



**THE CANADIAN
GEOTECHNICAL SOCIETY**

**LA SOCIÉTÉ CANADIENNE
DE GÉOTECHNIQUE**

2023

Annual Report / Rapport annuel

**(July 1, 2022, to June 30, 2023,
with some more recent information)**

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

**2023 BOARD OF DIRECTORS, OTHER POSITIONS AND NATIONAL OFFICE
MEMBRES DU CONSEIL DE DIRECTION ET DU PERSONNEL DU BUREAU NATIONAL, ET PERSONNES OCCUPANT D'AUTRES
POSTES EN 2023**

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		Engineering Geology Géologie de l'ingénieur	2024
President / Président	2024	Andrew Peach, P. Geo.	
Rob Kenyon, Ph.D., P.Eng., FEIC		andrew.peach@hatch.com	
president@cgs.ca / rkenyon@kgsgroup.com			
Vice President Technical Vice-président technique	2024	Geoenvironmental Géoenvironnement	2023
Craig Lake, PhD, FEIC, P.Eng.		Vincent Martin	
vpotech@cgs.ca / Craig.Lake@Dal.Ca		vincentmartin911@gmail.com	
Vice President Financial Vice-présidente aux finances	2024	Geosynthetics Géosynthétiques	2023
Pooneh Maghoul, Ph.D.		Fady Abdelaal	
vpfinance@cgs.ca / pooneh.maghoul@polymtl.ca		fady.abdelaal@queensu.ca	
Vice President Communications & Member Services / Vice-président Communications et services aux membres	2024	Rock Mechanics Mécanique des roches	2023
Eliane Cabot, P.Eng.		Jennifer J. Day, P.Eng., PGeo	
vpcomm@cgs.ca / eliane.cabot@newmont.com		day.jennifer@queensu.ca	
Young Professional Representative Représentante des jeunes professionnels	2023	Soil Mechanics and Foundations Mécanique des sols et des fondations	2023
Vincent Castonguay, P.Eng.		Lijun Deng, P.Eng.	
yrep@cgs.ca / vincent.castonguay.consultant@gmail.com		ldeng@ualberta.ca	
Divisions and Committees Representative Représentante des divisions et comités	2023	Groundwater Eaux souterraines	2023
Jennifer Day, P.Eng., PGeo		François Duhaime	
day.jennifer@queensu.ca		francois.duhaime@etsmtl.ca	
Section Representative Représentant des sections	2023	Section Directors Directeurs des sections	
Wesley Saunders, P. Eng.		Vancouver Island Geotechnical Group	2023
wsaunders@gkmconsultants.com		Caleb H. Scott, P.Eng.	
Division Chairs Présidents des divisions		cscott@thurber.ca	
Cold Regions Geotechnology Géotechnologie des régions froides	2022	Vancouver Geotechnical Society	2023
Ryley Beddoe		Marc Bossé, P.Eng.	
ryley.beddoe@rmc.ca		mbose@thurber.ca	
		Prince George Geotechnical Group	2023
		Warren Lemky, P.Eng.	
		warren.lemky@gov.bc.ca	

<i>Interior BC Section</i> Dwayne Tannant, P.Eng. dwayne.tannant@ubc.ca	2022	<i>Nova Scotia Section</i> Vince Goreham vgoreham@harboursideengineering.ca	2023
<i>Calgary Geotechnical Society</i> Lilianne Landry-Pare lilianne.landry-pare@hatch.com	2025	<i>St. John's Section</i> Shawn Russell shawn.russell@gemtec.ca	2024
<i>Geotechnical Society of Edmonton</i> Ken Froese, P.Eng. kfroese@thurber.ca	2023	<i>Editor-in-Chief, Canadian Geotechnical Journal</i> <i>Rédacteur en chef de Canadian Geotechnical Journal</i> Greg Siemens, P.Eng. siemensg@queensu.ca	
<i>Saskatoon Geotechnical Group</i> Bryce Marcotte, P.Eng. bmarcotte@srk.com	2024	<i>Editor, Canadian Geotechnique</i> <i>Directeur de rédaction, Géotechnique canadienne</i> Nicholas Beier, P.Eng. nabeier@ualberta.ca	2025
<i>Regina Geotechnical Group</i> Jenae Nixon jenae.nixon@wsask.ca	2024	<i>Representative of CSCE on CGS Board</i> <i>Représentant de la SCGC sur le Conseil de la SCG</i> Gopal Achari president@csce.ca	June 2023
<i>Manitoba Section</i> David Kurz, P.Eng. dkurz@kqsgroup.com	2023	<i>Chairs of Committees</i> <i>Présidents Comités</i>	
<i>Thunder Bay Section</i> Wesley Saunders, P. Eng wsaunders@gkmconsultants.com	2023	<i>Education Committee</i> <i>Comité sur l'éducation</i> Cheng Lin, Ph.D., P.Eng. chenglin918@uvic.ca	2025
<i>Sudbury Section</i> André Bom, P. Eng. Andre_Bom@golder.com	2023	<i>Geohazards Committee</i> <i>Comité sur les géorisques</i> Ariane Locat ariane.locat@gci.ulaval.ca	2024
<i>London Section</i> Philips Aby philips.abby@exp.com	2024	<i>Heritage Committee</i> <i>Comité sur le patrimoine</i> Heinrich K. Heinz, P.Eng. HHeinz@thurber.ca	2023
<i>Southern Ontario Section</i> Charles Crans cqcrans@outlook.com	2024	<i>Mining Geotechnique Committee</i> <i>Comité sur la géotechnique minière</i> Ahlam Abdunabi aabdunabi@thurber.ca	2025
<i>Kingston Section</i> E. Maria Skordaki emskordaki@gmail.com	2023	<i>Professional Practice Committee</i> <i>Comité sur la pratique professionnelle</i> Seán Mac Eoin, P.Eng. sean.maceoin@tetrattech.com	2023
<i>Ottawa Geotechnical Group</i> Paul Simms, P.Eng. paul_simms@carleton.ca	2023	<i>Sustainable Geotechnics Committee</i> <i>Comité sur la géotechnique durable</i> Catherine Mulligan, ing. catherine.mulligan@concordia.ca	2023
<i>Section régionale Ouest-du-Québec</i> Mourad Karray Mourad.karray@usherbrooke.ca	2023		
<i>Section régionale Est-du-Québec</i> Vincent Castonguay vincent.castonguay.consultant@gmail.com	2024		
<i>New Brunswick Section</i> Christopher McQueen, P.Eng. Christopher.McQueen@englobecorp.com	2023		

<p>Transportation Geotechnique Committee Comité sur la géotechnique des transports Harpreet Panesar, P.Eng. sales@soilrocks.ca</p>	<p>2023</p>	<p>CGS National Office / Bureau national de la SCG 2167 166 Street, Surrey, BC V3Z 0V6 Tel: 604 277 7527 info@cgs.ca</p>
<p>Membership Committee Comité des membres Justyna Kos-Fairless, P.Eng. jkosfairless@suncor.com Vincent Castonguay, P.Eng. vincent.castonguay.consultant@gmail.com</p>	<p>2023</p>	<p>Executive Director / Directeur général Michel Aubertin, Ph.D. ExecDir@cgs.ca ; DirGen@cgs.ca</p> <p>Administrator / Administrateur Karma-Link Management Services</p>
<p>Geotechnical Research Board Conseil de la recherche en géotechnique Marolo Alfaro Marolo.Alfaro@umanitoba.ca</p>	<p>2023</p>	<p>Director, Communications and Society Operations / Directrice, Communications et opérations de la Société Lisa Reny admin@cgs.ca</p>
<p>Past President / Président sortant Ian Moore, P.Eng. moore@civil.queensu.ca</p>	<p>2023</p>	<p>Coordinator, Communications and Member Services Coordonnatrice, Communications et services aux membres Emily Fournier efournier@cgs.ca</p>

REPRESENTATIVES ON OTHER ORGANIZATIONS /
REPRÉSENTANTS AUPRÈS D'AUTRES ORGANISATIONS

Representative to EIC Council
Représentant sur le Conseil de l'ICI
(CGS President /Président de la SCG)
Rob Kenyon Ph.D., P.Eng., FEIC
president@cgs.ca / rkenyon@kgsigroup.com

Representative to CFES Council
Représentant sur le Conseil de la FCST
Jennifer J. Day, P.Eng., PGeo
day.jennifer@queensu.ca

Representative to CSCE Board
Représentante sur le Conseil de la SCGC
(CGS President /Président de la SCG)
Robert Kenyon, P.Eng.
president@cgs.ca / rkenyon@kgsigroup.com

It is an honour and my privilege to prepare my first annual report as CGS President and to provide a summary of key achievements, activities and initiatives over this past year. If 2022 was the year we returned to meeting in a post-Covid environment, the year 2023 has seen many new activities and initiatives developed within CGS, details of which are found in the many accompanying annual reports prepared by CGS Sections, Divisions and Committees. I do want to thank all the CGS members who have supported my presidency, in particular each member of the Executive Committee, who have maintained the outstanding engagement in our Society and have been so active in its diverse business.

Our thanks and congratulations to **Justyna Kos-Fairless** and **Daniel Bertrand** and the Local Organizing Committee of GeoCalgary 2022 for hosting our 75th Canadian Annual Geotechnical Conference. The conference was a huge success in all aspects as our VP Technical **Craig Lake** reports. A special thanks to every member of the LOC, who arranged the excellent technical and social programs, workshops, short courses, and activities. We do also thank our corporate sponsors and exhibitors without whom we could not be hosting events like this. Your support is critical to ongoing CGS activities and initiatives.

On a personal level, it was my pleasure to represent CGS at the 2023 ASCE Geo-Institute GeoCongress in Los Angeles in March, the Engineering Institute of Canada Board meeting and Gala Celebration in Ottawa in May, and the CSCE annual Board Meeting and Conference in Moncton in May. Your CGS is constantly looking to establish and maintain working relationships with other technical societies, where we can address common issues and share resources to the benefit of our members.

Under VP Tech **Craig Lake's** guidance, the Society continued its return of the in-person Cross Canada Lecture Tour (CCLT) with Prof. **Steve Kramer**, University of Washington touring our Sections this past spring and Prof. **Hesham El Naggar**, Western University, ON, scheduled for the fall tour. Many thanks to **Lisa Reny** and the Karma-Link management team for organizing the logistics for these very successful tours. Craig has also updated and improved the selection criteria and process for the CCLT speakers, to include representation from Sections, Divisions and Committees.

Under recent CGS VP Technical guidance, **Rob Kenyon** and **Ken Skaffeld** have completed the editing of the *Canadian Foundation Engineering Manual, 5th Edition (2023)*. This expanded and updated edition of the Manual is in its final publishing stage, as I prepare this report. This edition was made possible through the incredible volunteer contributions of the individual Chapter Leads and their collaborators, and the External Reviewers. We are also indebted to the Senior Advisory Committee (SAC), some of whom had been involved in producing previous editions of the Manual, and whose guidance and advice were invaluable as we started the planning, organizing, and assigning Chapter Leads and Reviewers. We would be remiss not to acknowledge the excellent publishers, Canadian Science Publishing (CSP), in particular **Lesia Beznaczuk**, Scientific Publishing Editor, and **Judy Hum-Delaney**, Director Publishing Technologies for CSP. They were highly professional, making Ken's and my job so much easier, from draft chapters through final production.

The Canadian Geotechnical Journal (CGJ) continues to maintain its reputation for excellence under the editorship of **Greg Siemens** and **Charles Ng**. The journal enjoys strong publication metrics, typically ranking in the top quarter of all geotechnical journals worldwide. This year, CGJ's publisher, CSP, has embarked upon a five year strategic plan for re-organization, which includes transitioning to open access, publishing with a stronger focus on Canadian authors and Canadian expertise, and maintaining its reputation as a trusted publisher of peer review journals. 2022 was the last year of paper copies of our beloved CGJ: as of the January 2023 issue, the journal is available in digital format only.

Your VP Communications and Membership Services, **Eliane Cabot** has worked extensively with the Membership Committee, chaired by **Justyna Kos-Fairless** and **Vincent Castonguay**, and the newly created Young Professional Committee, chaired by **Kshama Roy**, in initiating a trial Mentoring Program, the Young Professionals webinar series, and the National Geo-Wall competition for students at GeoSaskatoon 2023. The YP Committee also created a LinkedIn group

page on a trial basis. Other Committees or Divisions may follow this initiative, after the EC has had the opportunity to evaluate this first trial. Amongst other new activities, a Task Force has been formed, chaired by **Vincent Castonguay** and **Justyna Kos-Fairless**, to review the architecture, content, and operation of our current website platform; this TF is working in close collaboration with **Bill Reny** of Karma-Link.

On a separate initiative, an Equity Diversity and Inclusion (EDI) Task Force, chaired by **Sumi Suddiqua**, has been tasked with engaging our membership and developing guidelines to help CGS incorporate appropriate EDI principles in key aspects of its operations. This past year, CGS hosted a number of online webinars focusing on Equity, Diversity and Inclusion and workshops are planned for GeoSaskatoon and at other upcoming events.

VP Finance, **Pooneh Maghoul** has been very effective this year in steering the finances of the Society with assistance from **Bill Reny** of Karma-Link. It has been a challenging year, coming out of Covid and not being able to predict if and how CGS revenues would rebound. At the same time, inflation is high and some of our costs have risen significantly. Members may appreciate the challenges faced by the VP Finance when working through the budgeting process. Thank you so much to Pooneh, who has also contributed so much time to support other initiatives that you are reading about here.

Our CGS Committees and Divisions, as coordinated and represented by **Jennifer Day** on the EC, have been particularly active this past year, with activities outlined in their individual annual reports. As examples of what I mean by that, planning is actively underway to host the 8th International Permafrost Conference, in Whitehorse in 2024, IGS-NA GeoAmericas 2024 in Toronto as well as the 2026 International Conference on Geosynthetics in Montreal. On the Committee side, the CGS Geohazards Committee has started planning for the Geohazards 9 Conference 2025, in Edmonton, the Heritage Committee continues to efficiently fulfill its role in documenting historical aspects of our Society, and the Professional Practice Committee has recently established an MOU between CGS and the Geotechnical Business Association (GBA) of America. These are just some of the highlights, and I urge you to read the individual reports for further details.

You will note when reviewing the various reports that the newly created YP Committee, chaired by **Kshama Roy** and reporting to the YP Representatives, **Leanne McLaren** and **Vincent Castonguay**, has been particularly active during this past year. Those activities have included the trial Mentorship Program, the monthly Webinars, the GeoWall competition in Saskatoon, and a YP LinkedIn page on a trial basis. YP members have also contributed behind the scenes to so many of the other endeavours of the Society.

The individual Sections of our Society across the country, under Sections Representative **Wes Saunders**, remain healthy and strong and most have returned to normal activities this past year. Total membership and participants in local Sections was approximately 3800, some 101 individual in-person events were organized amongst the 20 Sections; the financial situation of most Sections remains quite healthy.

The extent and breadth of all the activities I summarize here, or which are detailed in other reports, would not be possible without the support of our CGS Executive Director **Michel Aubertin**, and the National Office management skills of Karma-Link with **Lisa and Bill Reny**, **Emily Fournier**, and **Lesia Beznaczk**. Their support enables your CGS volunteers to do the things we do on behalf of our members. Finally, a special thanks to **Ian Fleming**, **Terry Werbovetski** and the GeoSaskatoon 2023 LOC who have been working so hard to welcome us at the Saskatoon Conference.

Additional information is provided in the summary reports by the VP's and other members of the EC. The CGS Annual Report, with contributions from all Board members will be available to all members on the CGS website later this fall.

C'est un honneur et un privilège pour moi de préparer ce premier rapport annuel à titre de Président de la Société canadienne de géotechnique (SCG) et de présenter un résumé des principales réalisations, activités et initiatives de la dernière année. Si 2022 a été l'année de la reprise de nos rencontres en présentiel dans un contexte post-COVID, l'année 2023 a été l'occasion pour la SCG de réaliser plusieurs nouvelles activités et initiatives, qui sont présentées en détail dans les nombreux rapports annuels préparés par nos Sections, Divisions et Comités. Je tiens à remercier tous les membres de la SCG qui m'ont appuyé jusqu'à présent durant cette présidence, en particulier chacun des membres du Comité exécutif pour leur engagement exceptionnel et leur participation aux diverses activités de notre Société.

Nos remerciements et félicitations à **Justyna Kos-Fairless** et à **Daniel Bertrand**, ainsi qu'au comité organisateur local de GéoCalgary 2022, pour avoir accueilli notre 75^e Conférence canadienne annuelle de géotechnique. La conférence a connu un énorme succès sur tous les plans, comme le rapporte notre Vice-président technique, **Craig Lake**. Un merci spécial à tous les membres du Comité organisateur local de Calgary ayant orchestré les excellents programmes techniques et sociaux, les ateliers, les cours intensifs et diverses activités. Nous remercions également nos commanditaires et exposants sans lesquels nous ne pourrions organiser de tels événements. Votre soutien est essentiel aux activités et initiatives de la SCG qui se déroulent régulièrement.

Sur le plan personnel, j'ai eu le plaisir de représenter la SCG au GeoCongress 2023 du Geo-Institute de l'ASCE à Los Angeles en mars, à la réunion du Conseil de l'Institut canadien des ingénieurs et à son Gala qui se sont tenus en mai à Ottawa, ainsi qu'à la réunion annuelle du Conseil et à la conférence de la Société canadienne de génie civil (SCGC) qui ont eu lieu en mai dernier à Moncton. La SCG cherche constamment à établir et à maintenir des relations de travail avec d'autres sociétés techniques, qui nous permettent d'aborder des enjeux communs et de partager des ressources au profit de nos membres.

Sous la direction du Vice-président technique, **Craig Lake**, la Société a poursuivi le redémarrage en mode présentiel de la Tournée de conférences transcanadienne (TCT) en invitant le Professeur **Steve Kramer**, de l'Université de Washington, qui a visité nos sections au printemps dernier, ainsi que le Professeur **Hesham El Nagggar**, de l'Université Western, en Ontario, dont la présence est prévue pour la tournée d'automne 2023. Un grand merci à **Lisa Reny** et à l'équipe de gestion de Karma-Link pour avoir organisé la logistique de ces tournées qui ont remporté un grand succès. Craig Lake a également mis à jour les critères et le processus de sélection des conférenciers de la TCT, afin d'inclure des représentants des Sections, Divisions et Comités.

Grâce à l'appui du Vice-président technique de la SCG, **Rob Kenyon** et **Ken Skafffeld** ont pu terminer en tant que coéditeurs la production du *Canadian Foundation Engineering Manual, 5th Edition (2023)*. Au moment de rédiger le présent rapport, cette édition étoffée et actualisée du Manuel en est au stade menant à la publication finale. La réalisation de cette édition a été rendue possible grâce à la contribution bénévole exceptionnelle des auteurs principaux et de leurs collaborateurs, ainsi que des réviseurs externes. Nous sommes également redevables au Comité consultatif supérieur (CCS), dont certains membres avaient participé à la production des éditions précédentes du Manuel. Leurs conseils et leur soutien ont été précieux lorsque nous avons commencé la planification et l'organisation de la production, ainsi que lors de l'affectation des auteurs principaux et des réviseurs aux différents chapitres. Nous nous en voudrions de ne pas reconnaître la contribution de notre excellente maison d'édition, Canadian Science Publishing (CSP), ainsi que la collaboration particulière de **Lesia Beznaczk**, réviseuse d'éditions scientifiques, et de **Judy Hum-Delaney**, directrice des technologies de publication chez CSP. Elles se sont acquittées de leurs tâches d'une façon extrêmement professionnelle, ce qui a grandement facilité le travail de Ken Skafffeld et le mien, depuis les ébauches des chapitres jusqu'à la production finale.

