in june) income and expenses to be tabulated in July.

**Section 6: Activities in past year (July 1, 2017 to June 30, 2018)**

Date	Speaker/Other	Topic/Subject	Attendance
28-09-2017	Mourad Karray	La vitesse des ondes de cisaillement, Vs – Le paramètre d'avenir en géotechnique	45
12-10-2017	Frédéric-Victor Donzé	Aléas gravitaires au Kirghizistan : un scénario catastrophe permanent	35
19-10-2017	Jean-Marie Konrad	Advances in dam design	50
12-10-2017	Frédéric-Victor Donzé	Couplage de données photogrammétriques avec un modèle d'éléments discrets pour l'évaluation de la stabilité de parois rocheuses	5
23-11-2017	Serge Leroueil	On peut faire mieux	45
5-02-2018	Richard Fortier	Analyse et interprétation d'essais de pénétration au piézocône électrique dans le pergélisol riche en glace	40
23-02-2018	Naresh Gurbarsud	Specialty Grouting and Ground Improvement –Techniques & Case Histories	35
13-03-2018	Raymond Haché	Certains défis imposés par les argiles marines de l'Est du Canada: la perspective d'un consultant	45
29-03-2018	Concours Branko Ladanyi	Gagnant : Masood Meidani (McGill)	30
14-05-2018	Tom O'Rourke	CCLT – Lessons Learned for Ground Movements and Soil Stabilization from The Boston Central Artery	50
08-06-2018	Suzanne Lacasse	Annual Supper/Presentation : Méthode probabiliste	100

## Section 7: Additional information or comments

Section 8. Do you have any specific questions or issues that you would like to bring to the attention of the VP Technical, the CGS National Office or fellow Board members?

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**Section régionale de l'Est-du-Québec**  
**Rapport annuel du 1<sup>er</sup> juillet 2017 au 30 juin 2018**

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**Nom officiel de la section: Section régionale de l'Est-du-Québec**

### Section 1: Généralité

Date du rapport : 30 juillet 2018  
Préparé par : Ariane Locat  
Directeur régional : Ariane Locat  
Fin du terme du directeur : 2018  
Site web de la section : [www.cgs.ca/section\\_east\\_quebec.php](http://www.cgs.ca/section_east_quebec.php)  
Is there a link from your separate Section website to the CGS website? Yes  
Y a-t-il un lien sur le site web de la section qui dirige vers le site internet de la SCG ? Oui

### Section 2: Membres actuels (1 janvier, 2018-31 décembre, 2018) de l'exécutif et leur affiliation

Présidente : Julie Therrien, Ministère des Transports, de la Mobilité durable et de l'Électrification des transports (MTMDET)  
Secrétaire : Sarah Bouchard, étudiante au doctorat Université Laval, SNC-Lavalin-Québec  
Communications : Sandra Veillette, étudiante à la maîtrise Université Laval, MTMDET  
Trésoriers : Thomas Fournier and Alexis Fortin, MTMDET  
Logistiques : Vincent Castonguay, étudiant au doctorat Université Laval  
Représentant étudiant : Frédérique Tremblay-Auger, étudiante au doctorat Université Laval  
Directrice de la section : Ariane Locat, Université Laval  
Membres : Catherine Cloutier, MTMDET  
Olivier Juneau, LEQ  
Jonathan Leblanc, SNC-Lavalin-Québec  
Valérie Michaud, SNC-Lavalin-Saguenay  
Pierre-Oliver Maltais, WSP  
Janelle Potvin, MTMDET

### Section 3: Nombre de membre (en date du 30 juin, 2018)

Membre de l'exécutif : 14  
Membres total (si possible, membres étudiants et non-étudiants) : 321  
Membre de la SCG (si possible, membres étudiants et non-étudiants) : 48  
Est-ce que votre section fait quelque chose de spécifique pour attirer de nouveaux membres? Est-ce que le bureau national ou le nouveau comité à l'adhésion peut aider à supporter vos efforts? Nous publions nos propres infolettres 3 à 4 fois par année et nous donnons des attestations de participation suite à nos conférences pour les membres de la SCG seulement.

#### Section 4: Finances (en date du 30 juin, 2018)

Solde du compte : \$13 244,43

Solde du compte d'épargne : \$ 90 437,08

Total : \$ 103 681,51

Est-ce que votre section facture des frais annuels? Non

Si oui, combien?

Est-ce que votre section est au courant que la SCG peut apporter une assistance financière aux sections? Oui

Est-ce que votre section est au courant du programme de supplément de conférence de la SCG? Oui

Est-ce que votre section planifie commanditer un étudiant pour assister à la conférence GeoEdmonton 2018? Oui

<b>Section 5: Activités de la section, 1<sup>er</sup> juillet, 2017 au 30 juin, 2018</b>			
<b>Date</b>	<b>Conférencier/autre</b>	<b>Sujet</b>	<b>Présence</b>
2017-09-12	Jasmin Raymond	Évaluation de la conductivité thermique de la sous-surface appliquée en géothermie	29
2017-10-12	Jean-Marie Konrad	CCLT – An engineering framework for particle breakage in granular soils	41
2017-11-16	Mario Ruel	Le nouveau lien ferroviaire de la Côte-Nord : Défis et enjeux d'un grand projet	54
2017-11-27	Jeremy Magnon	L'Analyse des ondes de surface pour l'ingénieur (sismique active et passive)	31
2017-12-06	Karine Bélanger, Vincent Castonguay & Valérie St-Gelais	Conférence des étudiants boursiers de la section locale	37
2018-01-18	Denis LeBoeuf	Liquéfaction et mobilité cyclique des silts et argiles de l'est du Canada	88
2018-04-04	Marie-Hélène Picard	Projet Whabouchi : de la fermeture à la conception de la halde de co-disposition (stérile miniers et résidus filtrés)	22
2018-04-30	Richard Fortier	Analyse et interprétation d'essais de pénétration au piézocône électrique dans le pergélisol riche en glace	44
2018-05-17	Thomas O'Rourke	CCLT- Lessons learned for ground movements and soil stabilization from the Boston Central Artery	24
2018-05-29	5@7 Reconnaissance	Remise du prix de la section et du prix Pierre-Larochelle	20

#### Section 6 : Information additionnelles et commentaires

- Bourses/subventions données par la Section régionale de l'Est du Québec pour aider les étudiants et les jeunes professionnels à participer à des conférences et cours intensifs:
  - \$ 712,47 Prix Pierre-Larochelle 2017 donné à Valérie St-Gelais (étudiante commanditée pour assister à GeoOttawa);
  - \$ 500 Bourse CFC1 2017 donnée à Catherine Cloutier, MTMDET;
  - \$ 500 Bourse CFC2 2017 donnée à Vincent Castonguay, étudiant au doctorat à l'Université Laval
  - \$ 500 Bourse donnée à François Huchet, étudiant à la maîtrise à l'INRS pour assister à GeoOttawa

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**Eastern Québec (Québec) Section**  
**Annual Report July 1, 2017 to June 30, 2018**

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**Formal Section Name: Eastern Québec Section**

**Section 1: General**

Date of this report: July 30<sup>th</sup> 2018  
Prepared by: Ariane Locat  
Section Director: Ariane Locat  
End of Section Director's Term: 2018  
Section's CGS web page address: [www.cgs.ca/section\\_east\\_quebec.php](http://www.cgs.ca/section_east_quebec.php)  
Is there a link from your separate Section website to the CGS website? Yes

**Section 2: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations (employers or, if students, universities, to be posted on your Section webpage)**

Chair: Julie Therrien, Ministère des Transports, de la Mobilité durable et de l'Électrification des transports MTMDET  
Secretary: Sarah Bouchard, PhD student Université Laval, SNC-Lavalin-Québec  
Communications: Sandra Veillette, master student Université Laval, MTMDET  
Treasurer: Thomas Fournier and Alexis Fortin, MTMDET  
Logistic: Vincent Castonguay, PhD student Université Laval  
Student Representative: Frédérique Tremblay-Auger, PhD student Université Laval  
Section Director : Ariane Locat, Université Laval  
Members: Catherine Cloutier, MTMDET  
Olivier Juneau, LEQ  
Jonathan Leblanc, SNC-Lavalin-Québec  
Valérie Michaud, SNC-Lavalin-Saguenay  
Pierre-Oliver Maltais, WSP  
Janelle Potvin, MTMDET

**Section 3: Number of Section Members (as of June 30, 2018)**

Executive Committee Members: 14  
Total members: 321  
Total CGS members: 48  
Does your section do anything specific to attract new members?  
Can the National Office or newly formed Membership Committee help support your endeavours?  
We publish our own newsletters 3 or 4 times a year. We give a certification for our conferences for CGS members only.

**Section 4: Section Finances (as of June 30, 2018)**

Account balance \$13 244.43  
Saving account balance \$ 90 437.08  
Total \$ 103 681.51  
Does your Section charge members an annual fee? No  
If so, how much? N/A



Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes  
 Is your Section aware of the CGS Lecture Supplement Program? Yes  
 Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? Yes

<b>Section 5: Section Activities, July 1, 2017 to June 30, 2018</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
2017-09-12	Jasmin Raymond	Évaluation de la conductivité thermique de la sous-surface appliquée en géothermie	29
2017-10-12	Jean-Marie Konrad	CCLT – An engineering framework for particle breakage in granular soils	41
2017-11-16	Mario Ruel	Le nouveau lien ferroviaire de la Côte-Nord : Défis et enjeux d'un grand projet	54
2017-11-27	Jeremy Magnon	L'Analyse des ondes de surface pour l'ingénieur (sismique active et passive)	31
2017-12-06	Karine Bélanger, Vincent Castonguay & Valérie St-Gelais	Conférence des étudiants boursiers de la section locale	37
2018-01-18	Denis LeBoeuf	Liquéfaction et mobilité cyclique des silts et argiles de l'est du Canada	88
2018-04-04	Marie-Hélène Picard	Projet Whabouchi : de la fermeture à la conception de la halde de co-disposition (stérile miniers et résidus filtrés)	22
2018-04-30	Richard Fortier	Analyse et interprétation d'essais de pénétration au piézocone électrique dans le pergélisol riche en glace	44
2018-05-17	Thomas O'Rourke	CCLT- Lessons learned for ground movements and soil stabilization from the Boston Central Artery	24
2018-05-29	5@7 Reconnaissance	Section and Pierre-Larochelle awards ceremony	20

### **Section 6: Additional information or comments**

- Scholarships/grants given by Section régionale de l'Est du Québec to help students and young professionals to attend conference and short courses:
  - \$ 712.47 Prix Pierre-Larochelle 2017 given to Valérie St-Gelais (sponsored student to attend GeoOttawa)
  - \$ 500 CFC1 2017 scholarship given to Catherine Cloutier, MTMDET
  - \$ 500 CFC2 2017 scholarship given to Vincent Castonguay, PhD student at Université Laval
  - \$ 500 scholarship to attend GeoOttawa given to François Huchet, master student at INRS

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**New Brunswick (Fredericton) Section**  
**Annual Report July 1, 2017 to June 30, 2018**

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**Formal Section Name: New Brunswick Section**

**Section 1: General**

Date of this report: 8/7/18  
Prepared by: Chris McQueen  
Section Director: Chris McQueen  
End of Section Director's Term: 12/31/19  
Section's CGS web page address: [www.cgs.ca/section\\_new\\_brunswick.php](http://www.cgs.ca/section_new_brunswick.php)  
Is there a link from your separate Section website to the CGS website? N/A

**Section 2: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Chris McQueen, Stantec Consulting Ltd.  
Past Chair: Ben McGuigan, GEMTEC Ltd.  
Vice Chair: Sam Oshanti, GEMTEC Ltd.  
Secretary: Christiane Levesque, Measurand, inc  
Treasurer: Rochelle Staples, Stantec Consulting Ltd.