La revue *Canadian Geotechnical Journal* (CGJ) conserve sa réputation d'excellence sous la direction des rédacteurs **Greg Siemens** et de **Charles Ng**. La revue, qui bénéficie de solides indicateurs de qualité, se classe généralement dans le peloton de tête des revues de géotechnique dans le monde. Cette année, l'éditeur de la CGJ, CSP, s'est lancé dans un plan stratégique quinquennal de réorganisation. Ce plan comprend notamment la transition vers la publication en libre accès en mettant davantage l'accent sur les auteurs et le savoir-faire canadiens, ainsi que sur la conservation de sa réputation en tant qu'éditeur respecté de revues avec évaluations par des pairs. L'année 2022 est aussi la dernière année de production sur papier de la CGJ. À partir de janvier 2023, la revue est disponible en édition numérique seulement.

La Vice-présidente aux communications et aux services aux membres, **Éliane Cabot**, a travaillé avec le Comité des membres, dirigé par **Justyna Kos-Fairless** et **Vincent Castonguay**, et le Comité des jeunes professionnels (JP) nouvellement créé, dirigé par **Kshama Roy**, pour lancer un programme pilote de mentorat, une série de webinaires pour les JP, et le concours national Geo-Wall pour les étudiants participant à GéoSaskatoon 2023. Le Comité des JP a également créé une page de groupe sur LinkedIn à titre d'essai. D'autres Comités ou Divisions pourraient suivre cette initiative, lorsque le Comité exécutif aura évalué cette première expérience. Parmi les autres initiatives, un groupe de travail a été formé, dirigé par **Vincent Castonguay** et **Justyna Kos-Fairless**, pour examiner l'architecture, le contenu et le fonctionnement de la plate-forme actuelle de notre site Web. Ce groupe travaille en étroite collaboration avec **Bill Reny** de Karma-Link.

Dans le cadre d'une initiative distincte, un groupe de travail sur l'équité, la diversité et l'inclusion (ÉDI), dirigé par **Sumi Suddiqua**, a été chargé de mobiliser nos membres et d'élaborer des lignes directrices pour aider la SCG à intégrer les principes ÉDI appropriés dans ses principales activités. Au cours de la dernière année, la SCG a organisé un certain nombre de webinaires en ligne axés sur l'ÉDI; des ateliers sont aussi prévus à GéoSaskatoon et dans le cadre d'autres événements à venir.

Pooneh Maghoul, Vice-présidente aux finances, avec l'aide de **Bill Reny** de Karma-Link, a été très efficace cette année dans la gestion des finances de la Société. Ce fut une année difficile, notamment en raison de l'impossibilité de prédire, à la sortie de la pandémie de COVID-19, si les revenus de la SCG allaient rebondir et si oui, dans quelle mesure. En même temps, il a fallu tenir compte d'une inflation galopante et d'une hausse importante de certains de nos coûts. Nul doute que les membres sont conscients des défis auxquels est confrontée la Vice-présidente aux finances lorsqu'elle travaille à l'élaboration du budget. Un grand merci à Pooneh Maghoul qui a également consacré beaucoup de temps à soutenir d'autres initiatives dont vous prenez connaissance dans le présent rapport.

Les Comités et Divisions de la SCG, coordonnés et représentés au Comité exécutif par **Jennifer Day**, ont été particulièrement actifs au cours de la dernière année (vous trouverez une description de leurs activités dans leurs rapports annuels respectifs). Par exemple, des membres de la SCG planifient activement l'organisation des événements suivants : la 8th International Permafrost Conference, qui se tiendra à Whitehorse en 2024, la conférence GeoAmericas 2024, qui sera présentée à Toronto par la Section nord-américaine de l'International Geosynthetic Society et l'International Conference on Geosynthetic 2026 qui aura lieu à Montréal. Le Comité sur les géorisques de la SCG a commencé à planifier la 9^e Conférence sur les géorisques de la SCG qui se tiendra en 2025, à Edmonton. Pour sa part, le Comité sur le patrimoine continue de remplir efficacement son rôle de documentation des aspects historiques de notre société, tandis que le Comité sur les pratiques professionnelles a récemment conclu un protocole d'entente entre la SCG et la Geotechnical Business Association (GBA) of America. Ce ne sont là que quelques-uns des faits saillants de nos activités. Pour de plus amples renseignements à ce sujet, je vous invite à lire les rapports individuels.

Si vous jetez un coup d'œil aux différents rapports, vous remarquerez que le Comité des JP nouvellement créé, dirigé par **Kshama Roy** et relevant des représentants des JP au Comité exécutif de la SCG, **Leanne McLaren** et **Vincent Castonguay**, a été particulièrement actif au cours de la dernière année. Parmi les activités réalisées, on peut rappeler le programme pilote de mentorat, les webinaires mensuels, le concours GeoWall à Saskatoon et une page

LinkedIn des JP à titre d'essai. Les JP membres de la SCG ont également contribué dans les coulisses à plusieurs autres initiatives de la Société.

Partout au pays, les Sections locales de notre Société, œuvrant en collaboration avec le représentant des Sections sur le Comité exécutif **Wes Saunders**, demeurent dynamiques et en bonne santé. D'ailleurs, la plupart ont repris leurs activités normales au cours de la dernière année. Le nombre total de membres et de participants dans les Sections était d'environ 3 800 personnes. Quelque 101 événements individuels en mode présentiel ont été organisés dans les 20 Sections. On note aussi que la situation financière de la plupart de celles-ci demeure saine.

Toutes les activités résumées ici ou détaillées dans d'autres rapports n'auraient pas pu avoir une telle portée ou envergure sans le soutien du Directeur général de la SCG, **Michel Aubertin**, et les compétences en matière de gestion de nos collègues de Karma-Link, **Lisa** et **Bill Reny**, **Emily Fournier** et **Lesia Beznaczuk** au bureau national. Leur aide permet aux bénévoles de la SCG de réaliser tous ces accomplissements au bénéfice de nos membres. Enfin, un merci spécial à **Ian Fleming** à **Terry Werbovetski** et aux membres du Comité organisateur local de GéoSaskatoon 2023 qui ont travaillé très fort pour nous accueillir à la Conférence de Saskatoon.

Vous trouverez des renseignements supplémentaires dans les rapports sommaires des vice-présidents et d'autres membres du Comité exécutif. Le rapport annuel de la SCG, qui contient les contributions de tous les membres du Conseil de direction, sera mis à la disposition de tous les membres, plus tard cet automne, sur le site Web de la SCG.

The main technical activities undertaken in the past year are summarized below.

Cross Canada Lecture Tour (CCLT)

The CCLT is a very successful program with the tour stops being highly sought after by the local sections. The Spring/Summer 2023 speaker was Prof. **Steve Kramer**, University of Washington, USA. The Fall 2023 speaker is Prof. **Hesham El Nagggar**, Western University, ON. The Spring 2024 speaker will be Prof. **Ellen Rathje**, University of Texas, USA. The Fall 2024 speaker will be Prof. **Jocelyn Hayley**, University of Calgary, AB. The travel for the CCLT is funded by the Canadian Foundation for Geotechnique and the generous support of industry: ConeTec Inc., Geopier / Geosolv (new for Fall 2023 - first time sponsoring), Reinforced Earth Company, Rocscience (new for Fall 2023 - first time sponsoring), and Thurber Engineering. The CGS wishes to thank everyone involved in planning, sponsoring, and hosting of these talks each year. Previously recorded CCLTs are available for members on the CGS website under their member login. The CGS Board has recently approved a new selection process for the CCLT speaker which will be implemented for future CCLTs.

Canadian Foundation Engineering Manual (CFEM)

The production of the next version of Canadian Geotechnical Engineering Manual (CFEM 2023) is slated before the end of 2023. Details on purchasing the CFEM will be available soon. A sincere thanks to CFEM Editors **Rob Kenyon** and **Ken Skaffeld** as well as the many volunteers responsible producing the latest version of the CFEM.

Colloquium and Colloquium Lecture Series

The Colloquium Lecture Series is strong and active and has been showcasing young emerging talents within CGS for decades. The 2022 Colloquium speaker was Nicholas Beier from the University of Alberta. Nicholas has given the following Colloquium Lectures:

- Queensland Tailings Group (Brisbane, Australia) - Nov 21, 2022
- UBC Vancouver - March 21, 2023
- Ottawa Geotechnical Society - April 12
- Thunder Bay Geotechnical Society (Lakehead University) - April 17
- Kingston, Queens, RMC - April 19
- Polytechnique Montreal - June 13
- Edmonton Geotechnical Society - Nov 30, 2023 (Planned)

The 2023 Colloquium speaker will be Pooneh Maghoul from Polytechnique Montréal, as selected by the Geotechnical Research Board. The selection process for the 2024 CGS Colloquium has been completed with the 2024 Colloquium Speaker to be announced at GeoSaskatoon 2023.

CGS/SCG Sponsored, Co-Sponsored and Supported Conferences

- **GeoCalgary 2022** was hosted by the CGS-Southern Alberta Section. There were 660 delegates and guests in attendance and 218 technical papers and posters presented, in addition to the keynote speakers, special sessions and short courses. The final conference report has been submitted to CGS. On behalf of the entire CGS community, thank you to all of the LOC that made the conference a great success!
- **Canadian Young Geotechnical Engineers Conference, cYGEGC 2022 (Young Professionals (YP) Conference)** was held in Banff, AB prior to GeoCalgary. The conference was well attended, attracting 40 delegates comprising a mix of geotechnical engineering/geoscience students and early career professionals from across Canada.
- **GeoSaskatoon 2023** has been working diligently at planning for this year's conference which is being jointly organized with the IAH and IGS-NA. The technical program will include over 175 oral and poster presentations,

as well as 4 short courses. The following CGS keynote lectures are planned: (i) 2023 RM Hardy Keynote Address: Murray Fredlund; (ii) 2023 Canadian Geotechnical Colloquium: Pooneh Maghoul; (iii) IGS-NA Keynote Address: Jorge Zornberg; (iv) IAH Keynote Address: Stephanie Wright; (v) Heritage Luncheon featuring Del Fredlund.

- **GeoMontreal 2024** will be a joint CGS and IAH conference. It is now in the planning stages with the LOC starting to finalize the details for the event in downtown Montreal. More on this will be provided at GeoSaskatoon 2023.
- **GeoManitoba 2025** has formed their LOC and is beginning planning. The event will be co-hosted with the CPA. The MOU for the event in Winnipeg is in its final stages.
- **YP Conference 2025** has formed their organizing committee and started initial conference planning. This YP event will be held in conjunction with GeoManitoba 2025.
- **8th Geohazards Conference** has submitted the final conference report to CGS.
- **The 12th International Conference on Permafrost (ICOP2024)** will be held in Whitehorse, Yukon between June 16 and 20, 2024. This specialty conference is being organized by Canadian Permafrost Association with involvement of the Cold Regions Geotechnology Division.
- **GI GeoCongress 2024** is being held in Vancouver in February 2024. Members of the VGS are assisting with the conference. Registration will open in Sept. 2023.

MOUs, Conference Report Review and Other Activities

- The review of the final report of Virtual GeoNiagara 2021 has been completed. The revised report has been submitted to CGS.
- The MOU for GeoSaskatoon 2023 has been finalized and signed.
- The 1st draft MOU for GeoMontreal 2024 has been finalized. The Chair of GeoMontreal 2024 is reviewing and discussing the MOU with the LOC.

Divisions and Committees

Divisions and Committees have been actively returning to in-person events throughout the past year. Several specialty conferences (as noted above) have been organized by CGS Divisions and Committees. Online events are also proving useful to reach more CGS members across the country. Most Divisions and Committees have held several online meetings with their EC members over the past year to establish communication with their active members.

CGS Local Sections

Most CGS Local Sections have remained active over the last year as shown in the reports submitted by the CGS Section Representative and Section Directors. Sections held an average of 5.6 events. The events consisted primarily of in person events. CGS Local Section work continues to be a very important part of CGS operations and the CGS Executive Committee would like to extend thanks to all of the volunteers in local sections for creating their relevant geotechnical programming.

Canadian Geotechnical Research Board (GRB)

The GRB chaired by Marolo Alfaro continued to promote research within the geotechnical community.

Canadian Geotechnical Journal (CGJ)

The CGJ continues to be an internationally recognized journal and an excellent resource for our members. The CGJ's 2-year impact factor is 3.6, while its 5-year impact factor is 4.3. The CGS has members who serves as Editor in Chief, Associate Editors and Reviewers.

Vice-President Finance Annual Report – Pooneh Maghoul

Introduction

The following is a statement of the CGS finances for 2022-2023. Unless stated otherwise, all numbers are in thousands (000s) of dollars.

CGS acknowledges the work of Karma-Link, who provided the main numbers below and coordinated with the Auditors.

FY 2022 Profit & Loss Summary (000s)

Period: Jan 1 – Dec 31	FY 2021 Audited (For Comp.)	2022			
		Budget	Audited	Variance from Budget	Variance from Budget (%)
Membership Dues	218.9	225.0	227.1	2.1	-
Publications	17.5	10.0	14.4	4.4	44%
Conferences	3.3	30.0	107.3 ¹	77.3	258%
Sponsorships	29.0	30.0	19.3	(10.7)	(36%)
Miscellaneous	3.7	5.0	8.8 ²	3.8	76%
Total Income	272.4	300.0	376.9	76.9	26%
Int'l. Memberships	2.2	15.0	3.9 ³	11.1	74%
Conferences/CCLT	4.2	9.0	20.8 ⁴	(11.8)	(131%)
Publications	92.4	95.0	87.8 ⁵	7.2	8%
Wages & Staff Fees	169.1	174.0	176.2	(2.2)	(1%)
Society Operations	55.5	60.0	58.6	0.3	2%
New Initiatives	1.0	5.0	5.0	-	-
Miscellaneous	-	2.0	8.2 ⁶	(6.2)	(310%)
Bad Debt	15.8				
Total Expenses	340.2	360.0	360.5	(0.5)	-
Profit (Loss)	(67.8)	(60.0)	16.4	74.2	
Profit Margin					

¹GeoCalgary's net profit (106,255.65) & 1025.08 from "Other Conferences".
²Income from: Interest, EIC career site and Transportation course with JD Mollard (net revenue).
³Canadian Permafrost Association (3860.0)
⁴Conferences (14,512.22\$) & Net Legget Dinner Expenses (431.11\$) & Student Assistance (5,900\$) & Net CCLT Costs less partial funding from CFG
⁵Canadian Geotechnical Journal (25,000\$) & CFEM 4th Edition commission to KMS (4,307\$) & CGS Magazine (58,500\$)
⁶Misc expenses for 2022 include the fees paid to JD Mollard for the transportation committee course.

Notes to 2022 P&L:

Income

- Total income in 2022 has increased by **26%** compared to the 2022 Budget, which is largely due to the net profits from the GeoCalgary 2022 Conference.

Expenses

- Total expenses were \$500 greater than the 2022. Expenses are slightly higher in 2022 compared to 2021 largely due to the impact of inflation.
- The significant increase in the expenses related to Conferences/CCLT is due to the post-pandemic in-person events, travel costs, and inflation.

FY 2023 Budget and Current Forecast (000s)

Period: Jan 1 – June 30, 2023	FY 2022	FY 2023			
		Budget	To June 30, 2023	Full Year Forecast	FY Forecast vs Budget
Membership Dues	227.1	250.0	242.0	312.0 ¹	25%
Publications	14.4	60.0	7.1	30.0	(-50%)
Conferences	107.3	20.0	0.0	42.2 ²	111%
Sponsorships (corp. & events)	19.3	20.0	23.3	33.0 ³	65%
Other (interest)	8.8	5.0	5.0	16.0	220%
Total Income	376.9	355.0	254.1	433.2	22%
Int'l. Memberships	3.9	15.0	14.2	15.0	0%
Conferences/CCLT	20.8	10.0	5.5	45.0 ⁴	(35%)
Publications	87.8	90.0	43.1	115.0	(28%)
Wages & Staff Fees	176.2	185.0	89.5	185.0	0%
Society Operations	58.6	67.0	28.5	75.0 ⁵	(12%)
New Initiatives	5.0	3.0	1.5	14.5	(383%)
Miscellaneous	8.2	2.0	0.0	2.0	0%
Total Expenses	360.5	372.0	182.2	451.5	(21%)
Profit (Loss)	16.4	(17.0)	71.8	(18.3)	

¹Strong renewals from members and \$35 K from non-members attending GeoCalgary 2022.
²GeoSaskatoon's net profit & GeoHazards 2022 (22,241.05\$).
³Sponsorships for the National Student GeoWall Competition (11,500\$) & the CGS International Women in Engineering Day (\$1,500) & Corp. sponsorships (20,000\$)
⁴Conferences/CCLT: In addition to the considerations in the 2023 Budget, there are additional costs related to the post-Covid in-person Spring meetings (as resonated in the expenses in 2022), and the inflation in 2023.
⁵Due to the inflation (12% increase)

Notes to Accompany Summary of Revenues and Expenses

Income

- Income for 2023 is expected to be \$433 K compared to \$355 K in the budget, a 22% increase. This is mainly due to a significant increase in membership and additional sponsorships so far.
- First-half & forecast membership dues of \$242.0 K and \$312.0 K (25% of increase with respect to the 2023 budget and 37% of increase with respect to the 2022 actuals) are the result of strong renewals from members and \$35 K from non-members attending GeoCalgary 2022.

CGS had a total of 1385 active members on August 1, 2023, compared to 1286 active members on June 30, 2022, and 1155 active members for the same time period in 2021. The creation of the YP committee and student chapters, the mentorship program, and other initiatives within CGS have also contributed to this increase. CGS Membership breakdown is as follows:

CGS Membership Breakdown

	As of Dec 31, 2022	As of Sep 14, 2023
Regular Members CA	900	1,051
Regular Members INT	62	63
Retired Members CA	67	63
Retired Members INT	13	10
Student Members (paid)	105	115
Student Members (comped)	151	94
Honorary Life Members	4	4
IAH Second Society	7	2
CSCE Second Society	5	9
Total	1,314	1,411

- Despite the upcoming Canadian Foundation Engineering Manual (CFEM) 5th Edition (2023) CGS's publication revenue from CFEM, 4th Edition, in 2023 amounted to \$7.1 K. As of June 30, 2023, a total of 31 copies of CFEM (4th Edition) were sold, compared to 34 and 46 copies during the same period in 2022 and 2021, respectively.
- CGS/Karma-Link has approached over 40 companies (new and existing ones) for corporate sponsorships. As of July 21, 2023, 10 companies (Clifton Associates, GKM Consultants, Naviq, Thurber, Downunder Geotechnical Limited, Trek Geotechnical, Keller, Geokon, Hatch, KGS Group) have confirmed their corporate sponsorships and been invoiced. Additional Corporate Sponsors are expected by the end of 2023.
- KGS Group and Thurber sponsored the CGS International Women in Engineering Day webinar, \$750 each.
- The YP committee has been successful in fundraising for the first CGS National Geo-Wall Competition at the GeoSaskatoon 2023 Conference: Calgary Geotechnical Society (\$2,500), Klohn Crippen Berger (\$1,000), Stantec (\$2,000), Thurber (\$3,000), WSP in Canada Inc. (\$3,000), Total: \$11,500, as of August 1, 2023. This amount will be placed in the YP Committee Restricted Account, to be created soon.