**Section 3: Number of Section Members (as of June 30, 2018)**

Executive Committee Members: 5  
Total members: 15 (active)  
Total CGS members: 15 (active)

Does your section do anything specific to attract new members?

Can the National Office or newly formed Membership Committee help support your endeavours?

Our recruiting efforts have been predominantly through CGS Cross Canada Lecture Tour events as well as follow up emails and phone calls to colleagues and former members. We would welcome the assistance of the Membership Committee.

Comments:

- We'd be interested to hear what other sections are doing to improve enrollment.

**Section 4: Section Finances (as of June 30, 218)**

Account balance \$ 466.93  
Does your Section charge members an annual fee? No  
If so, how much? N/A

Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes

Is your Section aware of the CGS Lecture Supplement Program? Yes

Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)?

No, not for 2018. Our intention is to search for an advanced degree student who is willing to present a research topic at the annual event in 2019 since abstract were due in January.

<b>Section 5: Section Activities, July 1, 2017 to June 30, 2018</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
5/17/18	Dr. Tom O'Rourke	Lessons Learned from Ground Movements and Soil Stabilization on the Boston Central Artery	20

**Section 6: Additional information or comments**

- We did not host a speaker for the 2017 fall lecture tour

**Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**

Is there any discussion or availability of promotional materials for purchase from CGS? We were thinking it would be a good way to advertise and increase membership.

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***Nova Scotia (Halifax) Section  
Annual Report July 1, 2017 to June 30, 2018***

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**Formal Section Name: Nova Scotia Section**

**Section 1: General**

Date of this report: July 15, 2018  
 Prepared by: Sheri Burton  
 Section Director: Sheri Burton  
 End of Section Director's Term: December 31, 2019  
 Section's CGS web page address: [www.cgs.ca/section\\_nova\\_scotia.php](http://www.cgs.ca/section_nova_scotia.php)  
 Is there a link from your separate Section website to the CGS website? N/A

**Section 2: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Sheri Burton (Golder Associates)  
 Past Chair: James Mitchell (Stantec)  
 Vice Chair: Ilia Wainshtein (Wood Group)  
 Secretary: TBD (Scott Munro (BGC) in interim)

**Section 3: Number of Section Members (as of June 30, 2018)**

Executive Committee Members: 4  
 Total members: 50  
 Total CGS members: 20  
 Does your section do anything specific to attract new members? No  
 Can the National Office or newly formed Membership Committee help support your endeavours?

**Section 4: Section Finances (as of June 30, 2018):**

Account balance \$19,000  
 Does your Section charge members an annual fee? No  
 If so, how much? N/A  
 Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes  
 Is your Section aware of the CGS Lecture Supplement Program? Yes  
 Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)? No

<b>Section 5: Section Activities, July 1, 2017 to June 30, 2018</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
Sept. 14, 2017	Dr. Jasmin Raymond	Assessment of the Subsurface Thermal Conductivity for Geothermal Applications	10
Oct. 16, 2017	Dr. Jean-Marie Konrad	CCLT - Permeability Anisotropy in Compacted Tills	15
April 5, 2018	AMCON, Waterworks Construction	Social Mixer - Case Histories in Foundation Construction	15
April 18, 2018	Dan MacLean, Keller Foundations	Lunch and Learn – Speciality Grouting and Ground Improvement	10
June 4, 2018	Dr. Mark Cassidy, Memorial University	Lunch and Learn (Webcast) - Use of Suction Embedded Plate Anchors for Deepwater Moorings	10

**Section 6: Additional information or comments**

**Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**  
 No

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***Newfoundland and Labrador (St. John's) Section  
 Annual Report July 1, 2017 to June 30, 2018***

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**Formal Section Name: St. John's Section**

**Section 1: General**

Date of this report: July 20, 2018  
 Prepared by: Rajib Dey  
 Section Director: Rajib Dey  
 End of Section Director's Term: December 2019  
 Section's CGS web page address: [www.cgs.ca/section\\_newfoundland.php](http://www.cgs.ca/section_newfoundland.php)  
 Is there a link from your separate Section website to the CGS website? N/A

**Section 2: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Rajib Dey, Ph.D., P.Eng., Geotechnical Engineer, Stantec  
 Past Chair: Sylvia Dooley  
 Vice Chair: N/A  
 Secretary: Tim Park, Amec/Woods

Add. Representative: Kenton Pike, Technip  
 Student Representative: Dipankar Saha, MUN

**Section 3: Number of Section Members (as of June 30, 2018)**

Executive Committee Members: 4

Total members: Student: 30; Non-student: 40

Total CGS members: approx. 20~25

Does your section do anything specific to attract new members? We always try through our events and encourage students to become members

Can the National Office or newly formed Membership Committee help support your endeavours?

Comments:

- Approximately 80+ names on email listserv, average 30+ have attended CGS section events in 2017. Events typically attended by students and committee members, C-CORE employees, Faculties and few industry people

**Section 4: Section Finances (as of June 30, 218)**

Account balance \$ 229.29

Does your Section charge members an annual fee? No

If so, how much? N/A

Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)?

Is your Section aware of the CGS Lecture Supplement Program?

Is your Section planning on sponsoring a Student/MIT to attend GeoEdmonton 2018 (Admin Manual App 12)?

Comments:

- Every year, we nominate one student to attend the annual CGS conference. Typically student gets scholarship from CGS national and conference organizing committee since our section does not have enough financial capacity to sponsor a student

<b>Section 5: Section Activities, July 1, 2017 to June 30, 2018</b>			
<b>Date</b>	<b>Speaker/Other</b>	<b>Topic/Subject</b>	<b>Attendance</b>
September 15, 2017	Prof. Jasmin Raymond	Canadian Geotechnical Colloquium Lecture Fall 2017: Assessment of the subsurface thermal conductivity for geothermal applications	75 (in person)
October 16, 2017	Dr. Jean-Marie Konrad	Fall 2017 Cross Canada Lecture Tour: Permeability Anisotropy in Compacted Tills: Myth Or Reality	21 (online webcast from Halifax)
April 18, 2018	Daniel MacLean, P. Eng Keller Foundations Ltd.	Specialty Grouting and Ground Improvement – Techniques & Case Histories	21 (online webcast from Halifax)
May 15, 2018	Dr. Thomas O'Rourke, Professor of Engineering, Cornell University	Spring 2018 Cross Canada Lecture Tour: Lessons Learned for Ground Movements and Soil Stabilization from The Boston Central Artery	31 (in person) and 16 (online webcast in Atlantic)

June 04, 2018	Professor Mark Cassidy, University of Western Australia	Use of Suction Embedded Plate Anchors for Deepwater Moorings	25 (in person) and 12 (online webcast in Atlantic)
July 16, 2018	CGS Student Presentations	Student presentations, selection of candidate to sponsor for GeoEdmonton	15 (in person)
Geo St John's 2019	Local CSG members	local organizing committee meeting and discussion on conference theme, venue, technical session etc.	

**Section 6: Additional information or comments**

- Several meetings regarding cYGEGC 2019 conference and Geo-St John's 2019 Conference.

**Section 7: Do you have any specific questions or issues that you would like to bring to the attention of the Sections Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**

## TECHNICAL DIVISION REPORTS

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### *Technical Divisions Representative Summary Annual Report – Nicholas Vlachopoulos July 1, 2017 to June 30, 2018*

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#### **Section 1: General**

Date of report: June 2018  
Prepared by: Nicholas Vlachopoulos (NV), CGS Division Representative  
End of Term: December 31, 2018  
Website: [www.cgs.ca/divisions.php?lang=en](http://www.cgs.ca/divisions.php?lang=en)

#### **Section 2: Reports**

Number of divisions that reported: 7  
Number of non-reporting divisions: 0  
General comments about division's reports and format: Effective format. Good communication of activity. All of the divisions have responded, and all of the new Directors are in place and active within their Divisions. Activities are continuing in order to align with the activities cited.

#### **Section 3: Websites**

How many division websites on CGS website require updates? 6  
How many divisions have their own websites? 1  
General comments regarding the CGS website and/or individual Division websites: New draft template for Division websites has been developed. Rock Mechanics Division has been making efforts in terms of adding website links to their divisional website.

#### **Section 4: Finances**

How many divisions report their finances? 7  
General comments about finances: Three divisions with balances Cold Regions, Engineering Geology and Rock Mechanics Division. See individual reports for details. Divisions are wondering how they can utilize their funds in order to support their divisional efforts. i.e. for short courses, talks etc. at their level.

#### **Section 5: Division affiliations with other organizations**

General comments about membership and activities: All Divisions active.  
Each Division of the CGS is affiliated with a National or an International counterpart, as detailed below:

- Cold Regions Geotechnology International Permafrost Association (IPA)  
Canadian National Chapter for International Permafrost Association (CNC-IPA)
- Engineering Geology International Association of Engineering Geology (IAEG)  
North American AEG for the Engineering Geology Division  
Canadian Federation of Earth Sciences (CFES)
- Geoenvironmental International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE)

- Geosynthetics IGS – North America (IGS–NA; formerly NAGS)  
International Geosynthetics Society (IGS)
- Groundwater International Association of Hydrogeologists (IAH-CNC)
- Rock Mechanics International Society of Rock Mechanics (ISRM)
- Soil Mechanics and Foundations International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE)

In addition, many of the Divisions are also affiliated with other National and International technical bodies with whom there are various interactions during the course of the year. These include interactions with conferences (i.e. technical reviewers or organizers etc.)

**Section 6: Additional information or comments**

Divisions could be more active and engaged. Annual Reports do not cite too many activities for each of the divisions. Engineering Geology Division seems to be the most active division by far. Why?

Need to ensure that the Divisions are on top of the Awards nominations. Will need to brief them on the procedures of the CGS for these Awards. Perhaps, conducting an organized meeting of the Divisions at GeoEdmonton would be useful – with an semi-formal agenda prior to the meeting at the end of the EC meeting in order to address specific items.

Need to see how we can invigorate or initiate more activities within the divisions. EC Initiatives to empower Divisions? EC divisional rep will send out an e-mail to see what can be done.

The Current EC Division Rep’s term is ending 31 Dec 2018. A new rep is required. Current EC Division Rep volunteered to address the leadership gap in this regard at GeoOttawa for 1 year and will now solicit for a successor among the active divisional chairs. More to follow.

It has been noted that more communication and collaboration between the Divisions (and Committees) within CGS is warranted. Selected Divisions are more active than others. The current Divisional Chair has reached out 4 times during this past year in order to solicit input from Divisions and to have them communicate any concerns or elaborate on their activities / reports. Not much response back from the Divisions.

More of an on-line presence by the Divisions is encouraged in order to highlight the activities of the Divisions.

Also attached are the most current notes as per the latest topics discussed and summarized during the Executive Meeting held 18 May 2018.

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***Cold Regions Geotechnology Division  
Annual Report July 1, 2017 to June 30, 2018***

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**Section 1: General**

Date of this report: July 15, 2018  
 Prepared by: Jack Seto  
 Division Chair: Jack Seto  
 End of Division Chair’s Term: Dec. 31, 2019



1) List one, or two or three (or more) specific things that your Division will be working on, or wishes to accomplish, during the next year (2018 / 2019)?

- Assist the local organizing committee of GeoEdmonton2018 on the Cold Regions theme of the conference
- Award the Roger JE Brown Award at GeoEdmonton2018
- Support the 2019 Canadian Permafrost Conference, held in conjunction with the ASCE International Conference on Cold Regions Engineering
- Support application for hosting the 2024 International Conference on Permafrost in Canada
- Support an International short course on permafrost engineering, Edmonton, AB

## **Section 2: Current (as of January 1, 2018) Executive Committee Members and their Affiliations**

Chair: Jack Seto – BGC Engineering Inc., Edmonton, AB  
Past Chair: Baolin Wang – Natural Resources Canada, Ottawa, ON  
Vice Chair:  
Secretary:  
Members:

Marolo Alfaro – University of Manitoba, Winnipeg, MB  
Simon Dumais – Université Laval, Québec City, QC  
Ed Hoeve – HovEng Consulting Ltd., Yellowknife, NT  
Julie Lepage – Université Laval, Québec City, QC  
Heather Brooks – Université Laval, Québec City, QC  
Maritz Rykaart – SRK Consulting, Vancouver, BC

## **Section 3: Number of Division Members (as of June 30, 2018)**

Executive Committee Members: 8  
1<sup>st</sup> Choice members: 67  
2<sup>nd</sup> Choice members: 214

## **Section 4: Is your Division affiliated with other organizations? (Admin Manual Section 6 and App 10 and 26)**

If yes:

- Canadian National Chapter for International Permafrost Association (CNC-IPA), represented by Ed Hoeve on the Executive Committee of CNC-IPA who is also an Executive member of the Cold Regions Geotechnology Division (CRGD).
- The Canadian Permafrost Association (CPA) is being established in 2018. Several CGS members were part of the Steering Committee and Nomination Committee. The CRGD Executive would like to allow CRGD members to also gain membership to the CPA.

North American affiliates and name(s) of CGS representative(s)

•  
International affiliates and name(s) of CGS representative(s)

- International Permafrost Association, represented by Lukas Arenson, Richard Fortier on Permafrost Engineering Interest Group

## **Section 5: Division Finances (as of June 30, 2018)**

Account Balance: \$12,776

Comments:

- \$3,000 to be used to support 2019 Canadian Permafrost Conference

**Section 6: Division Activities in past year (July 1, 2017 to June 30, 2018)**

- Supported an International short course on permafrost engineering, Edmonton, AB
- Assisted local organizing committee of GeoOttawa2017 on the Cold Regions theme of the conference.

**Section 7: Additional information or comments**

**Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the Division Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**

- The CRGD would like to develop stronger partnerships with the Canadian Permafrost Association (CPA). The CPA is requesting that CGS memberships have option of becoming member of CPA when renewing membership. It is not intended to be free, but the CPA is wondering how we can leverage CRGD membership to increase CPA membership. The intent is for CPA membership to ultimately replace membership in the International Permafrost Association (IPA), which is the current option.

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**Engineering Geology Division  
Annual Report July 1, 2017 to June 30, 2018**

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**Section 1: General**

Date of report: 02 March 2018  
Prepared by: Nicholas Vlachopoulos  
Division Chair: Nicholas Vlachopoulos  
End of Division Chair's Term: December 31<sup>st</sup> 2018  
Division's CGS web page address: [www.cgs.ca/division\\_engineering\\_geology.php](http://www.cgs.ca/division_engineering_geology.php)  
Last time your Division's CGS web page was updated: March 2017  
If your Division has a separate website please provide address: N/A  
Is there a link from your separate Division website to the CGS website?: N/A

1) List one, or two or three (or more) specific things that your Division will be working on, or wishes to accomplish, during 2018?

- Engineering Geology-sponsored Short Course
- Have an on-line CGS Engineering Geology of Canada monograph started and populated
- Work on an CGS Engineering Geology Webpage and other social media initiatives
- Define Engineering Geology (and associated branches etc) and harmonize this definition with provincial, national and international standards
- Engage more youth and get them involved in the Executive and Divisional activities

**Section 2: Past (as of Dec 31, 2017) Executive Committee Members and their Affiliations**

Chair: Nicholas Vlachopoulos, Royal Military College of Canada, Ontario  
Past Chair: Doug Stead, Simon Fraser University, B.C.  
Vice Chair: Stephen Butt, Memorial University of Newfoundland  
Secretary: N/A

Members: Karine Champagne, HydroQuebec, Quebec  
Anna Torgunrud, Mollard Assoc, Saskatchewan  
Renato Macciotta, University of Alberta, Alberta  
Andrew Peach, Golder Assoc. Ltd, Newfoundland

### **Section 3: Current (Jan 1, 2018-Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Nicholas Vlachopoulos, Royal Military College of Canada, Ontario  
Past Chair: Doug Stead, Simon Fraser University, B.C.  
Vice Chair: Stephen Butt, Memorial University of Newfoundland  
Secretary: N/A

Members: Karine Champagne, HydroQuebec, Quebec  
Anna Torgunrud, Mollard Assoc, Saskatchewan  
Renato Macciotta, University of Alberta, Alberta  
Andrew Peach, Golder Assoc. Ltd, Newfoundland

### **Section 4: Number of Division Members (as of 15 June 2018)**

Executive Committee Members: 7  
1<sup>st</sup> Choice members: 120, 93  
2<sup>nd</sup> Choice members: 307, 316

Comments:

- 1<sup>st</sup> choice members slightly down from 2017
- 2<sup>nd</sup> choice members up by 9 from 2017

### **Section 5: Is your Division affiliated with other organizations?**

Yes

National Affiliates:

- Association of Geohazard Professionals www link added to EGD page - <http://www.geohazardassociation.com/>
- Canadian Federation of Earth Scientists (CFES) (Nicholas Vlachopoulos, CGS Representative)
- North American affiliates: - AEG for the Engineering Geology Division [www.aegweb.org/](http://www.aegweb.org/)
- Environmental and Engineering Geology Division GSA [www.geosociety.org/egd/](http://www.geosociety.org/egd/)

International Affiliates:

- IAEG - CGS representatives – Canada (Nicholas Vlachopoulos, National Representative),
- IAEG VP for North America (tbd) for start in 2018 – Dr. Jean Hutchinson named as IAEG VP as determined by the National CGS Executive. Will officially assume role after IAEG Congress in Sept 2018

Comments:

- The EGD Chair provided a written report to IAEG on Canadian Engineering geology activities for 2017

### **Section 6: Division Finances (as of 15 June 2018)**

Account Balance: \$8,836.00.

Comments:

- Selected funding toward on-line arrangement of Engineering Geology in Canada website /on-line Monograph to be considered in 2018
- Funding for young members initiatives also to be considered in 2018
- Funding in support of Short Course at GeoEdmonton to be considered – Short Course Approved and in Planning Stage

### Section 7: Division Activities in past year (July 1, 2017 to June 15, 2018)

- **Dr. Erik Eberhardt** was awarded the Thomas Roy Award for 2017 at the CGS annual conference in Ottawa in October 2017. His work on the recognition, prediction and mitigation of complex rock engineering problems, unexpected rock mass responses and failures remains at the top of the Geological Engineering field. With a proven track record of academic and professional achievement with an emphasis on risk assessment, Dr Eberhardt remains one of the most important leaders in Geological Engineering in Canada and internationally. More information can be seen here: <https://www.eoas.ubc.ca/people/erikeberhardt>
- Schuster Medal. EGD has been working with Rock Hazzards Committee of whether or not to alternate between Canadian and American winners each year. More discussions to follow.
- **Dr. Jean Hutchinson** from Queen's University was named as IAEG VP North America as determined by the National CGS Executive. She will officially assume this role at the IAEG Congress to be held in San Francisco in Sept 2018.
- EGD Chair will represent Canada at the IAEG Congress to be held in San Francisco in Sept 2018 and Dr. Jean Hutchinson will be recommended to attend as observer.
- A joint session is being planned between the Rock Mechanics Division and the Engineering Geology Division for a Rock Core Logging Short Course for GeoEdmonton. The team has been assembled and the proposed short course schedule has been completed and submitted. The divisions are working with the GeoEdmonton committee in order to plan all of the details for the course. Course has been approved and will be conducted. It is currently being planned.
- During the EGD Executive meeting at the annual GCS Conference in Ottawa the following were discussed (agenda):
  - Minutes of GeoVancouver EGD Meeting 2016
  - Presentation of EGD Annual Report
  - Collaboration with other CGS Divisions / Committees
  - Engineering Geology Related Conferences 2016-17
  - Ideas – future Workshops (i.e. Engineering Geology in Canada workshop)
  - Discussion of new Vice-Chair of EGD and solicitation for additional executive members
  - Initiatives to increase visibility and profile
  - Monograph – Geological Engineering in Canada – Status Update / Input
  - Canadian Foundation of Earth Sciences (CFES) affiliation
- The EGD Executive meeting was attended by 9 individuals
- As a result of the discussions at the EGD Executive meeting at GeoOttawa, it was decided to go on-line with the manuscript of Engineering Geology. This initiative has been advertised within Geotechnical News, E-mails have been sent out, specific people were contacted, however, minimal input has been received to date. Will be more aggressive in terms of solicitation.
- The EGD www page was updated to include links to further Engineering Geology related societies and to upcoming Engineering Geology events.
- Upcoming IAEG events and conferences can be seen at: <http://www.iaeg.info>. An Outstanding Project for 2018 will be selected from nominations submitted in January 2018 for presentation at the AEG Annual Meeting in San Francisco.
- Working closely and have a CGS representative with the Canadian Federation of Earth Scientists (CFES). The current EG Chair, Nicholas Vlachopoulos is the CGS Representative and was renewed in this capacity by incoming president of CGS. A CFES conference call was conducted in Feb 2018 that the EG Chair participated in. The CFES website is: <http://earthsciencescanada.com/cfes/>. The EGD Chair is planning to attend the CFES AGM in April 2018 in Ottawa. He

also spoke with the CFES rep at GeoOttawa. Minutes from the CFES conference call were sent to the CGS Executive after the meeting for their record and consideration.