Expenses

- Expenses for 2023 is expected to be \$451.5 K, 21% higher than \$372 K in the projected 2023 budget. This is mostly because of the increase in Society Operations, in-person meetings and travel costs (in part due to the inflation), and new initiatives (national geowall competition and EDI initiatives).
- Conference and publication costs are higher in 2023 mostly due to inflation.

Balance Sheet as of December 31, 2022

		2022	2021
Assets	Cash (chequing & savings)	154.9	301.4
	Restricted Funds	62.3	49.9
	Accounts Receivable	149.2	9.7
	Advances receivable (seed funds)	40.0	47.0
	Loans to CFG	335.0	335.0
	Intangible Assets	85.7	32.5
	Equipment	0.1	0.2
Total Assets		\$ 827.2	\$775.7

Liabilities	Accounts Payable & Accrued Liabilities	80.5	68.3
	Deferred revenue	68.2	57.6
Total Liabilities		\$148.6	\$ 125.9

Net Assets	Unrestricted	616.3	599.8
	Internally Restricted – Cold Regions	12.8	12.8
	Internally Restricted – Engineering Geology	8.8	8.8
	Internally Restricted – Education Committee	23.0	18.2
	Internally Restricted – Geohazards Committee	10.2	10.2
	Internally Restricted – Soil Mechanics	3.5	0
	Internally Restricted – Transportation Committee	4.1	0
Total Net Assets		678.6	649.6

Total Liabilities & NA		\$827.2	\$775.7
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Notes and significant factors impacting the Balance Sheet

Seed Funds:

- Seed Funds Repaid in 2022:
 - GeoCalgary: \$20 K
- Outstanding Seed Funds as of Dec 31, 2022
 - Geohazards 8: \$8 K (repaid in 2023)
 - YP 2022 Conference: \$7 K (repaid in 2023)
- Seed Funds issued in 2023 (as of Oct 14, 2023):
 - GeoMontreal 2024: \$20 K
 - ICOP 2024: \$10 K

CFEM 5th Edition:

- Value of CFEM 5th Edition Capitalization: \$85,751 (as of Dec 31, 22)
- Note: The current value of the CFEM 5th Edition Capitalization is \$ 98,013.06 (as of Sep 14, 22)
- There will be an additional payment of \$20 K to the CFEM editors in 2024 which will bring the total capitalization of the project to ~ \$120 K

Section 1: General

Date of report: August 19, 2023

Prepared by: Eliane Cabot, VP Communications and Member

End of Term: December 2024

Section 2: Membership

The Membership Committee (MC), chaired by Justyna Kos-Fairless & Vincent Castonguay since January 2023, continued to meet virtually on a monthly basis throughout the year. A total of 8 members, including 2 optional ones (YP Committee Chair and Section Representative) are involved.

There was 1385 total members as of August 1st, 2023, which is an increase of 5% (71 members) compared to the same time last year.

To name only a few of the great successes emerging from the collaboration with the YP Committee, the membership committee is particularly proud of the mentoring program, the Young Professionals monthly webinar series and the National Geo-wall competition. A full list of activities and projects undertaken by the YP Committee can be found in their annual report.

The Webpage task force proposal submitted by VP Communications and Membership Committee on June 1st, 2023, was approved by the EC on June 13, 2023. A calendar of activities was discussed and the team is currently finalising a questionnaire to survey all members with the intention of presenting a summary of the findings at GeoSaskatoon (Oct 2023).

Similarly, the Membership Committee may review a recent member suggestion to consider the feasibility and interest of creating of a CGS phone app to facilitate interactions with members.

Section 3: Communication

The E-News were issued every month in the past year and continues to be an effective communication tool, with an average of 50% open rate, with slightly lower % in June and December months. Thanks to Karma-Link.

Last fall CGS celebrated its 50th anniversary and a special heritage section was published in the Canadian Geotechnique. GeoCalgary initiatives and successes were also acknowledge and a tribute was given to the Southern Ontario Sections for their activities. We extend our thanks to Nick Beier, CG Editor, Lisa Reny, Managing Editor, Emily Fournier Editorial Assistant and Karma-Link publishers.

Social media followers (Twitter, Instagram and LinkedIn) continued to increase throughout the year, especially for LinkedIn which saw an increase of 2229 followers (22%) with a total of 10,079 followers (August 14, 2023). In order to continue to raise followers and provide relevant and regular content CGS will continue to only have one social media account and post on behalf of all the Divisions and Committees.

YP Committee created a group on LinkedIn in 2022. It is being monitored by the National office and EC members till October 2023. It may serve as an example for other groups to be formed. Interest was voiced by the RM Division and Transport Geotechnique Committee.

At GeoCalgary2022, very enthusiastic members attended the Women's Breakfast and a great interactive session was presented by Jean Hutchinson et al.

In March 2023, a series of online webinars focussing on Equity, diversity and inclusivity (EDI) was held. The authors and presentation titles are summarised below:

- [Chloe Arson](#), Georgia Tech, March 6, 1pm EST, Title: “Teaching EDI in Civil and Environmental Engineering”
- [Sumi Siddiqua](#), UBC, March 7, 2 pm EST, Title: “What (does) it takes to create a diverse and inclusive research group?”
- [Pooneh Maghoul](#), Polytechnique Montreal, March 8, 2:30 pm EST, Title: “What does it really mean to belong?”

The EDI task force proposal, submitted by Sumi Siddiqua, on April 18, 2023, was approved by the EC on June 13, 2023. Survey (list of questions under review) of the EC and the rest of the CGS members is underway. Additionally, work groups to draft policies and guidelines are being formed and external resources consulted. Lastly, the task force is preparing a workshop with Panel and audience interaction during the technical sessions at GeoSaskatoon 2023.

To celebrate International Women in Engineering Day, the CGS hosted an online webinar on June 23rd, 2023 by [Imogen Coe](#), Professor at Toronto Metropolitan University. In addition to being an academic scientist, Prof. Coe is one of Canada’s leading advocates for organizational change towards inclusive excellence in research, particularly in science and medicine. She runs a consulting company providing advice and training on inclusive excellence and has advised federal and national funding agencies on how to integrate equity, diversity and inclusion (EDI) principles into diverse research cultures. Advertisements were posted on social media and an article will be published in the CGS magazine (Fall 2023, TBC).

Recent edits to the CGS webpage included roll out banners of social media posts. Also, discussions with Pronet are underway to review the possibilities of creating a volunteer corner. These discussions may be paused by the modernization project of the CGS webpage undertaken by the Membership Committee (Webpage Task Force).

Section 4: Website

Looking at the google analytics data between June 30th, 2022, and August 18th, 2023, the CGS website had 36,489 users visit its pages, which represents a 16% increase compared to the previous year. 12% were returning visitors and about 10% logging into the Member’s site. Some of the top pages visited are the Newsletter, Membership, Internal Groups and the Canadian Foundation Engineering Manual.

Visitors came from around the world; however, Canada, United States, Germany and China represent 80% of all the users. 6% of all the users were French speaking.

The demographic would indicate that we are pursuing the right goals by trying to focus on young professionals to grow our membership and aim to increase the percentage of diverse members. Approximately 50% of the visitors were under 34 years old with the next bracket (35-44 years old) representing another 21%. Female users accounted for 36%. This is consistent with what was observed last year, with a slight increase of female users.

Section 5: In person Event

One of the goals of the membership committee was to provide networking opportunities for our female members. In support of that goal a Women / EDI (Equity Diversity Inclusion) workshop is planned for **GeoMontreal (September 2024)**. A draft proposal from Heather Brooks (BGC Eng) was received on April 20, 2023, and communicated to François Duhaime on June 13, 2023. It is under review by the organizing committee.

Section 6: Planned Initiatives 2023-24

The Membership Committee will focus on the following for the months to come:

- Promoting the CGS Membership benefits to current and future members
- Introducing additional ideas/initiatives that will build membership in the society
- Designing and developing a member satisfaction process

- Supporting members with involvement and participation issues
- Surveying geo-professionals to understand where the CGS can provide more value
- Promoting volunteering opportunities

Significant projects in the forecast for next year include specifically include:

- Indexing of conference proceeding for easier search though the CGS database with Alexander Tyler-Noonan and Kent Bannister and the Professional Practice Committee. A Road map of the Indexing Process will be presented at the August 22, 2023, Board Meeting and a Recording (about 5min) explaining the project should be available at GeoSaskatoon;
- Updating of the CGS ADM Manual (Communication chapter) in collaboration with Karma-Link and the National office;
- Initiatives of the EDI Task Force led by Sumi Siddiqua;
- Analysis of the Web site modernization Task Force led by Vincent Castonguay and Justyna Kos-Fairless.

Young Professional Representative Summary Report – Vincent Castonguay

Section 1: General

Date of report: August 11, 2023

Prepared by: Vincent Castonguay, acting Young Professional (YP) Representative for Leanne McLaren

End of Term: December 31st, 2023

Section 2: Report on young member events

- CGS Young Professionals Conference 2022: 41 delegates registered for the conference, held in Banff, Alberta from Thursday September 29, 2022, to Saturday October 1, 2022, inclusive. The conference theme was “Risky Business”, speakers included Matthias Jakob, Pooneh Maghoul, Ian Moore, Heinrich Heinz, and Shelby Yee. Delegates presented a 3-minute elevator pitch as well as a technical poster on a technical topic of their choice. This last installment of the YP conference series was yet again very successful.
- CGS Young Professionals Conference 2025: an organizing committee was formed, led by Jenna Roadley and Jack Park, and a letter of intent was favorably received by the CGS. The organizing committee will submit a conference proposal at the end of 2023 or the beginning of 2024. The conference will be held within a 4h drive of Winnipeg, most likely the week before GeoWinnipeg.
- GeoCalgary2022: A YP Icebreaker was held on Sunday October 2 which will include some “icebreaker” games and activities to help YPs get to know each other and some more experienced professional mentors.
- GeoSaskatoon 2023: A GeoWall competition is organized by students from the University of Saskatoon Student Chapter. The competition will be held on Sunday Oct. 1st, 2023, during the IceBreaker at GeoSaskatoon. Students from around Canada will be invited to form teams to participate in a friendly reinforced wall competition.

Section 3: Website and communications

- Through the Young Professionals Committee, young professionals initiatives, conferences and opportunities were shared with the interested audience via a dedicated private LinkedIn group.
- A few articles were published in Canadian Géotechnique which highlighted young professionals initiatives.

Section 4: Finances

- No finance is managed by the YP Representative. There is money in a reserved fund under the Education Committee that can be used for Young Professional or Student Initiatives.

Section 5: Affiliations with other organizations

- The CGS YP Representative was regularly in contact with other YP representatives from other countries through an initiative led by the ISSMGE.

Section 6: Young professionals awards

- The CGS Early Achievement award was awarded to Rajib Dey at GeoCalgary.
- The CGS submitted Kshama Roy's candidacy for the ISSMGE 2024 Bright Spark Lecture Award.

Section 7: CGS Student Chapters

- No new CGS Student Chapters were added in 2022-2023 (apart from the officialization of the Montréal chapter). However, the effect of covid-19 is still present in many chapters around Canada, where online schooling led to sometimes improper or even inexistent executive committee transitions. The Kingston and UBC student chapters are hence considered dormant. Efforts should be allocated in reviving these chapters and maintaining the others, as the CGS views this initiative very favorably.

Section 8: Young Professionals Committee

- The CGS Young Professionals Committee was created in January 2022, so this report covers the first complete year of activity of the committee. The committee was very active and led many endeavors. A separate report dedicated to the committee's activities is annexed to this report.

Section 9: Additional information or comments

- Leanne McLaren was unable to assume her Young Professional Representative duties during roughly the second half of 2023 while she was on leave. Vincent Castonguay covered Leanne's position in the interim (starting May 1st, 2023, still ongoing at the time of writing this report). No new young professional initiatives were started by Vincent, given the uncertainty of the duration of his involvement as Leanne's interim.

SECTION REPORTS

Sections Representative Annual Report – Lesia Beznaczuk, Lisa Reny and Michel Aubertin for Wesley Saunders

At the time when this summary report was prepared, reports were missing for 2 sections (Thunder Bay and Kingston). The statistics being reported by local Sections on CGS membership and student participation are thus incomplete. Improving on metrics monitoring should be considered.

All reporting Sections had at least one event, and the majority were in-person; 13 Sections held one or both CCLTs. The maximum was 11 events, with an average of 5.6 events per Section for the 2022/2023 year; this is a 25% increase over the 2021/2022 average of 4.5 (most of which were online events).

Comparisons between Sections must be interpreted based on the context of individual Sections reporting practices, with some Sections reporting numbers from mailing lists and others using paid members. The statistics reported, which reflect the hard work by the volunteer base, have shown an increased attendance level for individual events. The return to in person events has been actively embraced by the community and 2022/2023 has proven to be another strong year.

A few years ago, the BOD targeted an increase in Section Directors interactions, to routinely communicate, have regular meetings and share information on ongoing events or upcoming activities as well as facilitate nationally coordinated events and publications. This has proven to be effective through the meetings held in 2022 and the collaboration between sections; unforeseen events in 2023 impacted this effort so far this year.

Based on the information provided in the Section reports (but without personal conversations with each Section Director), it appears that lifting of restrictions across Canada during the 2022/2023 year has improved attendance at in-person activities for many Sections. While online technical presentations have continued in some cases and have been hosted successfully (and could be shared with others), the number of attendees participating in these events are not clearly and consistently reported so it is difficult to assess the overall success. One benefit of the online events is that many sections are recording presentations that are then made available to broader audiences through the local Section webpages and online content providers such as YouTube. An initiative has been undertaken to collect these resources to a central database so they can be accessed more easily; however, an update on this initiative is not currently available.

During this past year (1 July 2022 to 30 June 2023), approximately 169 members of Section Committee Executives — all volunteers — served their roughly 3780 Section participants and arranged a total of about 100 events (technical and social) with approximately 4900 in attendance (additional data for some events are still pending, and will increase this number). These numbers do not include the attendance at GeoCalgary 2022 or virtual events. The CGS continues to serve the geotechnical community well at a local level and is encouraging involvement of students and other members.

Nine Sections have their own website to promote events, and a few also have a presence on LinkedIn and other social media. When the National Office is notified of upcoming events (or notices them on social media), they are promoted via the CGS National social media accounts.

As noted above, the summary below is based on the 18 Section reports received to-date (out of 20 in total). It is noteworthy that total participants and membership increased in the Sections (+32%), while the number of CGS members in 2022 remained stable. The number of events increased (+25%), but the total in-person participants decreased (–17%, pending additional data). The total finance balance decreased over the past year (–20%), which may be indicative of the Sections now being able to use their funds for in-person events. The data provided by the Sections to-date are summarized in the table below.

Table 1: CGS Section Activity Summary.

Section	Membership						Number of Events					Total Events	Total Attendance	Sponsor Student?	Finance
	Executive		Local		CGS		CCLT	Technical Lectures	Workshop & Short Courses	Student Events	Social Events				
	Total	Students	Total	Students	Total	Students									
Vancouver Island	4	0	120		30		2	5		1		9	235	N	\$ 5,060.71
Vancouver	12	1	374	31	103		2	8	1			11	714	Y	\$84,035.48
Prince George	4	0	25		15		0	1				1	12	N	\$ 8,482.77
Interior BC	5	0	75				0	1				1	25	?	\$9,000.00
Edmonton	19	1	214	51	70		2	5		2		9	382*	Y	\$64,000.00
Calgary	18	1	337		100		2	5	1		1	9	228**	Y	\$27,519.79
Saskatoon	12	1	200	20	29	4	1	4		2		7	275	Y	\$13,296.18
Regina	10	0	10		20		0	6				6	155	?	Did not report
Manitoba	10	1	54		42	13	2	4			1	7	164	Y	\$46,000.00
Thunder Bay ¹	2	0	23	5	4	1	0					0	0	Y	\$ 2,956.56
Sudbury	1	0					0	2				2	65	N	\$ 0.00
London	10	0	330		20		0	2		1		3	61	N	\$ 4,950.00
Southern Ontario	15	1	800		272		2	6		1	1	10	1208	N	\$53,385.00
Kingston ¹	8	2			100		0								\$ 8,000.00
Ottawa	14	1	163				2	6		1		8	381	Y	\$24,853.00
L'ouest-du-Québec	9	1	500				2	2		1		5	345	Y	\$32,000.00
L'est-du-Québec	13	1	489		62	17	2	7				9	583	Y	\$153,634.05
New Brunswick	5	0	50		20		1					1	25	N	\$ 257.87
Nova Scotia	3	0	22	2	22	2	2					2	29	N	\$16, 546.47
St. John's	5	0	18		12		1					1	12	Y	\$37,404.72
2023 Totals	169	9	3781	104	817	36	23	64	2	9	3	101	4899	9	\$507,026.57
2022 Totals	157	11	2858	85	823	25	11	64	4	2	2	81	5931	9	\$635,502.72

*Does not include virtual attendance of 218.

**Attendance for one technical lecture, one short course, and one social event not included (data not available).

¹Sections not providing 2023 reports (shaded grey) show data from the 2021–2022 report, which have not been included in the 2023 and 2022 totals.

Key takeaways from the submitted reports:

- Lifting of health restrictions enabled Sections to host more in-person events, to help maintain engagement with their membership.
- Many of the smaller sections have a limited number of events at this time and some may be working with the larger sections to participate in their events.
- Some sections are recording the online lectures and posting on various platforms. An initiative could consider consolidating these to a single resource.
- Lack of report submissions by some sections should be addressed.
- For next year's Section Annual Report template, it is recommended that separate lines be added so that Sections can provide (1) the URL of the Section website and (2) social media accounts and their handles (and possibly a third line if they have a Section-specific email address).
- It was beneficial to distribute a list of all local CGS members (active and inactive) to each individual Section Director last year contributed to an increase in membership numbers for the reports. This practice should continue.

In the 2021/2022 report, a note was included about the potential to create a section for the Hamilton / St. Catharines / Niagara Region, but this situation has not progressed this year.

***Vancouver Island BC (Victoria) Section
Annual Report July 1, 2022 to June 30, 2023***

Formal Section Name: **Vancouver Island Geotechnical Group (VIGG)**

Section 1: General

Date of this report: June 30, 2023

Prepared by: Caleb Scott

Section Director: Caleb Scott

End of Section Director's Term: anticipated Summer 2024 if replacement found

Is there a link from your separate Section website to the CGS website? No, we don't have a website.

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Chair: Caleb Scott – Thurber Engineering Ltd.

Program Director: Donald Kaluza - WSP

Treasurer & Registrar: Jeff Ferraby – BC Ferries

Member At Large: Shane Haxton - Ryzuk Geotechnical

Section 3: Number of Section Members

Executive Committee Members: 4

Total members (if possible, student and non-student members): Approximately 120 on our mailing list. We do not have a paid membership model.

Total CGS members (if possible, student and non-student members): Approximately 30 based on list from CGS

Does your Section do anything specific to attract new members? Can the National Office or newly formed Membership Committee help support your endeavours?

Comments:

- We currently underserve parts of our region outside of greater Victoria due to the travel time required to participate at in-person events. Adding a virtual option (hybrid events) may increase participation but is not financially sustainable in our current model. Support on finding viable hybrid models (e.g., paid virtual option) could be helpful to our membership growth.

Section 4: Section Finances

Account balance \$5060.71
 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 GeoSaskatoon 2023 (Admin Manual App 12)? No

Comments:

- .