- EGD provided the GeoEdmonton technical committee with a comprehensive list of reviewers for papers – many from list chosen for this purpose. Multiple papers were reviewed by EGD exec members and members.
- EGD Executive was/is involved in the Eurock 2018 Scientific Committees.
- EGD Chair:
  - Is also the Division Rep for the National CGS Committee – 1 Jan 2018 – 31 Dec 2018
  - helped evaluate the papers from technical sessions for EUROCK 2018.
  - Session Chair at GeoOttawa
  - Placed first Divisional article within Geotechnical News as requested by National CGS
- The EGD provided a letter of Nomination for **Dr. Keith Turner** for the prestigious Han Cloos IAEG Medal. Keith has been an excellent supporter of the EGD for decades.
- EGD Chair voted on potential Colloquium speaker. As CGS Division Chairs and Editors of the CGJ, EGD Chair is a member of the Selection Committee for the Canadian Geotechnical Society Colloquium
- Executive Member **Mr. Andrew Peach** is conducting a study into defining Engineering Geology. The Association of Professional Engineers and Geoscientists of Newfoundland and Labrador or PEGNL has recently undertaken an initiative to define the scope of practice for Geotechnical Engineers, Geological Engineers and Engineering Geologists. Their goal is to provide clarity on overlapping scopes of practice as well as to determine what might be considered restricted scopes of practice specific to each discipline. As such, EGD has reached out to international bodies and national ones in an attempt to standardize such definitions. An excellent initiative on behalf of Andrew Peach

## Section 8: Additional information or comments

- Very appreciative of the efforts and support provided by the current CGS National Executive.

## Section 9: Do you have any specific questions or issues that you would like to bring to the attention of the Division Representative on the CGS Executive Committee or the CGS National Office?

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*Geoenvironmental Division*  
*Annual Report July 1, 2017 to June 30, 2018*

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## Section 1: General

Date of this report:	July 28, 2018
Prepared by:	Magdalena Krol
Division Chair:	Magdalena Krol
End of Division Chair's Term:	December 2021

1) List one, or two or three (or more) specific things that your Division will be working on, or wishes to accomplish, during the next year (2018/2019)

- Increase number of members
- Finding vice chair

## Section 2: Current (as of January 1, 2018) Executive Committee Members and their Affiliations

Chair: Magdalena Krol, York University

Past Chair: Criag Lake, Dalhousie University  
Vice Chair: In progress  
Secretary: Asad Abdullah, York University  
Member At Large: Catherine Mulligan, Concordia  
Ex-officio member: Tim Newson, Western  
Ex-officio member: Paul Simms, Carleton  
Ex-officio member: Richard Brachman, Queens

**Section 3: Number of Division Members (as of June 30, 2018)**

Executive Committee Members:	7 (4+3)
1 <sup>st</sup> Choice members:	105
2 <sup>nd</sup> Choice members:	206

**Section 4: Is your Division affiliated with other organizations? (Admin Manual Section 6 and App 10 and 26)**

If yes:

National affiliates and name(s) of CGS representative(s)

North American affiliates and name(s) of CGS representative(s)

International affiliates and name(s) of CGS representative(s)

**Section 5: Division Finances (as of June 30, 2018)**

Account Balance: \$

**Section 6: Division Activities in past year (July 1, 2017 to June 30, 2018)**

- Selection of secretary
- Selection of GeoEnvironmental award

**Section 7: Additional information or comments**

**Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the Division Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**

- I would like to know how I can access members and how to advertise the division to general members; is there an email list, facebook page etc?

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**Geosynthetics Division**  
**Annual Report July 1, 2017 to June 30, 2018**

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**Section 1: General**

Date of this report: July 15, 2018  
Prepared by: René Laprade  
Division Chair: René Laprade  
End of Division Chair's Term: December 31, 2020

1) List one, or two or three (or more) specific things that your Division will be working on, or wishes to accomplish, during the next year (2018 / 2019)

- Conduct interviews with ~10 senior Canadian geosynthetic stakeholders (manufacturers & distributors) to discuss needs and wants from the industry that CGS can assist with.
- Summarize ideas generated during these discussions and send out survey to group to narrow list down to 1-2 significant items.
- Discuss items during division meeting at GeoEdmonton and develop a plan for 2019.
- Offer short-course on geosynthetics at Geo St. John's (2019) conference.

**Section 2: Current (as of January 1, 2018) Executive Committee Members and their Affiliations**

Chair: René Laprade, TenCate Geosynthetics  
Past Chair: Richard Brachman, Queen's University  
Vice Chair: Craig Lake, Dalhousie University  
Secretary:  
Liaison with IGS-NA: Bruno Herlin, Terrafix Geosynthetics

**Section 3: Number of Division Members (as of June 30, 2018)**

Executive Committee Members: 4  
1<sup>st</sup> Choice members: 61  
2<sup>nd</sup> Choice members: 215

**Section 4: Is your Division affiliated with other organizations?** (Admin Manual Section 6 and App 10 and 26)

If yes:

National affiliates and name(s) of CGS representative(s)

•

North American affiliates and name(s) of CGS representative(s)

- IGS – North America (IGS-NA; formerly known as NAGS): Bruno Herlin

International affiliates and name(s) of CGS representative(s)

- International Geosynthetics Society (IGS)

Comments:

- IGS – North America has created a non-voting liaison position for CGS on the IGS-NA Board of Directors

**Section 5: Division Finances (as of June 30, 2018)**

Account Balance: \$

Comments:

- No current plans to generate money in the next CGS year

**Section 6: Division Activities in past year (July 1, 2017 to June 30, 2018)**

- Held division meeting at GeoOttawa where recruitment of new Chair was initiated.

**Section 7: Additional information or comments**

**Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the Division Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**

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**Groundwater Division  
Annual Report July 1, 2017 to June 30, 2018**

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**Section 1: General**

Date of report:	13-07-2018
Prepared by:	Jasmin Raymond
Committee Chair:	Jasmin Raymond
End of Committee Chair's Term:	December 31, 2020

1) What is the mission statement, or main purpose, of your Committee? Has it changed?

No change. The GWD has the mandate to promote and facilitate the advancement, exchange and transfer of knowledge, skills and experience in the fields of groundwater engineering and technology for the benefit of CGS members and the geotechnical, hydrogeological and geoenvironmental professions.

2) List one, or two or three (or more) specific things that your Committee will be working on, or wishes to accomplish, during the next CGS year (July 1, 2018 to June 31, 2019).

The GWD will continue to cooperate with the IAH-CNC to identify possible joint industry event activities. Specifically, the GWD looks forward to joint participation in the 2018 annual CGS meetings in Edmonton. The GWD have participated in the proposal of groundwater sessions with IAH-CNC for the GAC-MAC-IAH annual conference in Québec City in May 2019. The GWD will also be active for the next CGS meeting in St. John's.

**Section 2: Current (Jan 1, 2018 - Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Jasmin Raymond, INRS  
Past Chair: Frank Magdich, Oak Environmental Inc.  
Vice Chair: Vacant  
Secretary: Vacant  
IAH-CNC Liaison. Diana Allen, Simon Fraser University

**Section 3: Number of Committee Members (as of June 30, 2018)**

Executive Committee Members: 1  
Total members: 34



Comments: Total number of members more or less similar as last year

#### **Section 4: Is your Committee affiliated with other organizations?**

The GWD is affiliated with the Canadian National Chapter of the International Association of Hydrogeologists (IAH-CNC). The GWD chair is a non-voting member of the Executive of the IAH-CNC and, likewise, the chair of the IAH-CNC is a non-voting member of the Executive Committee of the GWD. The principal joint activity of the GWD and the IAH-CNC has often been the previous organization of Joint CGS and IAH-CNC Conference. During this year, there will be a joint CGS and IAH-CNC Conference in 2018 in Edmonton. The CGS shares the Robert N. Farvolden Award with the IAH-CNC, which involves the review and selection of the Farvolden Award winner.

#### **Section 5: Committee Finances (as of June 30, 2018)**

Account Balance: \$0

There are no restricted or separated funds for the Groundwater Division in the CGS national funds

#### **Section 6: Committee Activities in past year (July 1, 2017 to June 30, 2018)**

- The Groundwater Division of CGS has the mandate to promote and facilitate the advancement, exchange and transfer of knowledge, skills and experience in the field of hydrogeology for the benefit of CGS members and the geotechnical and geoenvironmental professions. Abstract and papers submitted for Geoedmonton with respect to groundwater and subsurface energy systems were reviewed. Groundwater research will be presented at Geoedmonton.
- A specific goal for the division has been to achieve better liaison and cooperation with IAH/CNC. There were discussions and agreement to better align the language used by each organization with respect to the joint Farvolden Award. A meeting was held in June to evaluate the candidature for the Farvolden Award, which was awarded to Larry Bentley.

#### **Section 7: Additional information or comments**

- The current GWD chair, Jasmin Raymond, will not be able to attend Geoedmonton. The past GWD chair, Frank Magdich, will represent the GWD for the expected meetings.

#### **Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the VP Technical, the CGS National Office or fellow Board members?**

No

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***Rock Mechanics Division  
Annual Report July 1, 2017 to June 30, 2018***

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#### **Section 1: General**

Date of this report:	July 9, 2018
Prepared by:	Mohsen Nicksiar
Division Chair:	Mohsen Nicksiar
End of Division Chair's Term:	31 December 2020

1) List one, or two or three (or more) specific things that your Division will be working on, or wishes to accomplish, during the next year (2018 / 2019)

- Providing Rock Core Logging Short Course along with Engineering Geology Division (EGD) for GeoEdmonton 2018:  
UPDATE: RMD/EGD are negotiating with CARMA to secure a collaboration in terms of financial support for this course. Also, RMD/EGD can obtain Alberta Geological Society's (AGS) and University of Alberta's support for this short course.
- Collaborating with other professional societies such as CDA, TAC, ISRM, CARMA, etc.
- Collaborating with local CGS groups;
- Providing useful scientific and technical resources in our CGS webpage to make it a benchmark for researchers and students;  
UPDATE: The list of technical resources is almost ready to be published in our RMD webpage.
- Collaborating with CARMA to provide student awards.

## **Section 2: Current (as of January 1, 2018) Executive Committee Members and their Affiliations**

Chair: Mohsen Nicksiar (SNC-Lavalin Inc.)

Past Chair: Sam Proskin (Thurber Engineering Ltd.)

Vice Chair: N/A

Secretary: Eliane Cabot (Wood Group, formerly Amec Foster Wheeler)

## **Section 3: Number of Division Members (as of June 30, 2018)**

Executive Committee Members:

Charlie Harrison (Knight Piésold Ltd.)

Erik Eberhardt (University of British Columbia)

Brad Forbes (Queens University)

Andre Bom (Golder Associates)

Marc-Andre Brideau (BGC Engineering)

Jin Dong Du (SNC-Lavalin Inc.)

Charles Hunt (Tetra Tech Canada)

Derek Kinakin (BGC Engineering)

Li Li (Polytechnique Montreal)

Matthew Perras (York University)

1<sup>st</sup> Choice members: 95

2<sup>nd</sup> Choice members: 238

## **Section 4: Is your Division affiliated with other organizations? (Admin Manual Section 6 and App 10 and 26)**

If yes:

National affiliates and name(s) of CGS representative(s)

- CARMA: Mohsen Nicksiar and Sam Proskin (Sam is CARMA new president and at the same time with RMD exec. Committee)

North American affiliates and name(s) of CGS representative(s)

- N/A

International affiliates and name(s) of CGS representative(s)

- ISRM: Doug Stead is VP North America for ISRM and Mohsen Nicksiar (RMD) and Sam Proskin (RMD/CARMA) collaborating with him.