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
Sept 8, 2022	Bengt H. Fellenius, Dr.Tech., P.Eng.	Long-term monitoring of load and settlement of 70 m tall towers over thick subsiding soil	20
Oct 6, 2022	Lalinda Weerasekara, Ph.D., P.Eng.	An improved method to account for superstructure impact on pile-supported bridge abutments in lateral spreading areas	20
Nov 28, 2022	Catherine N. Mulligan	Fall 2022 CCLT - Sustainable practices for geotechnical engineering	30
Dec 14, 2022	Chris Weech, M.A.Sc., P.Eng.	Changes in Seismic Site Response Analysis Approach to be Consistent with the 6th Generation Seismic Hazard Model of Canada	30
Jan 25, 2023	Richard Hebda	Beyond the edge of the Ice: Searching for the limits of Late Pleistocene glaciers on Vancouver Island	30
Mar 1, 2023	Biao Li	Computational geomechanics for geo-energy engineering and sustainable geotechnics	15
Apr 5, 2023	Chris Vervaeke P.Eng.	Piling Technologies, Static Pile Testing, and Pile Load Definitions	30
May 2, 2023	Steve Kramer	Spring 2023 CCLT - Performance-Based Design in Geotechnical Engineering Practice	35
Jun 14, 2023	University of Victoria Graduate Students in Civil Engineering 1. Mian Huang 2. David Evans 3. Jiming Liu	1. Field Experimental Investigation of Geosynthetics-stabilized Flexible Pavement in Surgeon County, Alberta 2. Comparison of embedded beam piles and volume piles for the analysis of laterally loaded pile groups using Plaxis 3D 3. Cyclic Triaxial Tests on clays in Victoria	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?

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

No

Southern BC (Vancouver) Section
Annual Report July 1, 2022 to June 30, 2023

Formal Section Name: Vancouver Geotechnical Society

Section 1: General

Date of this report: 2023.06.23
Prepared by: Marc C. Bossé
Section Director: Vancouver
End of Section Director's Term: December 31, 2023 (will extend 1 year to end 2024)
Is there a link from your separate Section website to the CGS website? Yes, first one on the links page.

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

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

Section 3: Number of Section Members

Executive Committee Members: 13
Total members (if possible, student and non-student members): 360 regular, 31 student, 14 lifetime
Total CGS members (if possible, student and non-student members): 103 (not directly tracked by VGS)

Comments:

- No extraordinary measures are done to attract members. Exec will typically handle mass registration at their firms, emails sent to remind people to register.
- Membership notionally resets with the AGM next year.

Section 4: Section Finances

Account balance \$84,035.48
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 GeoSaskatoon 2023 (Admin Manual App 12)? Yes

Comments:

- It was generally a successful program year for the VGS.
- The attendance is more variable compared to pre-covid. Seismic will always pack the seats.

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
2022.09.16	Multiple	VGS Symposium	170 (±)
2022.11.16	Chris Weech	Changes in Seismic site response analysis approach to be consistent with the 6th generation seismic hazard model of Canada	+90
2022.11.29	Catherine Mulligan (CCLT)	Sustainable practices for geotechnical engineering	28 (snow)
2022.11.29-30	Jason DeJong, David Elwood, Diego Marchetti	ConeTec-VGS Short Course: Modern In-Situ Testing Techniques to Improve Site Characterisation	100 (±)
2023.01.24	Heather Hughes-Adams	Bridges to Prosperity - 2022 Cyarera Bridge Project - joint event with the Tunnelling Association of Canada (TAC)	+50
2023.02.23	Diane Moug, A.P., Portland State Uni.	Field trials of microbially induced desaturation for earthquake liquefaction mitigation in Portland, Oregon.	34
2023.03.23	Gregg Korbin	Lessons learned from the SR-99 highway tunnel project in Seattle – Owners Perspective	48
2023.03.28	Anthony Hedge	Mining, sustainability, and mine design criteria in the context of a changing society. (UBC distinguished lecture)	+40
2023.05.01	Steve Kramer	Spring CCLT – Next generation liquefaction hazard analysis – data, issues, and model development	+80
2023.05.12	Bengt Fellenius	Basics of Pile Foundations (1-day short course)	64
2023.05.17	Mason Ghafghazi	Tailings-specific liquefaction assessment	10

Section 6: Additional information or comments

- The VGS Symposium is scheduled for September 15. I think this will become the new custom as having it in the fall provides more time and avoids conflicts with high school graduation events. <http://v-g-s.ca/2023-symposium>
- The VGS contributed \$10,000 to the capital base for the VGS award. The plan is to split it into two awards for Civil and Geological entrants into a graduate program. This will likely be when the proceeds from the next CGS Vancouver are available.

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.

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?
Yes.

**Northern BC (Prince George) Section
Annual Report July 1, 2022 to June 30, 2023**

Formal Section Name: Northern BC (Prince George) Section

Section 1: General

Date of this report: July 12, 2023

Prepared by: Warren Lemky

Section Director: Warren Lemky

End of Section Director's Term:

Is there a link from your separate Section website to the CGS website? No

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Chair: Warren Lemky, Ministry of Transportation and Infrastructure

Past Chair/Treasurer: Dave McDougall, Thurber Engineering Ltd. (Previously GeoNorth)

Vice Chair: Vacant

Secretary: Mark Dresen, Thurber Engineering Ltd. (Previously GeoNorth)

Section 3: Number of Section Members

Executive Committee Members: 4

Total members (if possible, student and non-student members): ~25

Total CGS members (if possible, student and non-student 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? No, we are small community that most engineers are part of.

Comments:

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Section 4: Section Finances

Account balance \$8482.77

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 GeoSaskatoon 2023 (Admin Manual App 12)? No

Comments:

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Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
Nov 22/22	Chris Vervaeke	TerraCana Helical Pile Presentation (Vender)	12

Section 6: Additional information or comments

- We hosted our first presentation since COVID on November 22, 2022 that was venter sponsored. It was pretty poorly attended with only 5 in person attendees and another 7 virtually. The PGGG is still having slow progress in getting our group restarted following COVID due to workload in the region and remote work.

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?

Our section has had a real difficult time getting back into operation following COVID. This has been due to many factors from workload, shifts to remote work so not wanting to attend events, and general disengagement. We are continuing to strive to reengage but hopefully the national conference is okay with our lack-luster performance over the past several years.

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

No

*Interior BC (Kelowna) Section
Annual Report July 1, 2022 to June 30, 2023*

Formal Section Name: BC Interior Geotechnical Group

Section 1: General

Date of this report: Aug. 2, 2023
Prepared by: Dwayne Tannant
Section Director: Dwayne Tannant
End of Section Director's Term: 2023
Section's CGS web page address: NA
Last time your Section's CGS web page was updated: NA
If your Section has a separate website, please provide address: NA
Is there a link from your separate Section website to the CGS website? No

Section 2: Past (as of Dec 31) Executive Committee Members and their Affiliations (employers or, if students, universities)

Chair: Dwayne Tannant
Past Chair: -
Vice Chair: -
Secretary: -
Treasurer: Glen Rutherford

Section 3: Current (Jan 1, 2022-Dec 31, 2023) Executive Committee Members and their Affiliations (employers or, if students, universities (these will be posted on your Section webpage)

Chair: Kevin Bodnar, GeoPacific
Past Chair: Dwayne Tannant, UBC Okanagan
Vice Chair: Stephen Renner, Ecora
Secretary: none
(Add others as necessary) Treasurer: Glen Rutherford, WSP
Jennifer Clarke, Clarke Geosciences

Section 4: Number of Section Members (as of Dec 31, 2022)

Total members (if possible, student and non-student members): email list with 75 addresses that work (diverse group of people)

Section 5: Section Finances (as of Dec 31, 2022):

Account balance ~\$9000
 Does your Section charge members an annual fee? No

Section 6: Section Activities, past year			
Date	Speaker/Other	Topic/Subject	Attendance
Nov. 30, 2022	Michael J. Laws, P.Eng., Ecora	Impacts on Highway 8 in BC due to the November 2021 Flood	~25

**Northern Alberta & Territories (Edmonton) Section
 Annual Report July 1, 2022 to June 30, 2023**

Formal Section Name: Geotechnical Society of Edmonton

Section 1: General

Date of this report: July 17, 2023
 Prepared by: Ken Froese
 Section Director: Ken Froese
 End of Section Director's Term: December 31, 2023
 Is there a link from your separate Section website to the CGS website? Yes

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

President: Kevin Wallin, University of Alberta
 Past President: Zion Yua, Thurber Engineering Ltd.
 Vice President: Michael Sampson, Klohn Crippen Berger
 Secretary: Menuka (Max) Dassanayake, City of Edmonton
 Program Chair: Colin Dreger, University of Alberta
 Treasurer: Krishna Dhungana, WOOD
 Registrar: Don Lewycky, retired
 Website: Ken Froese, Thurber Engineering Ltd.
 Communications: Vincent Huang, TransMountain
 Student Representative: Naveel Islam, University of Alberta
 Member at Large: Murray Innes, Mobile Augers
 Member at Large: Jared Deloin, WSP
 Member at Large: Jorge Rodriguez, Klohn Crippen Berger
 Member at Large: Lulu Zhang, BGC Engineering
 Member at Large: Paul Lach, City of Edmonton
 Member at Large: Rishi Adhikari, Alberta Transportation and Economic Corridors
 Member at Large: Shelly Bratke, ARKK Engineering
 Member at Large: Wesley Kasha, WSP
 Board Member (UoA): Albert Liu/Nicholas Beier, University of Alberta

Board Member (NAIT): Kateri Adamczak/Jeffrey Chapin, NAIT
 CGS Section Director: Ken Froese, Thurber Engineering Ltd.

Section 3: Number of Section Members

Executive Committee Members: 20
 Total members (if possible, student and non-student members): 214
 Total CGS members (if possible, student and non-student members): ~70

Does your Section do anything specific to attract new members? Can the National Office or newly formed Membership Committee help support your endeavours?

Comments:

- We hold a student mixer event in the fall to welcome new and returning University and technical college students. They are provided a free membership with the nominal registration fee (\$5).
- Working members are brought in by word of mouth and the Executive encouraging registration in their respective workplaces.

Section 4: Section Finances

Account balance \$64,000
 Does your Section charge members an annual fee? Yes
 If so, how much? \$15, \$10 for CGS members, \$5 students, \$0 for Stan Thomson
 Award winners and retirees
 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 GeoSaskatoon 2023 (Admin Manual App 12)? Yes

Comments:

- Balance does not include the \$20,000 in recallable loan with the CFG.

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
Oct. 19, 2022	Akhila Palat (student), Morgernstern Award Winner Colin Dreger (student), GSE sponsored student to 2022 GeoCalgary	Evaluation of the geomechanical behavior of fiber-reinforced clay soil Large-scale stiffness tests bounding a deep bedding plane in the Shaftesbury Shales	42
Nov. 7, 2022	Renato Macciotta, CGS Colloquium	Slope Risk Management in Light of Uncertainty, Environmental Variability, and Design Confidence	42
Dec. 1, 2022	Catherine Mulligan, CCLT	Sustainable practices for geotechnical engineering	36
Jan 19, 2023	Tanys MacGowan	Past, Present, and Future Perspective of EOR	39
Feb. 2, 2023	Joint Session with CSCE: Rod Kostachuk	Ten Mile Slide Stabilization	~200 online
Mar. 23, 2023	Don Proudfoot	Mitigating Landslides Affecting Highway 40	47
Apr 12, 2023	UACGS Retaining Wall Competition	Retaining wall design competition	80
May 3, 2023	Steve Kramer, CCLT	Performance-Based Design in Geotechnical Engineering Practice	51 + 18 online

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
May 16, 2023	Corey Froese	Advancements in the Characterization and Forecasting for Deep Seated Landslides in the Western Canada Sedimentary Basin (WCSB)	45

Section 6: Additional information or comments

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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?

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes

***Southern Alberta (Calgary) Section
Annual Report July 1, 2022 to June 30, 2023***

Formal Section Name: Southern Alberta

Section 1: General

Date of this report:

Prepared by: Lilliane Landry-Pare and members of the Southern Alberta Executive Committee

Section Director: Lilliane Landry-Pare

End of Section Director's Term:

Is there a link from your separate Section website to the CGS website? Yes (<https://cgygeosociety.org/>)

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

2023-2024 CyGS Executive Committee		
Position	Name	Affiliation
Chair	Susanne Ouellet	BGC Engineering
Co-Chair	Jack Park	BGC Engineering
Past Chair	Aditi Khurana	Stantec
Treasurer	Daniel Bertrand Jarret MacDonald	Klohn Crippen Berger Klohn Crippen Berger
Event Coordinator - In-Person	Scott Riege	Klohn Crippen Berger
Event Coordinator - Online	Marco Arrieta	Teck
Announcement Coordinator	Ward Algar	Klohn Crippen Berger
Webmaster	Baocheng Li	AECON Foundations
Social Media Manager	Zaran Patel	Stantec
Secretary	Allison Finer	BGC Engineering
Student Representative	Derrick Ayebazibwe Xiaolong Huo	University of Calgary University of Calgary
Southern Alberta Region Director	Lilliane Landry-Paré	Hatch
Members-at-Large	Will Smith	BGC Engineering

2023-2024 CyGS Executive Committee		
Position	Name	Affiliation
	Michael Bicanic Hadi Laffafchi Evan Sieben	Thurber METSCO Energy Solutions BGC Engineering

Section 3: Number of Section Members

Executive Committee Members: 18

Total members (if possible, student and non-student members): 337. CyGS does not collect membership fees and the total number of members reflects subscribers that have active email addresses through our newsletter platform (Mailchimp).

Total CGS members (if possible, student and non-student members): ~100

Does your Section do anything specific to attract new members? Can the National Office or newly formed Membership Committee help support your endeavours?

Comments:

- We present the benefits of becoming a CGS member at the beginning of most of our talks and the AGM.
- The CyGS is currently considering various avenues to reach out to members outside of the Calgary area (Lethbridge, Medicine Hat, Canmore, possibly Fernie area). A request was made earlier this year to the CGS Section Rep to gather information on members, which was provided. In the upcoming year, the CyGS will consider keeping a mix of in-person and virtual events, and keep recording and streaming various talks as a means to make shared knowledge as accessible as possible.
- It would be great to have the National Office provide a summary report of the annual activities of the sections. This will help individual sections learn what others are doing and potentially create connections to better serve their respective audiences.
- It would be great to hear about what resources are available from the National Office that each of the sections can utilize (e.g., tools, services, financial support).

Section 4: Section Finances

Account balance \$27,519.79 (June 20, 2023)

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/No

Is your Section aware of the CGS Lecture Supplement Program? Yes/No

Is your Section planning on sponsoring a Student/MIT to attend GeoSaskatoon 2023 (Admin Manual App 12)? Yes

Comments:

- The above bank account balance includes \$1,282.36 which is held in trust and was intended to be used for the ISSMGE 2020 design challenge. CyGS is waiting for instructions on how to dispose of this amount.
- The local section has paid back to CGS the \$20k in seed money received to help with the initial planning of the GeoCalgary Geotechnical conference.
- The Local Organizing Committee of GeoCalgary 2022 is reviewing the event finances and preparing the final conference report. The profits received will be included in the next mid-report.

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
November 24, 2022	Catherine Mulligan (CCLT)	Sustainable Practices for Geotechnical Engineering	45
December 7, 2022	Brian T. Rogers	Arctic Offshore Developments in the 1982-2012 Period - Career Project Highlights	28
January 25, 2023	Vicki Nguyen	Deformation Analysis of the Coteau Embankment at Gardiner Dam	39
March 1, 2023	James Ryan	Confederation Bridge PEI - Geotechnical and Marine Engineering Aspects	30
March 29, 2023	Kristen Tappenden	Alberta Transportation and Economic COrridors: Geotechnical Asset Management Framework Development and Pilot Study	??
April 26, 2023	CGS Young Professionals Mixer	CGS Young Professionals Mixer	
May 4, 2023	Steven Kramer (CCLT)	Performance-Based Design in Geotechnical Engineering Practice	46
May 9, 2023	ConeTec Site Characterization Short Course*	<ul style="list-style-type: none"> • Integrated Site Characterization • CPT Basics • Variable Rate CPT/VST & Full Flow Penetrometers • CPT with Sonic Drilling • Assessing Saturation at Depth • Pressuremeter Testing (PMT) - analysis and applications • Instrumented Becker Penetration Test (iBPT) • Planning of Site Investigations • Life Cycle Assessment of SI Methods 	??
June 14, 2023	Bob Saunders / AGM	The Impact of Technology on Geotechnical Engineering	40

* Joint or CyGS-sponsored events

Section 6: Additional information or comments

- We have created two new committee roles (secretary and social media manager) and separated one role into two roles (virtual and in-person event coordinator) to help redistribute the workload amongst the committee.

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?

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes / No

Yes

**Northern Saskatchewan (Saskatoon) Section
Annual Report July 1, 2022 to June 30, 2023**

Formal Section Name: Saskatoon Geotechnical Group (SGG)

Section 1: General

Date of this report: July 18, 2023

Prepared by: Bryce Marcotte

Section Director: Bryce Marcotte

End of Section Director's Term: January 2024

Is there a link from your separate Section website to the CGS website? Yes/No

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Chair: Vanessa Heilman – City of Saskatoon

Past Chair: Jon Osback – Clifton Associates Ltd.

Vice Chair: Kyle Bruce – Thurber Engineering

Treasurer/Sponsorship: Sachin Patel - KCB

CGS Section Director: Bryce Marcotte – SRK Consulting (Canada) Ltd.

Communications/Media: Adam Leik - SRK Consulting (Canada) Ltd.

U of S Student Liaison: Ian Adams – University of Saskatchewan

Section 3: Number of Section Members

Executive Committee Members: 13

Total members (if possible, student and non-student members): ~200 (approximately 20 student members)

Total CGS members (if possible, student and non-student members): 29 members (4 students)

Does your Section do anything specific to attract new members? Can the National Office or newly formed Membership Committee help support your endeavours?

Comments:

- Mostly word of mouth. Active presence in most of the geotechnical firms across the city – senior members bring out more junior members. Attempt to have a balanced presence of firms on executive committee.

Section 4: Section Finances

Account balance \$13,296.18

Does your Section charge members an annual fee? No. Included in presentation cost.

If so, how much? \$0

Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes/No

Is your Section aware of the CGS Lecture Supplement Program? Yes/No

Is your Section planning on sponsoring a Student/MIT to attend GeoSaskatoon 2023 (Admin Manual App 12)? Yes/No

Comments:

- Finances appear to be healthy. Expecting increase in cash with 2023 GeoSaskatoon conference.

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
May 5, 2023	Steve Kramer	2023 Spring CCLT	30
April 13, 2023	Osvaldo Ledesma	Procedure for Assessing the Liquefaction Vulnerability of Tailings Dams	30

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
Mar 22, 2023	Mark Lepitzki	Application of Geophysical Methods to Supplement Geotechnical Site Characterization of Small-Scale Landslides	25
Feb 8, 2023	GeoWall Social	GeoWall Social – In conjunction with Student Chapter	90
Nov 16, 2022	Vick Nguyen (KCB) and Imteaz Bhuiyan (WSA)	Stability, Deformation, and Risk Evaluation of Gardiner Dam	50
Oct 18, 2022	Multiple	U of S Student Presentations	25
Sept 22, 2022	James Ryan	Confederation Bridge PEI – Geotechnical and Marine Engineering Aspects	25

Section 6: Additional information or comments

- saskatoon@cgs.ca does not work, although there is a link on the CGS website
- No link to www.saskatoongeotech.ca

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?

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes / No

Yes, I will be there.

***Southern Saskatchewan (Regina) Section
Annual Report July 1, 2022 to June 30, 2023***

Formal Section Name: South Saskatchewan Section (Regina Geotechnical Group)

Section 1: General

Date of this report: July 10, 2023

Prepared by: Jenae Nixon

Section Director: Jenae Nixon

End of Section Director's Term: December 2024

Is there a link from your separate Section website to the CGS website? No

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Chair:	Kyle Mason	BGC Engineering
Past Chair:	Jasyn Henry	Clifton Engineering Group
Director of Finance	Kim Doran	SNC-Lavalin
Director of Communications	Keisha Hertz	Water Security Agency
Program Director	Jobie Taylor	SNC-Lavalin
Geohazards Chair	Jenna Baker	Ministry of Highways and Infrastructure
Foundations Chair	Rashed Chowdhury	Clifton Engineering Group (*interim for Chelsey Knibbs, Wood)
Student Chair	Ahmed Bukhary	University of Regina
Transportation Chair	Harpreet Panesar	Soil Rocks Consulting Inc

Section 3: Number of Section Members

Executive Committee Members: 10

Total members (if possible, student and non-student members): 10

Total CGS members (if possible, student and non-student members): ~20

Does your Section do anything specific to attract new members? **Yes, university outreach, networking events**

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

Comments:

Section 4: Section Finances

Account balance \$

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 GeoSaskatoon 2023 (Admin Manual App 12)? **Maybe**

Comments:

- Local interest from student/MIT in conference attendance has been low previous years, but if there is adequate interest the group would support one.
- Encouraging CGS membership with discounted tickets to events for CGS members, encouraging student interaction with student priced tickets to events
- Encouraging student participation through Building Foundations video competition (<https://www.reginageotechnicalgroup.com/events/building-foundations-competition>)

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
24/11/22	Renato Macciota	Slope Risk Management in Light of Uncertainty and Environmental Variability	34
30/11/22	Catherine Mulligan	Sustainable Practices for Geotechnical Engineering	30
25/01/23	Brock Nesbit	Resilient Linear Infrastructure at an Industrial Canola Processing Facility	~20
21/02/23	Kelvin Sattler	Variable Suction and its Effect on Stability at the Ripley Landslide	16
29/03/23	Rayna Kaytor	Highfield Dam – East Low Level Outlet Rehabilitation	29
12/05/23	Harpreet Panesar, Liam McCann, Kim Doran	Leather River Bridge – Balancing Geotech, Hydrotech, and Site Requirements	26

Section 6: Additional information or comments

- 6 Submissions to the Building Foundations video competition, to be awarded early July 2023

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

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes

Manitoba (Winnipeg) Section
Annual Report July 1, 2022 to June 30, 2023

Formal Section Name: CGS Manitoba

Section 1: General

Please complete **by July 7, 2023** and email copies to

Lisa Reny, Director of Communications and Society Operations admin@cgs.ca

Michel Aubertin, Executive Director ExecDir@cgs.ca

Wes Saunders, Section Rep on CGS Executive Committee wsaunders@gkmconsultants.com

Section 1: General

Date of this report: *July 4, 2023*

Prepared by: *David Kurz*

Section Director: *David Kurz*

End of Section Director's Term: *December 2023 (Likely staying on due to no replacement)*

Is there a link from your separate Section website to the CGS website? *Yes*

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Chair: *Arjan Jianfar (Hatch)*

Secretary: *Doreen Wang (Hatch)*

Treasurer: *Kirby Pogue (Hatch)*

Program Director: *Jenna Roadley (Manitoba Transportation and Infrastructure)*

Student Liaison: *Silvia J.F.N. Araujo (University of Manitoba)*

Special Initiative Coordinator: *Matt Klymochko (Trek Geotechnical)*

Webmaster: *Kevin Baylis (Stantec)*

Special Events: *Kale Robinson (KGS Group)*

Sponsorship: *David Anderson (KGS Group)*

Member at Large: *Colton Wooster (TBD)*

Section 3: Number of Section Members

Executive Committee Members: *10 (Including Section Director)*

Total members (if possible, student and non-student members): *54 (not including 10 Inactive members)*

Total CGS members (if possible, student and non-student members):

<i>Student:</i>	<i>13</i>	<i>Non-Student:</i>	<i>41</i>	<i>Retired:</i>	<i>1</i>
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Does your Section do anything specific to attract new members? We have tried emailing our members list to encourage them to spread the word. We are involved with the student group at the University of Manitoba to attract new students. Our Executive Committee encourages colleagues to join.

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

Likely. We are interested in opportunities to collaborate and expand membership and attendance of our events.

Comments:

- Local presentations and annual golf tournament are subsidized for CGS members. Benefits of CGS membership are discussed at monthly presentations.*

Section 4: Section Finances

Account balance \$46,000

Does your Section charge members an annual fee? No

If so, how much? \$0

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 GeoSaskatoon 2023 (Admin Manual App 12)? Yes, we plan to sponsor a student. One was selected and forwarded to National.

Comments: N/A

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
22-Sep-22	Ms. Silvia Nobre, PhD Candidate, Dillon Consulting	Ground Vibrations during Installation of Rockfill Columns	24
22-Sep-22	Hongwei Liu, KGS Group	Quantitative and Qualitative Characterization of Permafrost Sites Using Surface Waves	
25-Oct-22	Catherine Mulligan, Concordia University,	Sustainable Practices for Geotechnical Engineering (CCLT presentation)	17
15-Dec-22	Alistair James, Hatch	A well-engineered Site Investigation	22
5-Apr-23	Ryan Dobson, KGS Group	Climate Warming and the Relocation and Redesign of Northern Winter Roads	21
29-May-23	Steve Kramer, University of Washington	Performance-Based Design for Soil Liquefaction (CCLT presentation)	26

Section 6: Additional information or comments

- *We have been less active locally due to difficulties in securing presentations by local members. We have advertised several events by National and other communities.*
- *We hosted the Spring 2023 CCLT on May 29, 2023. We received modest attendance, and the presentation was well received by the attendees.*
- *We hosted our 2023 Golf Tournament on June 1, 2022, for 54 participants, 15 sponsors. This tournament is aimed at raising funds for the Neil Burgess Memorial Scholarship fund at the University of Manitoba. We are still working on invoices but anticipate a donation to the fund around \$3,000.*
- *The local presentations (recordings) are posted on our CGS Manitoba website. Some presentations have received over 30 viewings of the recordings.*
- *We are actively working on planning for the Conference in 2025 with several Executive members involved as well.*

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?

Not currently.

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes, at a minimum online, but I will try to attend in-person.

**Northwestern Ontario (Thunder Bay) Section
Annual Report July 1, 2022 to June 30, 2023**

(Report not available)

**Northeastern Ontario (Sudbury) Section
Annual Report July 1, 2022 to June 30, 2023**

Formal Section Name: Northeastern Ontario (Sudbury) Section

Section 1: General

Date of this report: July 4/23
 Prepared by: Andre Bom
 Section Director: " "
 End of Section Director's Term: N/A – no volunteer will replace me!
 Is there a link from your separate Section website to the CGS website? Yes/No

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Chair: Andre Bom
 Past Chair:
 Vice Chair:
 Secretary:
 (Add others as necessary)

Section 3: Number of Section Members

Executive Committee Members:
 Total members (if possible, student and non-student members):
 Total CGS members (if possible, student and non-student 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:

Section 4: Section Finances

Account balance \$n/a
 Does your Section charge members an annual fee?
 If so, how much? \$
 Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes/No
 Is your Section aware of the CGS Lecture Supplement Program? Yes/No
 Is your Section planning on sponsoring a Student/MIT to attend GeoSaskatoon 2023 (Admin Manual App 12)? Yes/No
 Comments:
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Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
Nov 17/22	Tareq Salloum	Framework for Dam Safety Decision Making webinar (invited NW Ontario section and other smaller Canadian section leaders to send invite to their sections)	50
Apr 18/23	Marathon Trenchless Division	Trenchless Installations/Caissons	15

Section 6: Additional information or comments

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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?

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?
Yes / No

**Southwestern Ontario (London) Section
Annual Report July 1, 2022 to June 30, 2023**

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: June 30, 2023

Prepared by: Philips Aby

Section Director: Philips Aby

End of Section Director's Term: 2025

Is there a link from your separate Section website to the CGS website? Yes - <http://www.csce-cgs-london.org/>

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Chair: Khalid Backtash MTO

Past Chair: Julian N. Novick, Wastell Homes

Vice Chair: Paul Choma, City of London

Secretary: Heidi Vanheule, Dillon Consulting Ltd.

Treasurer: Grant Strachan, AECON

John Gawley, Dillon Consulting Ltd.

Communications: Azmi Hammoud, Professor at Fanshawe College.

CGS Section Director: Philips Aby, EXP

Marketing: Philips Aby, EXP

Khalid Backtash MTO

City of London Representative: Paul Choma, City of London

MTO Representative: Khalid Backtash MTO

Western Faculty Representative: Mike Bartlett University of Western Ontario, Jon Southen, University of Western Ontario

Section 3: Number of Section Members

Executive Committee Members: 10

Total members (if possible, student and non-student members): Aprox. 330 including CSCE

Total CGS members (if possible, student and non-student 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?

Comments:

- N/A

Section 4: Section Finances

Account balance \$ 4,950

Does your Section charge members an annual fee?

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 GeoSaskatoon 2023 (Admin Manual App 12)? No but
 yes to Montreal2024

Comments:

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
Jan 18, 2023	Mike Bartlett	Punkeydoodles Corners to National Prominence	18
March 22, 2023	Western 4 th Year Capstone Winners	Western University Civil and Environmental Engineerin Design Project Winners	25
April 19, 2023	Doug MacRae, City of London	City of London Mobility Master Plan	18

Section 6: Additional information or comments

- Below is the tentative schedule for next year.

C. 2023/24 Program - Theme: Climate Change

Date	Presenter / Topic
September 21, 2023	Tour: WindEEE Dome or Fanshawe Dam
October 19, 2023	Dr. Greg Kopp: Northern Tornadoes Project / WindEEE Dome Research Projects
November 16, 2023	AECOM: Victoria Street Bridge
January 18, 2024	TBD: Timber Structures
February 15, 2024	Tony Wagner: Falling Weight Deflectometer
March 21, 2024	Fourth Year Students: Capstone Design Competition Winners
April 18, 2024	TBD: City of London Climate Emergency Action Plan

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

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

No

**Southern Ontario (Toronto) Section
 Annual Report July 1, 2022 to June 30, 2023**

Formal Section Name: Southern Ontario Section – Toronto Group

Section 1: General

Date of this report: 7 August 2023

Prepared by: Charles G. Crans P. Eng

Section Director: Charles G. Crans P. Eng

End of Section Director's Term: December 31 2024

Is there a link from your separate Section website to the CGS website? Yes

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Chair: Amir Poshnejad, EllisDon Corporation

Past Chair: Dino Vito, EBS Geostructural

Vice Chair: Bill Li, Keller – North America

Regional Director: Charles Crans, CG Crans Geostructural Project Services

Secretary: Pedram Molkara, Jacobs Engineering

Treasurer: Budhi Kharel, Ontario Ministry of Transportation (MTO)

Communications: Rajib Dey, WSP

Membership & Awards: Andrew Cushing, ARUP Canada Inc.

Student Liason: Mohammadamin Jafari, University of Toronto

Sponsorship: Joe Heinisch, EBS Geostructural

Outreach & Tech: Jeff Lam, Geokon

Women in CGS Lead: Daniela Xavier, InGeo Engineering

Event Co-ordinator & Registration: Reza Mahmoudipour, Englobe Corp.

Event Co-ordinator & Registration: Vivian Weihong Li, Metrolinx

Event Co-ordinator & Registration: Alex Szot, GeoSolv Design-Build

Section 3: Number of Section Members

Executive Committee Members: 15

Total members (if possible, student and non-student members): Our current e-mail List has over 800 names. This would include Students and CGS Members.

Total CGS members (if possible, student and non-student members): The most recent List we received from CGS National shows 272 CGS Members in the Southern Ontario Section – Toronto Group

Does your Section do anything specific to attract new members? Can the National Office or newly formed Membership Committee help support your endeavours?

Comments: Our Events are posted on our Website and on LinkedIn and are sold out in many cases. In general we see very good attendance at our Events.

Section 4: Section Finances

Account balance \$ 53,385.00

Does your Section charge members an annual fee? No, we do not charge a Section Membership Fee, We charge a Fee to attend each Event to cover our costs.

Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? No, but Our Executive Committee does believe that a portion of the Annual CGS Membership Fees paid by our Members should be shared with our Section. This would enable us to bring in higher profile Speakers for some of our Events while reducing what we must charge our local members to attend. At the present we are able to provide a limited number of discounted Student tickets to each Event. A contribution from the National CGS Fees would allow us to increase the number of Student tickets made available.

Is your Section aware of the CGS Lecture Supplement Program? No, but we would be interested in learning about the Program

Is your Section planning on sponsoring a Student/MIT to attend GeoSaskatoon 2023 (Admin Manual App 12)? No

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
12 Aug 2022	N/A	Annual Fundraiser Golf Tournament	123
28 Sep 2022	Jean-Sebastien L'heureux	Norwegian Geo Test Site Infrastructure Project	86
26 Oct 2022	Catherine Mulligan	Fall CCLT – Sustainable Environmental Remediation	60
8 Dec 2022	Casan King L. Sampaco	The Panama Canal – An Engineering Legacy	175
25 Jan 2023	N/A	Annual Graduate Student Competition	45
23 Feb 2023	Tony Sangiuliano & Lisa Coyne	Caisson Load Testing at QEW-Credit River Bridge	181
29 Mar 2023	Markus Treinen – MC Beauchemie	Polymer Based Geotechnical Grouting	92
26 April 2023	Matt Kokan - GeoPacific	Pile Load Testing in Western Canada	121
30 May 2023	Steve Kramer	Spring CCLT – Performance Based Seismic Design	161
28 Jun 2023	Dan Brown	Annual Awards Dinner – Drilled Foundation Design	164

Section 6: Additional information or comments

- At our Annual Dinner on June 28, the CGS-SOS Award was presented to Masoud Manzari of Thurber Engineering.
- Women in CGS Events are held just prior to the main Lecture several times a year

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?

Per Section 4 above, our Executive Committee directed me to pursue with CGS National sharing of CGS Membership Revenues with our local Section. This was outlined on our Mid Year Report, but we have received no response to date.

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes

***Southeastern Ontario (Kingston) Section
Annual Report July 1, 2022 to June 30, 2023***

(Report not available)

***Eastern Ontario (Ottawa) Section
Annual Report July 1, 2022 to June 30, 2023***

Formal Section Name: (please add here) Ottawa Geotechnical Group

Section 1: General

Date of this report: July 7 2023

Prepared by: Paul Simms

Section Director:

End of Section Director's Term: December 2023

Is there a link from your separate Section website to the CGS website? Yes

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Chair	Imad Alainachi	<i>Paterson Group</i>
Past Chair	Matt Kennedy	<i>Thurber Engineering</i>
Vice-Chair	Robert Edde	<i>Terra Consults</i>
CGS Regional Director	Paul Simms	<i>Carleton University</i>
Treasurer	Zubaida Al-Moselly	<i>Paterson Group</i>
Membership Manager	Arazoo Patel	<i>Carleton University</i>
Secretary	Aparna Sagade	<i>GHD Group</i>
Advisor	Gerry Webb	<i>Retired</i>
Executive Member	Mamadou Fall	<i>University of Ottawa</i>
Executive Member	Sean Sterling	<i>Geofirma</i>
Executive Member	Mohammed Al-Khazaali	<i>McIntosh Perry</i>
Executive Member	Julio Ángel Infante Sedano	<i>Université d'Ottawa</i>
Executive Member	Erin O'Neill	<i>City of Ottawa</i>
Executive Member	Kenton Power	<i>WSP Canada</i>
Student Representative	Amirreza Saremi	<i>University of Ottawa</i>

Section 3: Number of Section Members

Executive Committee Members:

Total members (if possible, student and non-student members): 163

Total CGS members (if possible, student and non-student members): unknown

Does your Section do anything specific to attract new members? Can the National Office or newly formed Membership Committee help support your endeavours? We have formed the new position of membership manager to lead a number of initiative to increase membership, and student participation

Comments:

Section 4: Section Finances

Account balance \$24,853 on June 16th

Does your Section charge members an annual fee? Y

If so, how much? \$25

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 GeoSaskatoon 2023 (Admin Manual App 12)? Yes

Comments:

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Activities/Events	Presenter	Date	Attendance
Slope Risk Management in Light of Uncertainty, Environmental Variability, and Design Confidence (Colloquium speaker)	Renato Maccotta Pulisci, P.Eng., University of Alberta	September 2022	33
Sustainable Practices for Geotechnical Engineering	Catherine Mulligan, Concordia University	November 2022	39

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Activities/Events	Presenter	Date	Attendance
Shoring and Stabilization Design	Hicham (Sam) Salem, P.Eng. & Mudasser Noor, P.Eng., Scientific Applied Concepts Ltd.	December 2022	34
OLRT Confederation Line Construction Update	Mary-Ellen Gleeson, P.Eng., City of Ottawa	January 2023	35
Getting Wet: Exploring the impacts of groundwater on intact, corroded and relined pipes	Ian Moore, P.Eng., Queen's University	February 2023	25
The 47th Annual Michael Bozozuk Student Forum Ottawa and Kingston Graduate Students	-	March 2023	33 - On-line
Towards Improved Management and Closure of Mine Waste Structures (Colloquium speaker)	Nicholas Beier, P.Eng., University of Alberta	April 2023	37
Performance-Based Design: The Alternative to Conventional Stability Analysis	Elena Zabolotnii, P.Eng., Carleton University	May 2023	51
CCLT: Next Generation Liquefaction Hazard Analysis: Data, Issues, and Model Development	Steven Kramer, Professor Emeritus, University of Washington, Seattle	May 2023	94

Section 6: Additional information or comments

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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?