### **Section 5: Division Finances (as of June 30, 2018)**

Account Balance: N/A

Comments:

- RMD doesn't have a reserved fund;
- RMD works closely with CARMA for any financial support. As an example, we presented a financial support request to CARMA for RMD/EGD short course in GeoEdmonton 2018.

### **Section 6: Division Activities in past year (July 1, 2017 to June 30, 2018)**

- Held a Division meeting at GeoOttawa on October 3, 2017 with 11 participants.
- Started organizing a core logging workshop for GeoEdmonton 2018 with the support of EGD. RMD/EGD is negotiating with CARMA for financial support.
- Participated in CARMA teleconference meetings.
- Eliane Cabot became Division secretary.
- Working on technical resources list to be added to RMD website;

### **Section 7: Additional information or comments**

### **Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the Division Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**

As it was pointed in our previous report, RMD would like to offer our support in the revision of the Canadian Foundation Engineering Manual – we have member who are interested in working on the manual.

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***Soil Mechanics and Foundations Division  
Annual Report July 1, 2017 to June 30, 2018***

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### **Section 1: General**

Date of this report:	May 22, 2018
Prepared by:	Dipanjan Basu, Chair
Division Chair:	Dipanjan Basu
End of Division Chair's Term:	December 2020

1) List one, or two or three (or more) specific things that your Division will be working on, or wishes to accomplish, during the next year (2018 / 2019)

The number of members in the executive committee should be increased.

### **Section 2: Current (as of January 1, 2018) Executive Committee Members and their Affiliations**

Chair: Dipanjan Basu, University of Waterloo [dipanjan.basu@uwaterloo.ca]  
 Past Chair: Alex Baumgard, BGC Engineering Inc. [abaumgard@bgcengineering.ca]

Vice Chair: None

Secretary: None

Other Members:

Andrew Take, Queens University, Kingston. [andy.take@civil.queensu.ca]

Laifa Cao, SPL Consultants Limited, Ontario. [lcao@splconsultants.ca]

Mohamed Meguid, McGill University, Montreal. [mohamed.meguid@mcgill.ca]

Robert Chapuis, Montreal Polytechnic, Montreal. [robert.chapuis@polymtl.ca]

Jeff Lam, Rocscience Inc., Toronto. [jeff.lam@rocscience.com]

### **Section 3: Number of Division Members (as of June 30, 2018)**

Executive Committee Members: 6

1<sup>st</sup> Choice Members: 627

2<sup>nd</sup> Choice Members: 259

Comments:

- Executive committee needs expansion

### **Section 4: Is your Division affiliated with other organizations? (Admin Manual Section 6 and App 10 and 26)**

If yes:

National affiliates and name(s) of CGS representative(s)

•

North American affiliates and name(s) of CGS representative(s)

•

International affiliates and name(s) of CGS representative(s)

- International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)

### **Section 5: Division Finances (as of June 30, 2018)**

Account Balance: \$

### **Section 6: Division Activities in past year (July 1, 2017 to June 30, 2018)**

### **Section 7: Additional information or comments**

- G.G. Meyerhof Award – 2017 award was presented to Arvid Landva. The award was presented at the GeoOttawa 2017 Conference.
- The SMFD finally submitted 23 abstracts and 21 papers from CGS members for the ICSMGE2017 conference held in Seoul, Korea. These papers represented a diverse group of topics, as well as university and industry submissions from across Canada.

### **Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the Division Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?**

## COMMITTEE REPORTS

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### *Education Committee* *Annual Report July 1, 2017 to June 30, 2018*

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#### **Section 1: General**

Date of report: July 29, 2018  
Prepared by:  
Committee Chair: Tareq Salloum  
End of Committee Chair's Term: December 31, 2019

1) What is the mission statement, or main purpose, of your Committee? Has it changed?

It has not changed.

The mandate of the Education Committee is to identify and address issues and problems concerning all aspects of the continuing education of society members. The Education Committee is also concerned with the involvement of students in the Society, as well as the geotechnical education at Canadian universities.

2) List one, or two or three (or more) specific things that your Committee will be working on, or wishes to accomplish, during the next CGS year (July 1, 2017 to June 31, 2018).

Will work to revise mission statement and define some objectives of the committee for remaining of 2018 and 2019.

#### **Section 2: Current (Jan 1, 2018 - Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Tareq Salloum, Ontario Power Generation Inc.

Past Chair: Jinyuan Liu, Ryerson University

Vice Chair: Vacant

Secretary: Vacant

Administrator Student Competition: Ryley Beddoe, Royal Military College of Canada

Members:

Paul Simms – Chair CFG Fellowship Selection, Carleton University  
Sumi Siddiqua, University of British Columbia  
Ariane Locat, Laval University  
Nicholas Vlachopoulos, Royal Military College of Canada  
E. Maria Skordaki, Royal Military College of Canada  
Ahmed Fahmy, GeoTerre Limited  
Mecckey El Sharnouby, Atlantic Industries Limited  
Ramy Saadeldin, Stantec  
Chen Lin, University of Victoria  
Adam Sevi, Norwich University  
Ryley Beddoe, Royal Military College of Canada

#### **Section 3: Number of Committee Members (as of June 30, 2018)**

- Executive Committee Members: 10
- Total members: N/A

#### **Section 4: Is your Committee affiliated with other organizations?**

National affiliates (e.g. CIM for the Mining Geotechnique Committee) and names of CGS representatives

- North American affiliates and names of CGS representatives
- International affiliates (e.g. ISSMGE TC306 for the Education Committee) and names of CGS representatives
- Comments (point form)
- 

#### **Section 5: Committee Finances (as of June 30, 2018)**

Account Balance: \$

#### **Section 6: Committee Activities in past year (July 1, 2017 to June 30, 2018)**

- Canadian Foundation for Geotechnique Graduate Student Award at Master's Level. The terms of reference and scoring criteria have been developed by the members of education committee and it is under review by CFG.
- Canadian Foundation for Geotechnique National Graduate Scholarship  
The Canadian Foundation for Geotechnique National Graduate Scholarship, valued at C\$5,000, was established by the Canadian Foundation for Geotechnique in 2007 on the occasion of the 60th Canadian Geotechnical Conference. CGS Education Committee is administering the scholarship.
- GeoJeopardy  
An undergrad student competition during the CGS Conference in Ottawa 2017. The competition is sponsored by Golder Associates.

#### **Section 7: Additional information or comments**

**Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the VP Technical, the CGS National Office or fellow Board members?**

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*Heritage Committee*  
*Annual Report July 1, 2017 to June 30, 2018*

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#### **Section 1: General**

Date of report:	31 July 2018
Prepared by:	Heinrich Heinz
Committee Chair:	Heinrich Heinz
End of Committee Chair's Term:	2019

1) What is the mission statement, or main purpose, of your Committee? Has it changed?  
The purpose of the Heritage Committee is the promotion of awareness of the history of geotechnique in Canada. (This has been recently reworded and simplified, and posted on CGS's web site)

2) List one, or two or three (or more) specific things that your Committee will be working on, or wishes to accomplish, during the next CGS year (July 1, 2018 to June 31, 2019).

- We would like to focus our efforts on developing the “Interviews with Canadian Legends” series. These will be modelled after the GeoStrata GeoLegends series, where distinguished academics or practitioners are interviewed by young graduate students or practitioners, who then prepare an article suitable for uploading to our virtual archives, and possible publication in CGS News. These series will include:
  - Uploading profiles of Canadians which have already been published in GeoStrata (written permission to do so has already been obtained from the Editor of GeoStrata)
  - Recovering interviews conducted in the 1980s as part of the Canadian Geotechnical Heritage Project and adapting them to a new format (some of these files have already been obtained from past CGS President Dave Devenny; others are available in the UofA Archives)
  - New interviews. Fred Matich has also been interviewed by GeoStrata, and an article is being prepared. Conducting more interviews is a significant effort, which would ideally be carried out in coordination with CGS’ Education Committee.
- We will continue to work with various CGS members to prepare Memoirs for the Lives Lived section of the Virtual Archives.
- The Committee has also received several contributions from CGS members that need to be organized and uploaded to our virtual archives. Examples are: papers on the history of Oil Sands Geotechnique, a list of Canadian students of Terzaghi/Casagrande at Harvard University, a VHS tape on the history of the Rideau Canal narrated by the late R.F. Legget, the Canadian Geotechnical Achievements posters, and the recently completed “Some of the First Women” Profiles.
- Discussion, with CGS’ Executive, on formalizing a Heritage Luncheon at future CGS Conferences.

## **Section 2: Current (Jan 1, 2018 - Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Heinrich Heinz, Thurber Engineering, Calgary  
 Past Chair: David Cruden, University of Alberta  
 Vice Chair: Jacques Locat, Université Laval  
 Secretary: N/A  
 Others:  
 Lijun Deng, University of Alberta, Edmonton  
 Mason Ghafgazi, University of Toronto  
 Suzanne Lacasse, Norwegian Geotechnical Institute, Oslo  
 Jorn Landva, BGC Engineering, Halifax  
 Andrea Loughheed, BGC Engineering, Vancouver  
 Fred Matich, MAJM Corporation Ltd., Toronto  
 Doug Vandine, Vandine Geological Engineering Ltd.

## **Section 3: Number of Committee Members (as of June 30, 2018)**

Executive Committee Members: N/A  
 Total members: 10  
 Comments:

- A few individuals collaborate with of the Heritage Committee on an occasional basis, and are not listed as committee members. Among these are Mustapha Zergoun (Thurber Engineering), Andrew Corkum, (Dalhousie University), Li Yan (BC Hydro), Richard Gervais (Independent Consultant, Montréal), Melissa Ruel (CN, Montréal), Jim Graham (University of Manitoba) – Note that Jim has stepped down from the Committee as of December 2017.

- One of our goals for the upcoming meeting in Edmonton is to discuss ways to attract more members (especially young members) to this Committee.

#### **Section 4: Is your Committee affiliated with other organizations? No**

If yes:

National affiliates and name(s) of CGS representative(s)

- Engineering Institute of Canada – No Representative Named

North American affiliates and name(s) of CGS representative(s)

- (see comments below)

International affiliates and name(s) of CGS representative(s)

Comments:

- During the past year, the Committee Chair Heinrich Heinz, has established contact with James Withiam, Editor-in-Chief of ASCE's GEOSTRATA Magazine. This contact has enabled us to obtain permission to publish some of GeoStrata's content on our Virtual Archives (GeoLegend profiles described above). We see the continued interaction with GeoStrata and the GeolInstitute as positive due to their interest in history and heritage.

#### **Section 5: Committee Finances (as of June 30, 2018)**

Account Balance: N/A

Comments:

- We would like to discuss with Executive Committee, the possibility of assigning a small annual budget to the Heritage Committee. This would allow us, for instance, to pay for items like conversion of old VHS tapes to a format suitable for uploading to the Virtual Archives.

#### **Section 6: Committee Activities in past year (July 1, 2017 to June 30, 2018)**

- Focus during this past year has been on the "History of Canadian Women in Geotechnique". Interviews with 12 of the "early women" have been conducted and posters have been prepared for presentation during the GeoEdmonton Conference.
- Continued work with various CGS members on preparing memoirs for deceased professionals and uploading them to our Lives Lived pages.
- Committee member Doug Vandine, with input from various committee members, has prepared the History of the Canadian Foundation Engineering Manual, which is being published in CGS News.