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?
YES

***Ouest-du-Québec / Western Québec (Montréal) Section
Annual Report July 1, 2022 to June 30, 2023***

Formal Section Name: Western Québec (Montréal) Section

Section 1: General

Date of this report: July 15, 2023

Prepared by: Reza Saghaee

Section Director: Mourad Karray

End of Section Director's Term: 2023

Is there a link from your separate Section website to the CGS website? No

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Date of this report: July 7, 2023

Prepared by: Reza Saghaee

Section Director: Mourad Karray

End of Section Director's Term: 2023

Is there a link from your separate Section website to the CGS website? No

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Chair: Reza Saghaee
Director: Mourad Karray
Vice-Chair: Simon-Pierre Tremblay
Treasurer: Abtin Jahan bakhsh
Communications: Mireille S. Ewane
Administration: Philippe Legault-Capozio
Secretary: Jonathan D. Aubertin
Program: Vanessa Di Battista

(Add others as necessary)

Section 3: Number of Section Members

Executive Committee Members: 9

Total members (if possible, student and non-student members): 500

Total CGS members (if possible, student and non-student members):

Does your Section do anything specific to attract new members? Can the National Office or newly formed Membership Committee help support your endeavours? All of the CGS Western Quebec Section events are free of charge for students.
Comments:

Section 4: Section Finances

Account balance \$32,000

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 GeoSaskatoon 2023 (Admin Manual App 12)? Yes

Comments:

Section 5: Section Activities			
Date	Speaker/Other	Topic/Subject	Attendance
1 June 2023 (In Person)	Steve Kramer	Performance-Based Design in Geotechnical Engineering Practice	90
5 April 2023 (In Person)	Students	Concours Branko Ladanyi 2023	35
29 January 2023 (In Person)	M. Pierre Vannobel	Survol de la conception et de la construction des ouvrages de retenue en remblai du complexe hydro-électrique La Romaine	90
29 November 2022 (In Person)	Jean-Sébastien L'Heureux	Landslides in sensitive clays in Norway - causes, lessons learned and strategies for stabilization	70
16 November 2022 (In Person)	Catherine N. Mulligan	Sustainable practices for geotechnical engineering	60
14 June 2022 (In person)	Doug Stead	Characterizing Rock Slope Failure Mechanisms Using Combined Remote Sensing and Numerical Modelling	80

Section 5: Section Activities			
Date	Speaker/Other	Topic/Subject	Attendance
26 May 2022 (In person)	Mourad Karray	Geotechnical Characteristics of Soil- Limits and Prospective	75
7 Avril 2022	Students	Concours Branko Ladanyi 2022	70

Section 6: Additional information or comments

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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

*Est-du-Québec / Eastern Québec (Québec) Section
Annual Report July 1, 2022 to June 30, 2023*

Formal Section Name: Eastern-Québec

Section 1: General

Date of this report: June 15, 2023

Prepared by: Vincent Castonguay

Section Director: Vincent Castonguay

End of Section Director's Term: December 2024

Is there a link from your separate Section website to the CGS website? No

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Chair: Julie Therrien

Secretary: Kevin Hébert

Administrator: Sarah Bouchard

Treasurers: Thomas Fournier & Jonathan Leblanc

Communications: Sandra Veillette

Technical program: Olivier Juneau, Pierre-Olivier Maltais & Pierre-Olivier Dionne

Scholarships: Jean-Pascal Bilodeau & Philippe Morin

Newsletter: Valérie Michaud

Student representative: Andries Kirstein

Section 3: Number of Section Members

Executive Committee Members: 14

Total members (if possible, student and non-student members): 489 local participants (distribution list)

Total CGS members (if possible, student and non-student members): 62 (17 students, 45 non-students)

Does your Section do anything specific to attract new members? Can the National Office or newly formed Membership Committee help support your endeavours?

Comments:

- We are in the process of establishing a new partnership program to incentivise local engineering companies to reimburse their employee's CGS membership costs. A formal proposition will be sent to the CGS National Office before the initiative is started.

- At the start of every conference we hold, we advertise that their CGS national membership allows us to continue to operate and organize these conferences. We should do more, and this is something I'll be keeping a close eye on for the years to come.

Section 4: Section Finances

Account balance \$81,531.29 (checking) + \$72,102.76 (investments)

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 GeoSaskatoon 2023 (Admin Manual App 12)? Yes

Comments:

-

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
2022-09-22	Marco Quirion	Rock walls: inspection and maintenance for the safety and longevity of hydroelectric facilities	135
2022-11-10	CCLT – Catherine Mulligan	Sustainable practices for geotechnical engineering	27
2022-12-15	Annual student presentations	Various subjects	55
2023-01-16	Pooneh Maghoul	Modelling of thermal creep in permafrost	52
2023-02-16	Vincent Boulanger-Martel	Mine reclamation in areas of continuous permafrost	77
2023-03-23	T. Fournier & H. Michaud	Internal erosion in quaternary deposits in Québec	81
2023-05-11	Jean-Sébastien L'Heureux	Assessment of slope stability in marine clays - example of Norwegian practice	48
2023-06-02	CCLT – Steve Kramer	Performance-based design for soil liquefaction	23
2023-06-15	Annual 5@7 – Régis Bouchard	Geotechnical challenges and lessons learned from the Muskrat Falls project	85

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?

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1? Yes

**New Brunswick (Fredericton) Section
Annual Report July 1, 2022 to June 30, 2023**

Formal Section Name: New Brunswick (Fredericton) Section

Section 1: General

Date of this report: July 22, 2023
 Prepared by: Christopher McQueen
 Section Director: Christopher McQueen
 End of Section Director's Term: 12/31/23
 Is there a link from your separate Section website to the CGS website? No

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Chair: Christopher McQueen
 Past Chair: Benjamin McGuigan
 Vice Chair: Samuel Oshati
 Secretary: Christiane Levesque
 Treasurer: Rochelle Staples

Section 3: Number of Section Members

Executive Committee Members: 5
 Total members (if possible, student and non-student members): +/- 50
 Total CGS members (if possible, student and non-student 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? Not really. For Cross Canada Lecture Tours the net is cast widely and membership is pitched at the presentation. Director issues CGS newsletters monthly in the event contacts aren't current members.
 Comments:
 •

Section 4: Section Finances

Account balance \$ 257.87
 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, I do now, I just looked it up.
 Is your Section aware of the CGS Lecture Supplement Program? No
 Is your Section planning on sponsoring a Student/MIT to attend GeoSaskatoon 2023 (Admin Manual App 12)? No

Comments:
 • We have contacts with local universities (UNB, U de Moncton) and frequently enquire about Masters students and whether they are looking for sponsorship or are willing to give a dry-run presentation on their thesis.

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
6/6/2023	Steven Kramer	Performance-Based Design for Soil Liquefaction	25

Section 6: Additional information or comments

- We had the best turnout for a lecture probably in the last 6 or 7 years. A positive sign that the world is getting back to normal post-pandemic and that people see value in getting together with peers and getting some professional development hours.
-

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

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?
No

***Nova Scotia (Halifax) Section
Annual Report July 1, 2022 to June 30, 2023***

Formal Section Name: Nova Scotia (Halifax) Section

Section 1: General

Date of this report: July 7, 2023

Prepared by: Vince Goreham

Section Director: Vince Goreham

End of Section Director's Term: December 31, 2023

Is there a link from your separate Section website to the CGS website? No Website

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Chair: Vince Goreham (Harbourside Geotechnical Consultants)

Past Chair: Ilia Wainshtein (WSP)

Vice Chair: Justin Matthew (PSPC)

Secretary: Justin Matthew (PSPC)

Section 3: Number of Section Members

Executive Committee Members: 3

Total members (if possible, student and non-student members): 22 Non-Student, 2 Student

Total CGS members (if possible, student and non-student members): 22 Non-Student, 2 Student

Does your Section do anything specific to attract new members? Can the National Office or newly formed Membership Committee help support your endeavours? Myself and Craig Lake have reached out to former members to try to regain their membership.

Comments:

Section 4: Section Finances

Account balance \$ 16, 546.47

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 (Not aware of the details or what action may be required on our part)

Is your Section aware of the CGS Lecture Supplement Program? Yes (As above)

Is your Section planning on sponsoring a Student/MIT to attend GeoSaskatoon 2023 (Admin Manual App 12)? No

Comments: **Can you supply a copy or a link to the admin manual?**

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
June 5, 2023	Steve Kramer	Performance-Based Design for Soil Liquefaction	12
November 7, 2022	Catherine Mulligan	Sustainable Practice for Geotechnical Engineering	17

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.

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes

***Newfoundland and Labrador (St. John's) Section
Annual Report July 1, 2022 to June 30, 2023***

Formal Section Name: St John's Section

Section 1: General

Date of this report: July 5, 2023
Prepared by: Shawn Russell
Section Director: Shawn Russell
End of Section Director's Term: December 31, 2023
Is there a link from your separate Section website to the CGS website? Yes/No No

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Section webpage)

Chair: Shawn Russell, GEMTEC Consulting Engineers and Scientists Limited
Past Chair: Andrew Peach, Hatch Ltd.
Vice Chair: Ashutosh Dhar, Memorial University of Newfoundland and Labrador
Secretary: Jin Chen, C-Core
Executive Member Ripon Karmaker, Stantec Consulting Ltd,

Section 3: Number of Section Members

Executive Committee Members: 5
Total members (if possible, student and non-student members): 18
Total CGS members (if possible student and non-student members): 12

Does your Section do anything specific to attract new members? Yes,

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

Comments:

- however we don't have a membership fee, its voluntary, no card or payment, unofficial register

Section 4: Section Finances

Account balance \$37,404.72

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 GeoSaskatoon 2023 (Admin Manual App 12)? Yes

Comments:

- Possibly 3

Section 5: Section Activities, July 1, 2022 to June 30, 2023			
Date	Speaker/Other	Topic/Subject	Attendance
Sep 22, 2022	Renato Machiotta	Colloquium Presentation - Slope Risk Management in Light of Uncertainty, Environmental Variability and Design Confidence	12

Section 6: Additional information or comments

- N/A
-

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?

N/A

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1? Yes / No

Yes

DIVISION and COMMITTEE REPORTS

Divisions and Committees Representative Summary Annual Report – Jennifer Day

Divisions and Committees Representative Summary Report

Year End Report

Jul 1, 2022 to June 30, 2023

8. Divisions and Committees (JD)

8.1 General update (including actions from last meetings)

Relevant ACTION ITEM from June 2023 Meeting:

ACTION ITEM: 8.8 Chairs of Divisions / Committees to be encouraged to prepare an Agenda in advance of meetings in GeoSaskatoon. JD to follow up.

- JD requested Div & Comm chairs to send drafts of their meeting agendas by September 22nd.

8.2 End of the year reports; main activities and interactions

- End of Year Report highlights
 - Received from: Groundwater Div, Rock Mechanics Div, Heritage Comm, Soil Mechanics & Foundations Div, Education Comm, Geosynthetics Div, Transportation Geotechnique Comm, Geohazards Comm, Professional Practice Comm, Mining Geotechnique Comm, Geoenvironmental Div, Engineering Geology Div, Cold Regions Div, (Young Professional Comm, Membership Comm)

Division / Committee	End of Year Highlights
Cold Regions Division	<ul style="list-style-type: none"> • Plans include preparing for 2024 International Conference on Permafrost being held in Canada, discounted membership for CGS members to Canadian Permafrost Association, provide information/news/updates to 1st & 2nd choice members
Engineering Geology Division	<ul style="list-style-type: none"> • Plans to define engineering geology, potential name change to include Geological Engineering, solicit nominations for EG awards (Roy, Cloos, Wolters), revise criteria for Roy Award • Questions for EC: how to access finances for EGD initiatives and what types of uses are allowed? Can CGS National help facilitate virtual meetings?
Geoenvironmental Division	<ul style="list-style-type: none"> • Plans for special session during GeoMontreal 2024 conference, Geoenvironmental award • Interest in holding online Division meeting at GeoSaskatoon
Geosynthetics Division	<ul style="list-style-type: none"> • Plans to establish new educational initiative, work with IGS-NA to host GeoAmericas 2024 in Toronto, work with IGS-NA on hosting 13th International Conference of Geosynthetics 2026 in Montreal • New division chair starting Jan 2024
Groundwater Division	<ul style="list-style-type: none"> • In person annual meetings attracted only 1-2 participants for the past couple of years • Plan: organize presentation on the new CFEM chapter on groundwater control • Farvolden award has recently been won by members closer to IAH than CGS but for next year a suitable CGS member has been identified • New chair needed for 2024 start (vice chair is currently Dylan Stafford) • François requests to see member list to help select new chair
Rock Mechanics Division	<ul style="list-style-type: none"> • Plans include: create webinar series in collaboration with CARMA and CIM's Rock Engineering Society (RES), support various CARMA initiatives including

Division / Committee	End of Year Highlights
	<p>new undergraduate scholarship, student design competition, Master's Thesis Award, PhD Thesis Award, revise governance structure for executive membership, workshop at GeoMontreal 2024, articles in Canadian Geotechnique</p> <ul style="list-style-type: none"> • Past year: workshop at GeoCalgary 2022, updated terms to John Franklin Award, new best paper award at CGS annual conference (1st instance at GeoSaskatoon)
Soil Mechanics & Foundations Division	<ul style="list-style-type: none"> • Plans include: 2024 Meyerhof Award, 4th SMFD Distinguished Lecture (March 2024), 6-hr virtual workshop on piling practice in Canada, articles for Canadian Geotechnique • Past year: workshops on retaining earth structures (fall 2022), 3rd SMFD Distinguished Lecture (Mar 2023), new chair & executive members • SMFD would like to sponsor the UA-CGS chapter \$500 to subsidize chapter events; the sponsorship is yet to be transferred to UA-CGS • Questions for EC regarding the SMFD Distinguished Lecture Series: (i) name it after someone, (ii) include in CGS award manual • Question for EC: would like to make minor editorial revision to the Meyerhof award manual
Education Committee	<ul style="list-style-type: none"> • Plans include future of geotechnical engineering education forum at GeoMontreal 2024 and GeoWinnipeg 2025, highlight new faculty members / early career researchers across Canada, Virtual University-continuing education program
Geohazards Committee	<ul style="list-style-type: none"> • Plans include finalizing the Geohazards 8 Conference report, update Schuster Medal award process, Geohazards Connection in spring 2024, find new coordinator for geohazards topics in Canadian Geotechnique, advanced planning for Geohazards 9 Conference (2025 in Edmonton) • M. Schuster stepped down from nomination/award process in Dec 2022, and further discussions with AEG are needed to revise process and create new medals (the last one in inventory will be given at GeoSaskatoon in 2023) • Question for EC: request assistance/guidelines for upcoming discussion with AEG to revise Schuster Medal process
Heritage Committee	<ul style="list-style-type: none"> • Plans for additional contents in the Virtual Archives, produce articles for Canadian Geotechnique, add international page to Virtual Archives • Past year: articles for Canadian Geotechnique, new content in Lives Lived section and other areas of the Virtual Archives • Question for EC: does CGS website have capacity to add videos? Can CGS create a YouTube, Vimeo, or similar account to host videos and add links to CGS website?
Mining Geotechnique Committee	<ul style="list-style-type: none"> • Plans to strengthen industry-academia-student interactions, awareness campaign for mining, collaborate with ESRS and similar mining-related organizations, virtual brainstorming sessions • Past year: monthly webinars, special session at GeoCalgary, article in Canadian Geotechnique
Professional Practice Committee	<ul style="list-style-type: none"> • Last annual meeting had attendance of 11 • Plans to build relationships with affiliate organizations (GBA, AFG), establish working groups to examine topical issues and offer information/guidance/training to CGS members, special sessions at CGS

Division / Committee	End of Year Highlights
	annual conference, articles for Canadian Geotechnique, Case Studies Collection Joint Working Group <ul style="list-style-type: none"> • Request for annual meetings at the CGS conference to be advertised beforehand, included in schedule, and promoted during the conference • Questions for EC: How do we continue to achieve more for our members with less volunteer time available? Is there any obstacle to or procedure for a Committee raising funds and using those funds for its activities?
Sustainable Geotechnics Committee	<ul style="list-style-type: none"> • Plans include special session at GeoSaskatoon, update website, Canadian Geotechnique Fall 2023 Special Issue on Climate Change Mitigation and Adaptation, solicit case studies, presentation at 2nd International Conf on Construction Resources for Environmentally Sustainable Technologies (Japan, Nov 2023) • Past year: CCLT by C. Mulligan, fall 2022 article in Canadian Geotechnique
Transportation Geotechnique Committee	<ul style="list-style-type: none"> • Plans to engage community through hosting technical workshops and talks (including virtual Terrain Analysis event on Nov 22, 2023) • Past year: hosted terrain analysis online workshop (fall 2022) with 111 participants • Question for EC: how many members are in the committee?

- JD held Divs & Comm Chairs meeting on August 3rd via MS Teams
 - Nicholas Beier attended to provide information and solicit articles for the Canadian Geotechnique magazine
- Next meeting will be scheduled for after GeoSaskatoon – VP Comm, VP Tech, Admin will be invited, and all other EC members are welcome to attend
- Individual meetings with Chairs will continue in the fall after summer hiatus. The status of meetings is as follows:

Division / Committee	Chair	Individual Meeting
Cold Regions Division	Ryley Beddoe	TBD
Engineering Geology Division	Andrew Peach	TBD
Geoenvironmental Division	Vincent Martin	May 15
Geosynthetics Division	Fady Abdelaal	May 29
Groundwater Division	François Duhaime	TBD
Rock Mechanics Division	Jennifer Day & Jonathan Aubertin	TBD
Soil Mechanics & Foundations Division	Lijun Deng	May 24
Education Committee	Cheng Lin	TBD
Geohazards Committee	Ariane Locat & Megan van Veen	May 31
Heritage Committee	Heinrich Heinz	TBD
Mining Geotechnique Committee	Ahlam Abdulnabi	May 31
Professional Practice Committee	Sean MacEoin	TBD
Sustainable Geotechnics Committee	Catherine Mulligan	TBD
Transportation Geotechnique Committee	Harpreet Panesar	TBD

8.3 CGS Awards: Banquet; proactive role of Chairs

- Awards have been selected and winners have been notified (thanks to CGS Admin team)
- Most Div/Comm chairs are planning to attend GeoSaskatoon

8.4 Communications with members; use of E-News; meetings at Conference

- JD in communication with GeoSaskatoon LOC & CGS Admin to schedule Div & Comm meetings with aim to avoid scheduling conflicts with closely related Divs/Comms as follows:
 - Rock Mechanics, Engineering Geology, Geohazards
 - Geoenvironmental, Mining Geotechnique, Geosynthetics, Sustainable Geotechnique
- JD continues to encourage Div & Comm chairs to communicate with members via E-News, social media, and Geotechnique Magazine. There have been several submissions to the E-News in the past few months.
- JD is planning a series of social media posts (could also be included with E-News) – one from each Div & Comm to showcase a Canadian project/development/person related to the Div / Comm topics, and schedule a post from 1 Div + 1 Comm every month (8 months total). If successful, continue as a regular series.

8.5 Articles for CGS Magazine

- N. Beier attended last Div & Comm Chairs meeting (Aug 2023) to discuss opportunities for publishing news items, articles, and special sections in Canadian Geotechnique. Many Divs & Comms are planning to submit 1-2 articles within the next year (see table above)
- Chais have been informed that next deadline for submissions is Sept 15, 2023

8.6 Geotechnical Research Board (GRB): Report, Colloquium and CLS

- Plans for next year include: 2024 Colloquium (name to be announced at GeoSaskatoon 2023), special session on NSERC Discovery and Alliance grant programs at GeoSaskatoon, formally solicit research priorities from CGS community
- Past year includes: special section on EDI at GeoCalgary 2022, article for fall 2022 Canadian Geotechnique magazine to solicit participation and community input in GRB activities
- **Question for EC: would CGS National support food expenses during breakfast special session on NSERC grants at GeoSaskatoon? (GeoSaskatoon LOC declined request due to budget concerns.)**

8.7 Rep on the EC, 2024; New Chairs for Divisions and Committees (meeting at BOD)

- At RK's invitation, JD plans to stay on as Div&Comm Rep in 2024 (and remain co-chair of Rock Mechanics Division along with Jonathan Aubertin)
- Div & Comm chairs with Dec 2023 as end of term are in process of finding replacements:
 - Professional Practice Committee (Seán Mac Eoin)
 - Geosynthetics Division (Fady Abdelaal)
 - Groundwater Division (François Duhaime)
 - Heritage Committee (Heinrich Heinz)
 - Sustainable Geotechnics Committee (Catherine Mulligan)

8.8 Other items : Identification of Committee "members"

- Many committee chairs have expressed interest in knowing membership lists to improve their communications and progress with various initiatives. A recommendation to facilitate generation of lists is to have a list of check box options during membership registration for committees (similar to divisions / sections).

DIVISION REPORTS

Cold Regions Geotechnology Division Annual Report July 1, 2022 to June 30, 2023

Division Name: Cold Regions Geotechnology

Section 1: General

Date of this report: July 31st 2023

Prepared by: Ryley Beddoe

Division Chair: Ryley Beddoe

End of Division Chair's Term: December 31, 2025

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 (2023/2024)?