#### **Section 7: Additional information or comments**

#### **Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the VP Technical, the CGS National Office or fellow Board members?**

As noted in Section 2 above, the Interviews with Canadian Legends would ideally be carried out in coordination with CGS's Education Committee. Could the meetings of these two committees at GeoEdmonton be scheduled on separate days, so that a couple of our members can attend the Education Committee meeting (and vice-versa)?



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**Geohazards Committee**  
**Annual Report July 1, 2017 to June 30, 2018**

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**Section 1: General**

Date of report: July 26, 2018  
Prepared by: Dave Gauthier  
Committee Chair: Dave Gauthier  
End of Committee Chair's Term: December 2018

1) What is the mission statement, or main purpose, of your Committee? Has it changed?

The Geohazards Committee (formerly the Landslide Committee) supports efforts leading to the technical competence and excellence of Canadian geotechnical and related geoscience professionals working in the field of geohazards. It contributes to the organization of Canadian geotechnical conference sessions on landslides and geohazards, the organization of national and international landslide and geohazard conferences, the development of national geohazards guidelines, and the maintenance of links with other related professional societies such as the Joint Technical Committee on Natural Slopes and Landslides (JTC 1).

2) List one, or two or three (or more) specific things that your Committee will be working on, or wishes to accomplish, during the next CGS year (July 1, 2017 to June 31, 2018).

- Support and drive the publication of the Canadian Technical Landslide Guidelines as a stand-alone, single document
- Support and drive the sharing of Andy Esarte's account of the Canmore flood experience to the broader geohazard community
- Engage more closely with partner organizations (international)

**Section 2: Current (Jan 1, 2018 - Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Dave Gauthier (BGC Engineering Inc.)  
Past Chair: Michael Porter (BGC Engineering Inc.)  
Vice Chair: Scott McDougall (University of British Columbia)

**Section 3: Number of Committee Members (as of June 30, 2018)**

Executive Committee Members: 2  
Total members: 45  
Comments:

- We count all attendees at meetings as members

**Section 4: Is your Committee affiliated with other organizations?**

Yes. Our representatives and formalization of these relationships requires work.

**Section 5: Committee Finances (as of June 30, 2018)**

Account Balance: N/A  
Comments:

- The CGS Geohazard Committee currently does not have a dedicated budget

## Section 6: Committee Activities in past year (July 1, 2017 to June 30, 2018)

- Supported Geohazards7 in Canmore
- Supported proposal for Geohazards8
- Supported the nomination and selection process for the Schuster Medal through an ad hoc subcommittee
- Developed a proposal for CGS support (denied)
- Held a mid-year meeting at Geohazards7 which was well attended and generated many interesting initiatives

## Section 7: Additional information or comments

Mid-year meeting summary, held June 7, 2018, approx..35 people present:

- Canadian technical guidelines and best practices related to landslides:
  - There is consensus that it would be great to have the Open Files under single cover, both as a PDF and as a relatively inexpensive/print-on-demand
  - **Peter Bobrowski** has been looking into it already, and DG has discussed with him and Doug Vandine
  - It's not clear what level of support would be available from the CGS
  - **Scott McDougall** [smcdouga@eoas.ubc.ca](mailto:smcdouga@eoas.ubc.ca), **Doug Vandine** [vandine@islandnet.com](mailto:vandine@islandnet.com), and **Andres Kirstein** [a.kirstein@geonorth.ca](mailto:a.kirstein@geonorth.ca) agreed to form a subcommittee to follow up on this
- There was wide consensus that Andy Esarte's keynote on the Canmore flood experience was really important, and should be shared widely within the geotechnical community and decision-makers
  - Ideas about supporting a speaking tour of some kind were floated, ranging from the CCLT to local section talks.
  - **DG** to follow-up with Andy to let him know how much we appreciated his talk, and ask if he would be interested in taking it on the road
  - **Michael Porter** [MPorter@bgcengineering.ca](mailto:MPorter@bgcengineering.ca), **Jean Hutchinson** [hutchinj@queensu.ca](mailto:hutchinj@queensu.ca), **Lauren Hutchinson** [LHutchinson@bgcengineering.ca](mailto:LHutchinson@bgcengineering.ca), **Ken Froese** [kfroese@thurber.ca](mailto:kfroese@thurber.ca) agreed to support this. I'll be in touch shortly.
  - I have one testimonial to include in a formal letter to the Mayor and Council and management at the City of Canmore. A few more would be good.
- The Schuster Medal selection process was discussed, and it was agreed that we should take the opportunity this year to review the process with the CGS and AEG exec. That conversation could be started at the AEG meeting in San Fran with Bob himself. It would be good to relax the alternating US/CAD medal, formalize the process, and relieve Bob of any administrative burden that he is struggling with (he may not want/need help). Did **Scott McDougall** [smcdouga@eoas.ubc.ca](mailto:smcdouga@eoas.ubc.ca) and **Jean Hutchinson** [hutchinj@queensu.ca](mailto:hutchinj@queensu.ca) agree to stay on the selection committee and follow up on the review?
- **Doug Vandine** suggested that the Geohazards conference proceedings be compiled and put on-line, preferably not behind the CGS member wall. We have a Geohazards Committee website which could host a Geohazards Conference page to archive that stuff. It would be great if it were indexed, and came up on places like google scholar. I think Doug and I are to pursue this
- We need to do better connecting to other learned societies. We listed some but my notes are incomplete. **Jean Hutchinson** [hutchinj@queensu.ca](mailto:hutchinj@queensu.ca) was going to be our official liaison to the IAEG. I have an emerging connection to the ISSMGE. What were the others?

Annual meeting at GeoOttawa summary:

The meeting was held October 2, 2017, and there were 34 people in attendance. The following points were discussed:

- Committee background and purpose
- Annual report

- IAEG Landslide nomenclature C7
  - Renato M. agreed to a leadership role in connecting IAEG to CGS
- Committee support for Geohazards 7 - Canmore
- Geohazards8 - Proposal received, committee supports it
  - Discussion around joint conference with NASL
  - Concern about diluting the single session culture if it gets too big
  - But good opportunity to bolster numbers potential
  - General support
- Committee proposal for CGS financial support of book projects
  - Snow avalanche engineering – Bruce Jamieson et al.
  - Landslide technical guidelines
  - General support with discussion around developing a case history project
- Oldrich Hungr memorials
  - CGJ virtual issue. Consider CGS supporting free access for all, particularly international people will benefit. This needs a champion.
  - Geohazards Committee not leading, but to support any initiatives brought forward by others. Many are in the works.
- Other business
  - Geotech news - provide papers and input to Rick G
    - Changes likely coming to the format
- [Schuster Medal was not discussed unfortunately, but I will circulate more information in the coming weeks]

Two key action items were identified:

- 1) Geohazard case history project: I propose we strike an ad hoc subcommittee to take this on. I recall a few folks showed interest. Please get in touch if you are keen on participating.
- 2) Open access for CGJ Virtual issues: If this is something we hope to support I propose that a 'champion' steps forward and pursues this. Please let me know if you are interested.

**Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the VP Technical, the CGS National Office or fellow Board members?**

***Mining Geotechnique Committee  
Annual Report July 1, 2017 to June 30, 2018***

**Section 1: General**

Date of report:	July 27, 2018
Prepared by:	Paul Simms
Committee Chair:	Paul Simms
End of Committee Chair's Term:	End of 2018

- 1) What is the mission statement, or main purpose, of your Committee? Has it changed?

The purpose of the Mining Geotechnique committee is to serve CGS members who principally work or do research in aspects of mining geotechnics. To this end, the committee organizes sessions at the national conference, liaises with other organizations (such as CIM), and organizes specific events of interest to members.

2) List one, or two or three (or more) specific things that your Committee will be working on, or wishes to accomplish, during the next CGS year (July 1, 2017 to June 31, 2018).

The committee is transitioning to a new chair, Thomas Pabst. Thomas and I have discussed a number of initiatives, which may include:

- Continuing to hold a student / practitioner network event at CGS conferences
- Increasing interaction with local sections that have a strong interest in Mining Geotechnics (e.g. Subbury)
- Talks with recordings /webcasts once or twice a year for speakers on mining geotechnique issues
- Special technical sessions at upcoming CGS conferences

## **Section 2: Current (Jan 1, 2018 - Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Thomas Pabst (starting in 2019)  
Past Chair: Paul Simms  
Vice Chair:  
Secretary:

## **Section 3: Number of Committee Members (as of June 30, 2018)**

Executive Committee Members: 2  
Total members: ~50

## **Section 4: Is your Committee affiliated with other organizations?**

Not formally, though our members are active in CIM and other organizations

If yes:

National affiliates and name(s) of CGS representative(s)

•

North American affiliates and name(s) of CGS representative(s)

•

International affiliates and name(s) of CGS representative(s)

•

## **Section 5: Committee Finances (as of June 30, 2018)**

Account Balance: \$0.00

## **Section 6: Committee Activities in past year (July 1, 2017 to June 30, 2018)**

- The committee played a very strong role in supporting the GeoOttawa conference, we had 8 sessions (including one from Hydrogeology).
- We offered to support the GeoEdmonton conference, and while they acknowledged our offer in the end we were not involved. This was the first year since the formation of the committee when we have not been involved with reviewing papers or formulating sessions. Probably it will turn out well but this is a small concern for us.
- This has been a transitional year between Thomas and myself.

## Section 7: Additional information or comments

## Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the VP Technical, the CGS National Office or fellow Board members?

Should the involvement of committees and divisions in conference program development be formatized / more actively promoted?

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**Professional Practice Committee  
Annual Report July 1, 2017 to June 30, 2018**

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### Section 1: General

Date of report: July 29<sup>th</sup>, 2018  
Prepared by: James Blatz  
Committee Chair: James Blatz  
End of Committee Chair's Term: September 2019

1) What is the mission statement, or main purpose, of your Committee? Has it changed?

The Professional Practice Committee's mandate is:

- To Highlight and Educate CGS Members on Professional Practice Issues Facing Geoprofessionals.
- Communicate CGS's views on issues relevant to "Geoprofessionals" belonging to the society, and
- To address other aspects of professional practice that are of interest or concern to society members.

2) List one, or two or three (or more) specific things that your Committee will be working on, or wishes to accomplish, during the next CGS year (July 1, 2017 to June 31, 2018).

1. Write an article for the CGS News on the success of the PPC Session at the 2017 CGS Conference (completed and attached)
2. Plan session for GeoEdmonton 2018 – Session on Women in Engineering is being led by Dr. Kristen Tappenden.
3. Update the CGS Website – pushing to update by the conference
4. Add members (focus on diversity), establish vice-chair, succession plan for committee renewal - ongoing

### Section 2: Current (Jan 1, 2018 - Dec 31, 2018) Executive Committee Members and their Affiliations

Chair: James Blatz, University of Manitoba / TREK Geotechnical Inc.  
Past Chair: Suzanne Powell, Thurber Engineering Ltd.  
Vice Chair: None  
Secretary: None

### Section 3: Number of Committee Members (as of June 30, 2018)

Executive Committee Members: 2  
Total members: 10

Comments:

- Continuing to add members to increase diversity and regional representation

**Section 4: Is your Committee affiliated with other organizations?**

No

**Section 5: Committee Finances (as of June 30, 2018)**

N/A

**Section 6: Committee Activities in past year (July 1, 2017 to June 30, 2018)**

- PPC session at the 2017 GeoOttawa Conference. Approximately 65 attendants experienced a mock courtroom created by three lawyers as guest speakers where a case was presented including an expert witness for the participants to review and watch as the case unfolded throughout the session.
- Preparation of a write-up for the CGS news as requested by the VP Comm for the news from the society section. Ongoing during this time period.
- Planning for support of a session being organized by Dr. Kristen Tappendam on Women in Engineering. Kristen has set up a panel of 6 outstanding professionals to discuss how all professionals can support increasing diversity in the workplace. The PPC is supporting the session as required under Kristen's leadership. Kristen has also agreed to join the PPC executive after the conference!

**Section 7: Additional information or comments**

- Committee continues to be reasonably active in its annual mission to provide a session of relevance to practicing members.
- There will be continued efforts this coming year to increase diversity of the PPC executive and ensure appropriate regional representation.

**Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the VP Technical, the CGS National Office or fellow Board members?**

No concerns or questions at this time.

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***Sustainable Geotechnics Committee  
Annual Report July 1, 2017 to June 30, 2018***

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**Section 1: General**

Date of report:	2 <sup>nd</sup> August 2018
Prepared by:	Tim Newson
Committee Chair:	Tim Newson
End of Committee Chair's Term:	September 2018

1) What is the mission statement, or main purpose, of your Committee? Has it changed?

The Sustainable Geotechnics Committee was established in January 2015 to:

- Raise the awareness of sustainable geotechnique for the development of sustainable and resilient civil infrastructure and society; and
- Promote education, research, practice and publications in Sustainable Geotechnique.

2) List one, or two or three (or more) specific things that your Committee will be working on, or wishes to accomplish, during the next CGS year (July 1, 2017 to June 31, 2018).

- Replace chair and increase activities of committee

## **Section 2: Current (Jan 1, 2018 - Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Tim Newson  
Past Chair: N/A  
Vice Chair: Dipanjan Basu  
Secretary: Ian Fleming  
Catherine Mulligan (Concordia University)  
Lukas Arenson (BGC Consultants)  
Roger Skirrow (Alberta Transportation)  
Sean Hinchberger (Hatch)  
Stan Gonsalves (exp)  
Tony Sangiuliano (MTO)  
Susanne Chan (MTO)

## **Section 3: Number of Committee Members (as of June 30, 2018)**

Executive Committee Members: 10  
Total members: 10

## **Section 4: Is your Committee affiliated with other organizations?**

No

If yes:

National affiliates and name(s) of CGS representative(s)

•

North American affiliates and name(s) of CGS representative(s)

•

International affiliates and name(s) of CGS representative(s)

•

## **Section 5: Committee Finances (as of June 30, 2018)**

Account Balance: \$0.00

## **Section 6: Committee Activities in past year (July 1, 2017 to June 30, 2018)**

- Liaison with equivalent committees for International Society and ASCE

- Conducted one executive committee meeting

**Section 7: Additional information or comments**

- Due to low activity we have lost a few committee members and need to recruit
- Need to replace the chair and reinvigorate the committee

**Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the VP Technical, the CGS National Office or fellow Board members?**

None

***Transportation Geotechnique Committee  
Annual Report July 1, 2017 to June 30, 2018***

**Section 1: General**

Date of report: July 30, 2018  
 Prepared by: Serge Bourque  
 Committee Chair: Serge Bourque  
 End of Committee Chair's Term: October 2020  
 Last time your Committee's CGS web page was updated: Jan 2017 (Don L)

1) What is the mission statement, or main purpose, of your Committee?

Statement:

The TGC promotes communication of best practices and latest technical development between geotechnical geoscientists in the field of transportation in Canada. It assists and encourages geotechnical conference and technical sessions and the upkeep of relevant links with other related professional societies.

The TGC's interest covers the broad areas of transportation-related geotechnique, including:

- Geotechnical design, construction and maintenance of transportation infrastructures
- Earthworks for transportation facilities
- Geomaterials and recycled materials
- Geotechniques for pavements, rail track and airfield
- Geotechniques for tunneling and directional drilling
- Geosynthetics and applications
- Sustainability, performance evaluation, and rehabilitation
- Geohazard Asset management (GAM) and environmental issues

More specifically the TGC works to:

- Organize and coordinate sessions on Transportation Geotechnique at the annual Canadian Geotechnical Conference, in collaboration with the Technical Divisions of CGS
- Act as a forum for discussion between industry, academics, and students on issues of research, education, and training
- Promote awareness of Transportation Geotechnique within the CGS, the geoscience community, and related fields through discussions, mini courses and webinars



- Liaise between CGS and other transportation-related national and international organizations
- Contribute to efforts that may be beneficial to the Transportation Geotechnique community

2) List one, or two or three (or more) specific things that your Committee will be working on, or wishes to accomplish, during the next CGS year (October 3, 2017 to October 2, 2018).

Goal:

1. Within the Geo-Edmonton conference: Ensure to include technical sessions with the Theme “Transportation Geotechnique” with a focus on tunnelling and directional drilling.
2. Develop collaboration with the Geo-Hazard Committee to develop joint technical sessions.
3. Organize a Webinar on the latest advancement on Trenchless Technologies to help assess geotechnical risks related to installation of underground utilities below roads, highways railways and pipelines.
4. In order to promote better communication and exchange of ideas across Canada on Transportation Geotechnique, formally invite a member of the Geotechnical Engineering team from every Provincial Department of Transportation and major Cities across Canada. Develop better contacts and encourage a forum for discussion through social media and / or others. (Similar to Railways but less formal).
5. Develop formal contacts and exchange of information with transportation geotechniques organizations outside Canada such as the TRB and the ISSMGE –TC202 (Transportation Geotechnics) and organize keynote speakers from the TRB.
6. Created a sub-committee with the goal of looking into speakers to have a panel discussion at the 2018 GeoEdmonton conference. The sub-committee is made up of the following members: Scott Peaker, Sarah Poot and Mario Ruel.
7. Organize technical session on Geotechnical Asset Management (GAM) and find keynote speakers
8. Update website with webinar/course information, as well as latest reports.
9. Update current active committee members and email lists.

## **Section 2: Current (as of October 3, 2017) Executive Committee Members and their Affiliations**

Chair: Serge Bourque, GEMTEC

Past Chair: Mario Ruel, CN Rail

Vice Chair: TBD

Secretary: Don Lewycky

## **Section 3: Number of Committee Members (as of October 3, 2017)**

Executive Committee Members: 4

Total members: 62±

Active Members 19

Comments:

- List to be updated by Don L this fall because some members seem to have been inactive for over 2 years.
- New members from DOT's and Cities across the Canada have been invited to join the committee.

## **Section 4: Committee is affiliated with which other organizations**

- Transportation Association of Canada (TAC) – Roger Skirrow
- Rail Ground Hazard Research Project (RGHRP) –Trevor Evans, Mario Ruel, Chris Bunce, Roger Skirrow, Tim Keegan, Jean Hutchinson, Melissa Ruel,

North American affiliates and names of CGS representatives:

- AEG Association of Engineering Geology – Mario Ruel

- TRB –Transportation Research Board – Mario Ruel, Chris Bunce, Dave Gauthier, Jean Hutchinson, Michael Hendry International affiliates and names of CGS representatives:
- ISSMGE-TC202 Transportation Geotechnics – Mario Ruel
- Georail – France – Mario Ruel

### **Section 5: Committee Finances (as of October 3, 2017)**

Account Balance:           \$0

- The committee has no budget to work with; however, money is available from the CGS to sponsor courses in an effort to raise the profile of the Committee across the country.

### **Section 6: Committee Activities in past year (October 3, 2017 to July 30, 2018)**

- Several members of the Transportation Geotechnique Group reviewed technical papers to fill five (5) sessions at the GeoOttawa conference in October 2017.
- Active involvement in the organization of technical sessions and paper review at the GeoEdmonton conference (see details in section 2).
- A MOU in progress with Roger Skirrow with TAC SMSC (TC members to submit geotechnical topics of national interest that TAC could bring forward as standards, guidelines or specifications document) as well as a MOU with the TRB.
- Initiated planning of Webinar for trenchless technology under transportation corridors.

### **Section 7: Additional information or comments**

Discuss goal of evolving the committee into a Division.

## *Membership Committee Annual Report July 1, 2017 to June 30, 2018*

### **Section 1: General**

Date of report:	July 31, 2018
Prepared by:	Sumi Siddiqua
Committee Chair:	Sumi Siddiqua
End of Committee Chair's Term:	December 2020

- 1) What is the mission statement, or main purpose, of your Committee? Has it changed?
- Promote the CGS Membership benefits to current and future members
  - Introduce additional ideas/initiatives that will build membership in the society
  - Design and develop a member satisfaction process
  - Support members with involvement and participation issues
  - Survey geo-professionals to understand where the CGS can provide more value
  - Promote volunteering opportunities
  - Track membership renewals

2) List one, or two or three (or more) specific things that your Committee will be working on, or wishes to accomplish, during the next CGS year (July 1, 2017 to June 31, 2018).

N/A

## **Section 2: Current (Jan 1, 2018 - Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Sumi Siddiqua

Past Chair:

Vice Chair:

Secretary:

Members:

Julie Therrien	Transports Québec
Maraika De Groot	Queen's University
Ramy Saadeldin	Stantec Consulting Ltd.
Vincent Castonguay	Université Laval
Gil Robinson	N/A

## **Section 3: Number of Committee Members (as of June 30, 2018)**

Executive Committee Members: 6

Total members:

## **Section 4: Is your Committee affiliated with other organizations? No**

National affiliates and name(s) of CGS representative(s)

North American affiliates and name(s) of CGS representative(s)

International affiliates and name(s) of CGS representative(s)

## **Section 5: Committee Finances (as of June 30, 2018)**

Account Balance: \$ N/A

## **Section 6: Committee Activities in past year (July 1, 2017 to June 30, 2018)**

- The first meeting for membership committee was held on March 07, 2018.
- Based on the discussions of the first meeting, two meetings were held in the month of May & June, The committee then prepared website description & membership benefit document.
- The next meeting will be held in August 09, 2018 when the committee discuss/develop survey questions. This questions will be distributed among all sections to get input/feedbacks.

## **Section 7: Additional information or comments**

- We would like to take this opportunity & ask the executive committee to provide us any questions they have for survey, we can include them in our questionnaires.

## **Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the VP Technical, the CGS National Office or fellow Board members?**

## OTHER REPORTS

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### *Geotechnical Research Board Annual Report July 1, 2017 to June 30, 2018*

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#### **Section 1: General**

Date of report: July 25th  
Prepared by: Bruno Bussi re and Greg Siemens  
GRB Chair: Bruno Bussi re  
End of Committee Chair's Term: 2019

1) What is the mission statement, or main purpose, of your Committee?

The mandate of the GRB is to monitor, stimulate, and promote research in the geotechnical and geoscience fields for the benefit of the profession and Canada.

Has it changed? No

2) List one, or two or three (or more) specific things that your Committee will be working on, or wishes to accomplish, during the next CGS year (July 1, 2017 to June 31, 2018).