- Encourage active participation of members in GeoSaskatoon, preparing for the 2024 International Conference on Permafrost being held in Canada, and other cold regions conferences in the coming year (EuCOP 2023, ICCRE2024 etc).
- Promote and encourage discounted membership for CGS members to the Canadian Permafrost Association
- Provide information, news and updates related to cold region engineering topics 1st and 2nd choice members in an engaging and ongoing manner

Section 2: Current (as of January 1, 2023) Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Division webpage)

Chair: Ryley Beddoe, Royal Military College, Kingston, ON

Past Chair: Jack Seto, BGC Engineering Inc., Edmonton, AB

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

Heather Brooks, Université Laval, Québec City, QC

Section 3: Number of Division Members (as of June 30, 2023)

Executive Committee Members: 6

1st Choice members (can be obtained from Lisa): ?

2nd Choice members (can be obtained from Lisa): ?

Comments:

-

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)

- The Canadian Permafrost Association (CPA) was established in 2018, represented by Lukas Arenson as Past President.
- The 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).

-

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

- The ASCE Cold Regions Division Liaison, represented by Heather Brooks (also a member of the CRGD executive committee)

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, 2023)

Account Balance: \$ 12,776

Comments:

-

Section 6: Division Activities in past year (July 1, 2022 to June 30, 2023)

- Attendance of members at the GeoCalgary
- Division meeting held in Calgary – discussion on focus of CRGD for next 3 years.
- Members invited and attended Canadian Permafrost Association and PermafrostNET webinars, seminars, and AGM , Regional Conference on Permafrost in June, and large focus on ICOP2024 support, committees, etc.

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?

Are you planning to attend the fall board meeting, to be held in Saskatoon, this September? Yes / No - Yes

*Engineering Geology Division
Annual Report July 1, 2022 to June 30, 2023*

Division Name: ENGINEERING GEOLOGY DIVISION

Section 1: General

Date of report: July 30, 2023

Prepared by: Andrew Peach

Division Chair: Andrew Peach

End of Division Chair's Term: December 31st 2024

Division's CGS web page address: http://www.cgs.ca/division_engineering_geology.php

List one, or two or three (or more) specific things that your Division will be working on, or wishes to accomplish, during CGS year (2023/2024).

- Define Engineering Geology (and associated branches etc.) and harmonize this definition with provincial, national, and international standards – **Definition has been finalized; will continue to circulate for information/feedback, e.g., circulate to National Affiliates listed in Section 4.**
- Evaluate a potential name change of the division to include Geological Engineering, as part of defining the division membership and their scope of practices – **Carry over from previous annual report, to be discussed at GeoSaskatoon.**

- Proactively solicit nominations for EG awards including Thomas Roy Award, Hans Cloos Medal, Richard Wolters Prize, etc. - **Ongoing initiative, some progress made. Will work on revising qualification criteria for Thomas Roy Award.**
- Young Members Initiatives. A proposal to fund participation of students to CGS conferences will be put forward to make it more affordable and accessible, including options from local chapter sponsorship and engagement in Executive and Divisional activities – **Carry over from previous annual reports, need to re-evaluate, no action taken on this for several years.**
- Engineering Geology in Canada website /on-line Monograph – **Carry over from previous annual reports, need to re-evaluate, no action taken on this for several years.**

Section 2: Current (as of June 30, 2023) Executive Committee Members and their Affiliations (employers or, if students, universities (these will be posted on your Division webpage)

Chair: **Andrew Peach**, Hatch Ltd, Newfoundland
 Past Chair: **Stephen Butt**, Memorial University, Newfoundland
 Vice Chair: **Nicholas Vlachopoulos**, Royal Military College of Canada, Ontario
 Secretary: **Eliane Cabot**, Newmont, Quebec
 Members-at-Large: **Renato Macciotta**, University of Alberta, Alberta
 David Wood, D. F. Wood Consulting, Sudbury
 Lucie Kijak, Hatch Ltd, Mississauga

Section 3: Number of Division Members (as of 30 June 2023)

Executive Committee Members: 7
 1st Choice members: 111 - *needs to be confirmed*
 2nd Choice members: 265 - *needs to be confirmed*

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

National Affiliates:

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

International Affiliates:

- IAEG - CGS representatives – Canada (**Rob Kenyon**, CGS President and **Andrew Peach**, National Representative),
- IAEG VP for North America –**Julien Cohen-Waeber**

Section 5: Division Finances (as of June 30 2022)

Account Balance: \$8,836.00 – *needs to be confirmed*

- Need to confirm how to access these funds for use/support with EG initiatives.

Section 6. Division Activities in past year (July 1, 2022 to June 30, 2023) (point form)

- A total of 3 nominations were received from the EGD membership.
- EGD finalized a definition for Engineering Geology, which to date has been published in the CGS E-News – May 2023, the IAEG Newsletter - Issue No.1 2023, and Summer 2023 edition of Canadian Geotechnique. The Tunneling Association of Canadian has also expressed an interest in publishing in their magazine or newsletter.
- During the reporting period, the EGD Executive had regular correspondence and an in-person AGM in the Fall, and the EGD Vice Chair, Chair, and two Members-at-Large attended the Fall CGS Board meeting.

Section 7. Additional information or comments (point form)

- Very appreciative of the efforts and support provided by the current CGS National Executive.
- 2023 IAEG Executive Committee and Council Meetings to be held on September 21st both in-person and via Zoom, **Andrew Peach** to attend as National Representative remotely.

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 or the CGS National Office?

- Would like to determine how the Division can spend its budget on relevant venues for the benefit of CGS members.
- How can CGS National Office help us communicate with our division members and facilitate virtual meetings?

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1? Yes

Geoenvironmental Division
Annual Report July 1, 2022 to June 30, 2023

Division Name: GeoEnvironmental Division

Section 1: General

Date of this report:	5 September 2022
Prepared by:	Vincent Martin
Division Chair:	Vincent Martin
End of Division Chair's Term:	2024

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?

Regular webinars and special session at the next conference in Saskatoon.

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Division webpage)

Chair: Vincent Martin, WSP-Golder
Past Chair: Magdalena Krol, York U
Vice Chair: TBD
Secretary: TBD
(Add others as necessary)

Section 3: Number of Division Members

Executive Committee Members:

1st Choice members

2nd Choice members

Comments:

-

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)

•
Comments:

•

Section 5: Division Finances

Account Balance: \$

Comments:

- I didn't know that I had an account.

Section 6: Division Activities in past year

- Virtual annual meeting.
- Two webinars in November 2021 and January 2022.

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?

Are you planning to attend the fall board meeting, to be held in Calgary, at GeoCalgary this October 2? Yes / No
Yes

Geosynthetics Division
Annual Report July 1, 2022 to June 30, 2023

Division Name: (Geosynthetics)

Section 1: General

Lisa Reny, Director of Communications and Society Operations admin@cgs.ca

Michel Aubertin, Executive Director ExecDir@cgs.ca

Jennifer Day, Division Rep on CGS Executive Committee day.jennifer@queensu.ca

Section 1: General

Date of this report: Jun 22, 2023

Prepared by: Fady Abdelaal

Division Chair: Fady Abdelaal

End of Division Chair's Term: December 31, 2023

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?

- Establish a new educational initiative for the division members with the new chair
- Continue working with IGS-NA to host GeoAmericas 2024 in Toronto
- Continue working with IGS-NA on hosting the 13th International Conference of Geosynthetics in Montreal in September 2026

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Division webpage)

Chair: Fady Abdelaal, Queen's University

Past Chair: René Laprade, Solmax

Vice Chair: Eric Blond (EB Consultant), Prabeen Joshi (Arcadis Construction Services), Sam Bhat (Titan)

Secretary:

(Add others as necessary)

Section 3: Number of Division Members

Executive Committee Members:

1st Choice members (can be obtained from Lisa): 48

2nd Choice members (can be obtained from Lisa): 194

Comments:

- As of September 25 2022

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)

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

Account Balance: \$

Comments:

- No money generated in 2023

Section 6: Division Activities in past year

- Held division meeting during GeoCalgary conference 2022
- Assist with IGS North America bid on hosting the 13th International Conference of Geosynthetics in Montreal in September 2026
- Assist with coordination for GeoAmericas 2024 in Toronto and facilitated the partnership between CGS and IGS-NA.
- Administered Geosynthetics division Award in 2022 that was awarded during Geo Calgary
- Coordinating with the organizing committee of GeoSaskatoon 2023 and IGS-NA for Geosynthetics sessions and supporting the conference
- Working on assigning a new Division Chair starting Jan 01-2024

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 Technical Division Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?

No

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes / No

Yes

Groundwater Division
Annual Report July 1, 2022 to June 30, 2023

Division Name: Groundwater Division (GWD)

Section 1: General

Date of this report: July 20th, 2023

Prepared by: François Duhaime

Division Chair: François Duhaime

End of Division Chair's Term: December 31st, 2023

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?

- 1) I have to keep the division alive! Not much has happened since the beginning of my term. The in person annual meetings at the conference only attract 1 or 2 participants each year.
- 2) I have been trying to organize a presentation of the new CFEM chapter on ground water control for the past two years, but I have failed to find time to organize it. Maybe this year!
- 3) I have to find a new chair as my term is ending on December 31st 2023.
- 4) The last few winners of the Farvolden award have been much more closely associated with IAH than CGS. Candidates (and potential sponsors) closer to CGS have been identified.

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Division webpage)

Chair: François Duhaime, ÉTS

Past Chair: Jasmin Raymond, INRS

Vice Chair: Dylan Stafford, University of Manitoba

IAH/CNC representative (non-voting): Brian Smerdon, University of Alberta

Section 3: Number of Division Members

Executive Committee Members: 3

1st Choice members (can be obtained from Lisa):

2nd Choice members (can be obtained from Lisa):

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

International Association of Hydrogeologists – Canadian National Chapter.

Comments:

The CGS-GWD is affiliated to 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 (Brian Smerdon) is a non-voting member of the Executive Committee of the GWD.

Section 5: Division Finances

Account Balance: 0 \$

Comments:

- The GWD does not require an annual fee and have no budget for operations. The GWD relies on volunteers to organize activities of interest to the scientific community concerned with groundwater.

Section 6: Division Activities in past year

- The annual meeting of the GWD was held on October 4th 2022 at the annual CGS conference. The current chair and one division member attended the meeting.
- The CGS shares the Robert N. Farvolden Award with the IAH-CNC. Only one application package was submitted this year. As the candidate was clearly excellent, the committee did not meet to discuss the application package and the Farvolden award was presented to this candidate.
- A candidate closer to CGS has been identified for the Farvolden Award next year. Some close collaborators of this candidate have been identified and will be met at the conference in Saskatoon.

Section 7: Additional information or comments

- N/A

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

Could I see the list of 1st choice members of the GWD to help me with the selection of the new Chair?

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes

***Rock Mechanics Division
Annual Report July 1, 2022 to June 30, 2023***

Division Name: Rock Mechanics Division

Section 1: General

Date of this report: July 7th, 2023

Prepared by: Jonathan D. Aubertin, Jenn Day

Division Chair: Jonathan D. Aubertin, Jenn Day

End of Division Chair's Term: 2026 (Aubertin) / 2024 (Day)

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?

CGS's RMD has identified the following priorities for next year:

1. Create a rock mechanics webinar series in collaboration with the Canadian Rock Mechanics Association (CARMA) and CIM's Rock Engineering Society (RES).
2. Increase visibility of RMD through available promotion methods and with partner groups (RES and CARMA).
3. Support roll-out of student-oriented initiatives currently under development through CARMA.
 - i. Undergraduate scholarship
 - ii. Student competition.
4. Revisit governance structure to formalize participation in executive membership.
5. Rock mechanics oriented workshop at GeoMontreal 2024

6. Publish at least 2 rock mechanics oriented articles in the Canadian Geotechnique magazine. We are working on a personality-showcase type of recurring article.

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Division webpage)

Co – Chair: Jenn Day (Queen’s University)
Co – Chair : Jonathan D. Aubertin (École de Technologie Supérieure)
Past Chair: Mohsen Nicksiar (SNC Lavallin)
Vice Chair: -
Secretary: Ghasem Shams (Sherbrooke University)
Member: Eliane Cabot (Newmont)
Member: Biao Li (Concordia University)
Member: Davide Elmo (University of British Columbia)
Member: Wenbo Zheng (University of Northern British Columbia)

Section 3: Number of Division Members

Executive Committee Members: 8

1st Choice members (can be obtained from Lisa): 358
2nd Choice members (can be obtained from Lisa): 268

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

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

- Canadian Rock Mechanics Association (CARMA)
 - Jenn Day (Chair)
 - Jonathan D. Aubertin (Committee member)
 - Eliane Cabot (VP finance)

North American affiliates and name(s) of CGS representative(s)
(NONE)

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

- International Society for Rock Mechanics and Rock Engineering (ISRM)

Comments:

- Derek Martin will be receiving the 2023 ISRM Müller Award at the ISRM Congress in Salzburg, Austria in October 2023; this top award by the ISRM occurs every 4 years, and it is noteworthy to emphasize the last award in 2019 was also received by a Canadian (Peter Kaiser)
- For the ISRM Congress in Salzburg Oct 2023, there will be strong representation from Canadians in the ISRM Council Meeting (Jenn Day is Canada’s Representative for that meeting), and technical paper contributions (>20 accepted papers)

Section 5: Division Finances

Account Balance: NA

Comments:

The RMD does not have a financial account

Section 6: Division Activities in past year

- Organized a rock mechanics workshop on rock engineering in mountain terrains hosted by BGC during GeoCalgary 2022.
- Updated terms and criteria for the John Franklin Award, and moved to be presented annually.
- Created an award for best rock mechanics paper presented at the annual CGS conference. To be awarded first at GeoSaskatoon 2023.
- Held a general assembly at GeoCalgary 2022.
- Formal creation of a student competition to be held annually in collaboration with CARMA.
- Formal creating of an undergraduate scholarship initiative to be funded by CARMA.

Section 7: Additional information or comments

(NONE)

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

(NONE)

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes

***Soil Mechanics and Foundations Division
Annual Report July 1, 2022 to June 30, 2023***

Division Name: Soil Mechanics and Foundation

Section 1: General

Date of this report: June 21, 2023

Prepared by: Lijun Deng

Division Chair: Lijun Deng

End of Division Chair's Term: December 2024

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?

- Nominate and select 2024 G.G. Meyerhof Award
- Organize 4th CGS SMFD Distinguished Lecture, tentatively scheduled in March 2024
- Selected speaker for 4th CGS SMFD Distinguished Lecture, nomination due November 2023
- Division annual meeting in GeoSaskatoon
- Review abstracts and papers for GeoSaskatoon, as assigned by the technical committee
- Involve in the CGJ Quigley Award selection and Colloquium selection
- Organize a virtual 6-hr workshop on the topic of piling practice in Canada
- Call for and review regular articles and 2024 special section articles for the Canadian Geotechnique

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your Division webpage)

Chair: Lijun Deng, University of Alberta

Past Chair: Laifa Cao, WSP

Vice Chair: Cheng Lin, University of Victoria

Secretary: Keshab Sharma, BGC Engineering

Executive members:

Amir Poshnejad,	EllisDon Corporation
Ashutosh Sutra Dhar,	Memorial University of Newfoundland
Wenbo Zheng,	University of Northern British Columbia
Lucas Siscate Bohrer,	Black & Veatch
Yuan Li,	Thurber Engineering Limited
Mahdi Taiebat,	UBC Vancouver
Darcy Hansen,	WSP
Erdrick Perez,	Université Laval
Jamie Bartz,	University of Manitoba
Albert Liu,	University of Alberta

Section 3: Number of Division Members

Executive Committee Members:

1st Choice members (can be obtained from Lisa): 648

2nd Choice members (can be obtained from Lisa): 168

Comments:

-

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 of Soil Mechanics and Geotechnical Engineering

Section 5: Division Finances

Account Balance: \$

Comments:

- The SMFD would like to sponsor the UA-CGS chapter \$500 to subsidize chapter events. The sponsorship is yet to be transferred to UA-CGS.

Section 6: Division Activities in past year

- Organized CGS SMFD Workshops on Earth Retaining Structures in November and December 2023
- Reviewed abstracts and full articles submitted to GeoCalgary 2022
- The 3rd CGS SMFD Distinguished Lecture (delivered by Peter Robertson), March 2023
- Selected new division chair, vice chair and executive members
- Division annual meeting during GeoCalgary 2022
- Monthly division executive member meetings

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 Technical Division Representative on the CGS Executive Committee; the CGS National Office or fellow Board members?

- The Division Chair has contacted Michel Aubertin, Jennifer Day, and other executives regarding the following action list:

- Named distinguished lecture
- Include the distinguished lecture in the award manual
- Minor editorial revision to the Meyerhof award manual

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?
Yes

COMMITTEE REPORTS

Education Committee Annual Report July 1, 2022 to June 30, 2023

Committee Name: Education Committee

Section 1: General

Date of report: June 30, 2023

Prepared by: Cheng Lin

Committee Chair: Cheng Lin

End of Committee Chair's Term: December 31, 2024

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

- The future of geotechnical engineering education forum at GeoMontreal 2024 and GeoWinnipeg 2025
- Highlighting the new faculty members or early career researchers across Canada and their passion for teaching
- Virtual University-continuing education program

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your CGS Committee webpage)

Chair: Cheng Lin, University of Victoria

Past Chair: Pooneh Maghoul, Polytechnique Montréal

Vice Chair: Ashutosh Sutra Dhar, Memorial University of Newfoundland

Secretary: Owen Jiang, EXP Services Inc.

(Add others as necessary)

Section 3: Number of Committee Members

Executive Committee Members: 6

Total members:

Comments:

•

Section 4: Is your Committee affiliated with other organizations? Yes/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)

•

Comments:

Section 5: Committee Finances

Account Balance: \$

Comments:

Section 6: Committee Activities in past year

•

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 Technical Division Representative, the CGS National Office or fellow Board members?

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes

Heritage Committee
Annual Report July 1, 2022 to June 30, 2023

Committee Name: Heritage Committee

Section 1: General

Date of report: 3 July 2023

Prepared by: Heinrich Heinz

Committee Chair: Heinrich Heinz

End of Committee Chair's Term: 31 December 2023

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

The purpose of the Heritage Committee is to preserve the history of geotechnique in Canada. (no change)

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.

- Continue to augment the contents in the Virtual Archives
- Produce Heritage-Related Articles for Canadian Geotechnique
- Add an International page on the Virtual Archives

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your CGS Committee webpage)

Chair: Heinrich Heinz (Thurber Engineering Ltd, Calgary)

Past Chair: David Cruden (no longer active in the Heritage Committee)

Vice Chair: Jacques Locat (Université Laval)

Secretary: Steven Harms (RRC Polytech, Winnipeg)

Section 3: Number of Committee Members

Executive Committee Members/Friends*:

Total members:

- Emma Åström (Canary Systems, Montréal)
- Lijun Deng (University of Alberta)
- Rajib Dey (WSP, Toronto)
- Valérie Fréchette (Hydro Québec, Montréal)
- Steven Harms (RRC Polytech, Winnipeg)
- Jorn Landva (WSP, Dartmouth NS)
- Suzanne Lacasse (NGI, Oslo - Norway)
- Andrea Loughheed (BGC, Vancouver)
- Fred Matich (MAJM Corporation, Toronto)
- Doug VanDine (VanDine Geological Engineering, Victoria)
- Mustapha Zergoun (Geotechnical Consultant, Vancouver)

Comments:

(*) The “friends” category was created in recognition that there are times when not all members can contribute to the committee, for professional and personal reasons.