- Give a half-day Workshop (or a webinar) at the next Canadian Geotechnical Conference (GeoEdmonton 2018) on the infrastructures grants offered by the Canadian Foundation for Innovation. If we cannot offer the activity this year, the event will be presented at the 2019 Canadian Geotechnical Conference.
- Stimulate, manage and evaluate submissions for the 2020 Colloquium Speaker (name to be announced at the 2019 Canadian Geotechnical Conference).

#### **Section 2: Current (Jan 1, 2018 - Dec 31, 2018) Executive Committee Members and their Affiliations**

Chair: Bruno Bussi re  
Past Chair: Murray Grabinsky  
Vice Chair: Greg Siemens  
Secretary: N/A

#### **Section 3: Number of Committee Members (as of June 30, 2018)**

Executive Committee Members: 2



Total members: 14 (see table below)

Comments:

- Greg Siemens has joined the GRB and has been elected as Vice Chair at the last GRB meeting in Ottawa.

The membership history and terms are indicated below:

Name	2017	2018	2019	2020	2021	2022
Bruno Bussière, UQAT	Chair	Chair	Chair	Past Chair	Past Chair	Past Chair
Murray Grabinsky, University of Toronto	Past Chair	Past Chair	Past Chair			
Greg A. Siemens, Royal Military College		Vice Chair	Vice Chair	Chair	Chair	Chair
Nicholas Beier, University of Alberta						
Ariane Locat, Université Laval						
Jean Côté, Université Laval						
Mamadou Fall, University of Ottawa						
Paul Simms, Carleton University						
Ian Moore, Queens University						
Jocelyn Grozic, University of Calgary						
Thomas Pabst, Polytechnique Montreal						
Jasmin Raymond, INRS-ETE						
François Duhaime, ÉTS						
Robert Chapuis, Polytechnique Montreal						

 First 3-year term       Second 3-year term

#### Section 4: Is your Committee affiliated with other organizations? No

If yes:

National affiliates and name(s) of CGS representative(s)

•

North American affiliates and name(s) of CGS representative(s)

•

International affiliates and name(s) of CGS representative(s)

•

#### Section 5: Committee Finances (as of June 30, 2018)

Account Balance: N/A

#### Section 6: Committee Activities in past year (July 1, 2017 to June 30, 2018)

- Annual Meeting held at the last Canadian Geotechnical Conference in Ottawa
- A half-day Workshop entitled *Research in the geotechnical and geoscience fields: tools and tips to improve the sector's performance* was organized by the GRB at the last Canadian Geotechnical Conference. Members of the organizing committee were: Bruno Bussière, Thomas Pabst and Nicholas Beier. 16 members of the research geotechnical community participated to the Workshop. The agenda was the following:
  1. 13h10-14h10 (15 min for questions) (Robert Therrien, NSERC): Research programs available for researchers in the geotechnical and geological sciences: emphasis on Strategic Projects, Collaborative Research, industry related program, Engage, Engage +

2. 14h10-14h40 (10 min for questions) Paul Simms (Carleton University): How to develop a successful CRD proposal and maintain fruitful relationships with industrial partners
  3. 14h40-15h10 (10 min for question) Craig Lake (Dalhousie University): Preparation of your CCV and Discovery Grant (DG) research proposal: tools and tips from a committee member of NSERC DG
  4. 15h10-15h30 Break
  5. 15h30-16h00 (10 min for questions) Industrial Partners (Mario Ruel, CN): Expectations of industrial partners in collaborations with researchers
- Preparation of the '2018 Annual Performance Review' submitted to the National Research Council, in order to help receive the NRC's financial subsidy for the CGS's national membership fee to the ISSMGE.
  - Evaluation of submissions and selection of the 2019 Colloquium (name to be announced at GeoEdmonton 2018)
  - Evaluation of selected papers (14) for the 2018 Gzowski Medal.

## Section 7: Additional information or comments

## Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the VP Technical, the CGS National Office or fellow Board members?

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### *Canadian Geotechnical Journal – Craig Lake and Daichao Sheng, Editors; Ian Moore, Consulting Editor Annual Report July 1, 2017 to June 30, 2018*

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The past year has seen significant change at the Canadian Geotechnical Journal with Ian Moore stepping down as Editor after 11 years. During Ian's time as editor, he has overseen significant growth of the journal and been responsible for many positive initiatives. In this volunteer editor position, Ian has given thousands of hours of his time to uphold the standards of the journal and maintain its operation. Without a doubt, the Canadian Geotechnical Journal has benefited from his selfless commitment. The current editors have established Ian as a "Consulting Editor" with the Canadian Geotechnical Journal to take advantage of his experience and assist us with ethical issues and appeals. We look forward to this new relationship with Ian.

A detailed report prepared by Canadian Science Publishing's Dr. Michael Donaldson is appended to this report. It provides details of the journal's statistics in 2017. In summary, during 2017, a total of 774 manuscripts were received (706 were received in 2016), with 209 published. The acceptance rate in 2017 was 27% based on the numbers published. This compares to an acceptance rate 23% in 2016. The Thomson Reuters' impact factor (an imperfect measure of journal quality, though one widely used) increased from 2.138 to 2.565. This ranking based on impact factor puts us slightly behind *Geotechnique* (Impact factor of 2.982). The impact factor has increased steadily over the past ten years, rising from 0.358 in 2007. Elsevier's 2017 SJR (SCImago Journal Rank, a measure of influence and prestige) dropped slightly from 1.977 to 1.813. Of course, these values vary from year to year, and we will maintain our efforts to sustain and improve the journal's high rankings.

A list of current Associate Editors is provided below:

D. Airey (The University of Sydney)	J. Ooi (University of Edinburgh)
E. Bowman (University of Sheffield)	J. Oswell (Naviq Consulting Inc.)
O. Buzzi (The University of Newcastle)	E. Palmeira (University of Brasilia)
J. Chai (Saga University)	R. Phillips (C-CORE)
Y.-J. Cui (Ecole des Ponts ParisTech/Laboratoire Navier)	K.K. Phoon (University of Singapore)
K. Gavin (Delft University of Technology)	

P. Guo (McMaster University)	R.K. Rowe (Queen's University)
J.L.H. Hayley (University of Calgary)	C. Shackelford (Colorado State University)
B. Hawlader (Memorial University of Newfoundland)	J. Sharma (York University)
B. Indraratna (University of Wollongong)	G. Siemens (Royal Military College of Canada)
G. Kouretzis (The University of Newcastle)	P. Simms (Carleton University)
J. Molson (Université Laval)	A. Take (Queen's University)
D. Muir Wood (University of Dundee)	C.W.W. D.D. Tannant (The University of British Columbia - Okanagan)
Ng (Hong Kong University of Science and Technology)	S. Tripathy (Cardiff University)
	D. Wijewickreme (The University of British Columbia)
	M. Xu (Tsinghua University)

It is with extreme sadness to report the untimely death of one of our Associate Editors, Tom Schanz. Canadian Science Publishing, the Editors and Associate Editors all extend our thoughts to his family during this difficult time.

Special thanks to Hesham El Naggar, Rajah Gnanendran, Jean Côté and Richard Merifield as Associate Editors who ended their terms. Their dedication is appreciated.

The further improvement in the rankings of the journal is the result of many factors. However, timely and effective reviews are a significant component of the journal's appeal to authors and readers. A recent change to the journal is the appointment of "Editorial Board Members" to act as reviewers, rather than Associate Editors. We are currently in the process of expanding this Editorial Board. These board members are:

L. Arenson (BGC Engineering Inc.)	S. Lourenco (The University of Hong Kong)
A. Arulrajah (Swinburne University of Technology)	F.A. Marinho (Universidade de São Paulo)
W. Baille (Rurh-Universitaet Bochum)	S. McDougall (University of British Columbia)
R. Beddoe (Royal Military of College of Canada)	R. Merifield (Douglas Partners Pty Ltd., Australia)
M. Cai (Laurentian University)	J.S. McCartney (University of California San Diego)
Y. Cai (Zhejiang University)	W. T Oh (University of New Brunswick)
C.Y. Cheuk (AECOM)	T. Pabst (École Polytechnique de Montréal)
J. Ching (National Taiwan University)	J. Pineda (The University of Newcastle)
N.C. Consoli (Federal University of Rio Grande do Sul (UFRGS))	H. Rahardjo (Nanyang Technological University)
M.R. Coop (University College, UK)	C. Rujikiatkamjorn (University of Wollongong)
A. Corkum (Dalhousie University)	A. Sadrekarimi (The University of Western Ontario)
B. Fatah (University of Technology, Sydney)	M. Sanchez (Texas A&M University)
J. Fonseca (City University of London)	J. Scalia (Colorado State University)
A. Giacomini (The University of Newcastle)	S.-L. Shen (Shanghai Jio Tong University)
C.T. (Rajah) Gnanendran (The University of New South Wales @ ADFA)	T. Shire (University of Glasgow)
M. Goudarzy (Ruhr-Universitaet Bochum)	N. Sivakugan (James Cook University)
M. Grenon (Université Laval)	S. Stanier (The University of Western Australia)
J. Hambleton (Northwestern University, USA )	N. Stark (Virginia Tech)
M. Hendry (University of Alberta)	D. Sun (Shanghai University)
Z-S. Hong (Southeast University, China)	A.M. Tang (École des Ponts ParisTech)
J. Huang (The University of Newcastle)	R.N. Taylor (City University London)
M. James (École Polytechnique de Montréal)	K.K. Tho (Fugro Singapore Pte Ltd.)
	C. Tsuha (University of São Paulo)
	A. Volkwein (WSL Swiss Federal Research Institute)

C. Jommi (Technische Universiteit Delft)  
B. Kurylyk (Dalhousie University)  
B. Lehane (The University of Western Australia)  
E.C. Leong (Nanyang Technical University)  
A. Leung (University of Dundee)  
L. Li (École Polytechnique de Montréal)  
K.-W. Liu (Queen's University)  
M.D. Liu (University of Wollongong)

S. Wang (The University of Newcastle)  
Y. Wang (City University of Hong Kong)  
L.-t. Zhan (Zhejiang University)  
M. Xu (Tsinghua University)  
S. Zhang (Central South University)  
X. Zhang (Missouri University of Science & Technology)  
A. Zhou (Royal Melbourne Institute of Technology (RMIT))

We thank D. Choudhury (Indian Institute of Technology Bombay) and A.J. Li (National Taiwan University of Science and Technology) for their service on the Editorial Board.

Without the volunteer efforts of our Associate Editors and Editorial Board Members, it would be impossible to carry out review of manuscripts for the journal. This is also true for the thousands of anonymous reviewers who perform an important, and sometimes thankless, role for the journal. We thank all of these individuals for their efforts in making the Canadian Geotechnical Journal one of the top geoenvironmental journals in the world.

We conclude by thanking the staff at Canadian Science Publishing for their support. In particular, we thank Donna Hartson for her excellent work as editorial assistant, and our sincere appreciation to the Managing Editor, Michael Donaldson, Scientific Publishing Editor, Lesia Beznaczk, and the team of copy editors and other staff at Canada Science Publishing.



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*Editorial Board Report 1*