(**) Highlighted items need to be updated on the CGS web site

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

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

Engineering Institute of Canada (History and Archives Committee) – Heinrich Heinz is the CGS representative

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

We have cooperated informally with James Withiam, Editor-in-Chief of ASCE’s GEOSTRATA Magazine and Brad Keelor (Director of ASCE’s GeoInstitute)

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

None

Section 5: Committee Finances

Account Balance: \$

Comments: N.A. (The “Oral History Initiative” from the EIC History and Archives Committee for which the CGS had provided funding, has now been completed)

Section 6: Committee Activities in past year

Various members of the Heritage Committee have been involved with preparation of articles for Canadian Geotechnique (some already published, some in preparation). We have continued to populate the Canadian Geotechnical Virtual Archives with contributions from CGS members, particularly the Lives Lived section..

Section 7: Additional information or comments

The email address for the Heritage Committee was changed from Heritage@cgs.ca to the more general info@cgs.ca – would it be possible to revert to Heritage@cgs.ca which is more intuitive?

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

At our last in-person meeting of the HC we discussed including more videos in the Virtual Archives and even using them for future interviews (which we currently conduct the conventional way), etc. Would this be possible within CGS' web site current capacity? Would it be possible for CGS to have an account in YouTube or Vimeo or similar service where we could upload videos to independently, with links in the Archives?

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

A "maybe" at this point.

Geohazards Committee
Annual Report July 1, 2022 to June 30, 2023

Committee Name: Geohazards Committee

Section 1: General

Date of report: 19 July 2023

Prepared by: Ariane Locat

Committee Chair: Ariane Locat (as of June 15th 2022)

End of Committee Chair's Term: June 15th 2024

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). It also involves in the nomination of the Schuster Medal in collaboration with the AEG.

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.

- Assisting in finalizing the GeoHazards 8 conference report
- Update the nomination/award process of the Schuster Medal
- Organize the next Geohazards Connection in spring 2024.
- Find a new coordinator for geohazards related paper for the Canadian Geotechnique Magazine
- Assist in advanced planning for GeoHazards 9

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your CGS Committee webpage)

Chair: Ariane Locat (ULaval)

Past Chair: Scott McDougall, UBC

Vice Chair: Megan van Veen, BGC

Secretary: N/A

Section 3: Number of Committee Members

Executive Committee Members: 3

Total members: ~60

Comments: 15 to 20 people assisted to the 2023 meeting.

Section 4: Is your Committee affiliated with other organizations? Yes/No

If yes:

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

- CGS Engineering Geology Division
- CGS Transportation Committee

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

- US Association of Engineering and Environmental Geologists (AEG)

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

- International Association of Engineering Geologists (IAEG)

Comments:

Section 5: Committee Finances

Account Balance: 10 100 \$

Comments:

- This is according to the 2022 Annual Committee Report. This number should be verified with the CGS VP Finances.
- CGS net revenue share from the 2022 GeoHazards 8 should also be included in the Committee finances.

Section 6: Committee Activities in past year

- Committee meetings on June 14th 2022 in Quebec City and December 5th 2022 online (meeting minutes are available on request)
- ULaval organized the 2023 Geohazards Connection on May 12th 2023.
- Assisting the organization of GeoHazards 9 which is planned by Prof. Renato Macciotta (UoA) and Carey Froese (BGC) to be in Edmonton in 2025. Definitive dates and venue are still to be defined.
- As M. Schuster stepped out of the nomination/award process of the Schuster Medal in December 2022, worked has been done by the Chair of the GeoHazards Committee to keep this award going for the 2023 edition. Further discussions with the AEG must be done so the process is more efficient in the coming years. Exchanges with them are also in progress to create new medal as the last one will be given at GeoSaskatoon in 2023.

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 Technical Division Representative, the CGS National Office or fellow Board members?

For the Technical Division Representative and CGS National Office

- Assistance and guidelines for the upcoming discussion with the AEG on the Schuster Medal award process would be appreciated.

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1? Yes

***Mining Geotechnique Committee
Annual Report July 1, 2022 to June 30, 2023***

Committee Name: Mining Geotechnique

Section 1: General

Date of report: July 28 2023
Prepared by: Ahlam Abdulnabi
Committee Chair: Ahlam Abdulnabi
End of Committee Chair's Term: December 2024

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

The mission of the Mining Geotechnique Committee is to foster advancement and collaboration in the field of Mining Geotechnique. We are dedicated to serving as a platform for robust dialogue among industry professionals, academics, and students to discuss critical issues related to research, education, and training in this essential scientific field.

We are committed to advocating the significance of Mining Geotechnique within the CGS, the geoscience community, and adjacent disciplines, striving to enhance the understanding and appreciation of this domain at multiple levels. Our role extends to serving as an effective liaison between the CGS and other mining-related national and international organizations, thereby fostering a sense of unity and shared purpose across borders.

Understanding the critical role of public engagement, we aim to publicize the importance of Mining Geotechnique to the Canadian public, highlighting how this field contributes to national development and prosperity. Lastly, we will actively contribute to initiatives that benefit the Mining Geotechnique community, ensuring its growth, sustainability, and relevance for generations to come.

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.

1. **Strengthen Industry-Academia-Student Interaction:** We plan on creating a structured forum for interaction among industry professionals, academics, and students. The objective is to stimulate discussion on current research, education trends, and training in the field of Mining Geotechnique. By facilitating these interactions, we hope to bridge the gap between theoretical knowledge and industry practice, enhancing the learning experience for students and young professionals.
2. **Awareness Campaign:** The committee's long-term goal aims to launch an awareness campaign to highlight the importance of mining to adjacent disciplines, particularly for the clean energy transition. We will work on developing accessible and engaging content that can be distributed across various platforms, including social media. The goal is to increase understanding and appreciation of the role of mining in national development and prosperity.
3. **Collaboration with National and International Organizations:** We aim to build strong relationships with other mining-related organizations such as ESRS, both nationally and internationally. We will identify opportunities for collaboration, shared learning, and joint initiatives that will benefit the broader mining community. These collaborations aim to promote a unified approach to addressing common challenges and opportunities in the field.
4. **Virtual Brainstorming Sessions:** We are thinking about hosting regular virtual brainstorming sessions, where members can openly discuss their ideas. These sessions will offer a platform for collaborative thought and for ideas to be shared, debated, and refined.

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your CGS Committee webpage)

Chair: Ahlam Abdulnabi, Thurber Engineering Ltd.

Past Chair: Thomas Pabst, Polytechnique Montreal

Vice Chair: Scott Laberge, Barr Engineering

Secretary: Mahmoud Ahmed, University of Alberta

(Add others as necessary)

Section 3: Number of Committee Members

Executive Committee Members: 3

Total members: 45

Comments:

Section 4: Is your Committee affiliated with other organizations? Yes/No Not yet

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)

•

Comments:

Section 5: Committee Finances

Account Balance: 0\$

Comments:

Section 6: Committee Activities in past year

1. Monthly Webinars

The committee organized several webinars dedicated to timely topics for mining Geotechnique professionals including the following webinars

- Exploring the Implications of FPIC and UNDRIP on the Social License to Operate Within the Extractive Sector in Canada.
- Tailings Governance & Portfolio Risk Management: A Journey of Tackling 10 Key Challenges

2. Special Session at GeoCalgary 2022

3. Publication of a short article for the news section of the CGS Magazine

4. Annual general meeting, in person during GeoCalgary on October 3, 2022

Section 7: Additional information or comments

- None at this time.

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

- None at this time.

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

No

*Professional Practice Committee
Annual Report July 1, 2022 to June 30, 2023*

Committee Name: Professional Practice Committee

Section 1: General

Date of report: 23 July 2023

Prepared by: Seán Mac Eoin

Committee Chair: Seán Mac Eoin

End of Committee Chair's Term: 31 December 2023

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,
- To 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.

This was previously provided and has not changed.

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.

- Participate in CGS Committee & Division Check-In meetings (Chair or substitute)
- Complete formal affiliation arrangements with GBA
- Continue to develop a relationship with AFG (Association des Firmes de Génie-Conseil) in Québec
- Continue to support Annual Conference with one or two Special Sessions
- Establish more Working Groups to examine Professional Practice issues, delivering appropriate information, guidance, or training for CGS members
- Facilitate CGS Members' access to Case History data, and resume the work of the Case Studies Collection Joint Working Group
- Continue to develop and monitor a program of initiatives at Executive Committee meetings, addressing all points of our mandate
- Contribute articles consistently to Canadian Géotechnique

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your CGS Committee webpage)

Chair: Seán Mac Eoin (Tetra Tech)
Past Chair: James Blatz (Trek Geotechnical and University of Manitoba)
Vice Chair: Vacant
Secretary: Dylan Hill (Malroz)

André Bom (Golder Associates), Bob Patrick (Retired), Imteaz Bhuiyan (City of Regina), Kristen Tappenden (Alberta Transportation), Pierre Boulanger (Tetra Tech), Roger Skirrow (Alberta Transportation), Michael Snow (Golder Associates), Sylvia Bryson (Stantec), Kent Bannister (Trek Geotechnical), Suzanne Powell (Thurber Engineering), Rob Kenyon (KGS), and Jason Crowder (Grounded Engineering Inc.).

Section 3: Number of Committee Members

Executive Committee Members: 15

Total members: Not known. There is currently no way of determining this.

Comments: It would be helpful to be able to reach out to an identifiable CGS membership group interested in Professional Practice matters. We also need the Annual Meetings (usually held during the CGS Annual Conference):

- (1) to be properly advertised before the conference
- (2) to be included in the conference schedule
- (3) to be appropriately promoted during the conference.

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

If yes:

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

- Informally to date : **Association des Firmes de Génie-Conseil** (AFG) Québec – Michael Snow. One meeting has taken place (last CGS year) with a positive response.

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

- **Geoprofessional Business Association** (GBA formerly ASFE) - Michael Snow & Kent Bannister. Meetings have taken place. A MoU has been agreed. Signature of the MoU is expected imminently. GBA representative has been invited to attend GeoSaskatoon2023 as a VIP.

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

- None yet.

Comments: Other North American organisations will be considered for affiliation based on Professional Practice issues.

Section 5: Committee Finances

Account Balance: \$0.00

Comments: Committees are not financed, and the Professional Practice Committee holds no funds. The Committee has discussed events to disseminate information, guidance, or training to the CGS membership, which may raise money to fund, for example, the invitation of Special Session contributors, who are not members of the CGS, to attend a conference social event.

Section 6: Committee Activities in past year

- Two ordinary meetings of the Committee have been held.
- We held the Annual Meeting of the Committee, with an attendance of 11.
- Discussions with the Geoprofessional Business Association have continued, and a Memorandum of Understanding has been agreed with the GBA, with signature expected imminently.
- 8 meetings of the GeoCalgary2022 Special Sessions Working Group were held
- We hosted two Special Sessions at GeoCalgary2022 on Tuesday 04 October 2022: “*Suit is a Four-Letter Word*” and “*Communication, Communication, Communication*”, led by Storer Boone (Ground Rules Engineering Inc.) and Colin Dunne (Franklin Covey), respectively.
- Our Chairman participated in the Division & Committee Chairs’ call on Thursday 11 May 2023.
- Progress of the Case Study Collection Joint Working Group with Heritage Committee has been delayed due to the increased employment commitments of all of its members.

Section 7: Additional information or comments

- As in recent years, the work of the PPC has been affected by the increase in employment workload of its members. This may be due, in part, to the nationwide recruitment crisis in many sectors of the economy, noticeable in engineering consultancy. This impact may affect other parts of the CGS organisation. All of us may have to find ways to continue and increase our CGS work with fewer volunteer hours available.

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

The comment provided in Section 7 above may be worthy of consideration by the VP Technical and by the CGS National Office. The question is perhaps, “How do we continue to achieve more for our members with less volunteer time available?”

Is there any obstacle to or procedure for a Committee raising funds and using those funds for its activities?

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes

Sustainable Geotechnics Committee
Annual Report July 1, 2022 to June 30, 2023

Committee Name: Sustainable Geotechnics

Section 1: General

Date of report: July 7, 2023

Prepared by: Catherine Mulligan

Committee Chair: Catherine Mulligan

End of Committee Chair's Term: Dec. 31, 2023.

1) What is the mission statement, or main purpose, of your committee? Has it changed? No

- Raise the awareness of sustainable geotechnique for the development of sustainable and resilient civil infrastructure and society;
- 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.

- Organizing special session for GeoSaskatoon
- Updating the web site
- Preparing articles for Fall 2023 CGS Magazine on climate change mitigation and adaptation
- Case studies are being solicited.
- Presentation in TC 307 workshop at 2nd International Conference on Construction Resources for Environmentally Sustainable Technologies in Fukuoka, Japan, Nov. 20-22, 2023.
- .

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your CGS Committee webpage)

Chair: Catherine Mulligan

Past Chair: Tim Newson

Vice Chair: Sumi Suddiqua

Secretary:

(Add others as necessary)

Section 3: Number of Committee Members

Executive Committee Members: 3

Total members: 19

Comments:

- Tim Newson, Western
- Dipanjan Basu, University of Waterloo
- Ian Fleming, University of Saskatchewan
- Roger Skirrow, *Alberta Transportation*
- Stan Gonsalves, *exp*
- Tony Sangiuliano, *MTO*
- Susanne Chan, *MTO*
- Imteaz Bhuyian, Water Security Agency
- Pooneh Maghoul, Polytechnique
- Laxmi Kant Kachhwal, Nichols Environment
- Biao Li, Concordia University

- Urzula Wajdzik, Reinforced Earth
- Carol Domitric, Isherwood
- Naresh Gurpersaud, Keller
- Saeed Abulghany
- Gilbert Girumugisha, Polytechnique
- Eric Blond, Eric Blond Consultant
- Sumi Suddiqua, UBC Okanagan

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

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):

•

Comments:

- ISSMGE TC 307
- C. Mulligan
- D. Basu
- T. Newson

Section 5: Committee Finances

Account Balance: \$ 0

Comments:

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Section 6: Committee Activities in past year

- Cross-country lecture tour on sustainable geotechnical engineering and site remediation by C. Mulligan
- Meeting of committee took place at GeoCalgary
- Reviewed papers and chaired session on sustainable geotechnique at GeoCalgary
- Prepared news article for Fall 2022 CGS Magazine (Tony Sanguilano, MTO on Reuse of Existing Foundations)
- Prepared articles for special edition of Fall 2023 CGS Magazine on climate change
- Organization of special session at sustainable geosynthetics at GeoSaskatoon

Section 7: Additional information or comments

- Not applicable

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Section 8: Do you have any specific questions or issues that you would like to bring to the attention of the Technical Division Representative, the CGS National Office or fellow Board members? No

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes

Transportation Geotechnique Committee
Annual Report July 1, 2022 to June 30, 2023

Committee Name: Transportation Geotechnique Committee

Section 1: General

Date of report: July 16, 2023

Prepared by: Harpreet Panesar

Committee Chair: Harpreet Panesar

End of Committee Chair's Term:

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

The Transportation Geotechnique Committees mission is to promote geotechnical engineering as a means of creating a resilient and sustainable transportation network.

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.

Community engagement through hosting Technical Workshops and Talks

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your CGS Committee webpage)

Chair: Harpreet Panesar, SoilRocks Consulting Inc

Past Chair: Don Lewycky, Retired

Vice Chair: Brent Hay, TREK Geotechnical Inc.

Secretary: Ahmed Mahgoub, WSP

(Add others as necessary)

Member at Large Jenna Roadley, Government of Manitoba

Section 3: Number of Committee Members

Executive Committee Members: 5

Total members: 60 – 111?

Comments: TGC Executive does not have any records or means to say how many total members. It will be helpful if this information can be shared by the CGS National.

Section 4: Is your Committee affiliated with other organizations? Yes/No

If yes:

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

- Transportation Association of Canada – Brent Hay

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

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

Comments: TGC Executive Team is aware of only one active Executive Member being associated with TAC. It would be helpful if CGS National can share the TGC members list with us and who else, they are affiliated with. Alternatively, if the TGC members list is provided to us we can reach out to our members to find out if they are affiliated with other organizations such that we can find common grounds and build relationships.

Section 5: Committee Finances

Account Balance: \$4073.33

Comments:

•

Section 6: Committee Activities in past year

- TGC hosted a 1-Day Terrain Analysis Online Workshop in Fall 2022 which was very successful and attended by 111 participants from all across Canada.
- TGC is planning to collaborate with JDMA team again to host another virtual Terrain Analysis Event on November 22nd, 2023.

Section 7: Additional information or comments

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

Under Section 3 and Section 4, Is there a criterion to establish who is a member of any given committee? It will be helpful if committee members list is shared with the respective Chair along with the request to submit Half-Year and Year-End reports.

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?
Yes / No
Yes

Membership Committee
Annual Report July 1, 2022 to June 30, 2023

Committee Name: Membership Committee

Section 1: General

Date of report: July 2, 2023
Prepared by: Justyna Kos-Fairless & Vincent Castonguay
Committee Chair: Justyna Kos-Fairless & Vincent Castonguay
End of Committee Chair’s Term: December 2025

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

The mandate of the Membership Committee is to:

- 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

The mandate of the committee has not changed.

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.

The largest task the Committee aims at tackling in 2023-2023 is to propose a solid plan to overhaul the CGS website, in collaboration with contributors from the CGS National Office.

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your CGS Committee webpage)

Chair: Justyna Kos-Fairless (Suncor) & Vincent Castonguay (Seequent)

Past Chair: David Wood (RockDoc)

Members: Pierre-Olivier Dionne (Hydro-Québec), Ramy Saadeldin (MVCA), Eliane Cabot (Newmont)

Optional Attendees: Kshama Roy (YP Chair, DNV)), Wesley Saunders (Division and Committee Chair, GKM)

Section 3: Number of Committee Members

Executive Committee Members: 6

Total members: 6

Comments: The Committee doesn't not have members outside of its executive committee.

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)

Comments:

Section 5: Committee Finances

Account Balance: 0\$

Comments: The Committee does not handle money.

Section 6: Committee Activities in past year

- In varying capacities, the Membership Committee supported various initiatives throughout the year, such as: young professionals mentorship program, EDI webinar, Women in engineering day.

Section 7: Additional information or comments

- A website modernisation scoping study was submitted to the executive committee on June 13th, 2023 and approval was received to proceed with the work. A proposal with recommendations will be submitted to the EC at the April 2024 meeting. Next update on the progress of this initiative will be at the BOD meeting in October 2023.

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

No

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes (VC)

No (JKF)

Young Professional Committee
Annual Report July 1, 2022 to June 30, 2023

Committee Name: Young professional Committee

Section 1: General

Date of report: July 26, 2023

Prepared by: Kshama Roy

Committee Chair: Kshama Roy

End of Committee Chair's Term: December 31, 2024

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

The Young Professionals Committee at the Canadian Geotechnical Society is a professional group for early-career individuals in the geotechnical industry. Geotechnical Engineering is an integral part of Canada's infrastructure, and we are committed to building the next generation of geotechnical leaders for the industry. The CGS Young Professionals Committee thrives to expand the CGS offering for younger members of the Society by promoting collaboration between interested parties within and outside the CGS, and by acting as a think tank to propose new and innovative ways to interact with YP members.

Our Vision: Building the next generation of geotechnical leaders.

Our Mission: Network, Knowledge, Development, Collaboration, and Impact

Network: Provide a network of peers and industry veterans

Knowledge: Create avenues for building geotechnical knowledge

Development: Provide access to both personal and professional development

Collaboration: Create opportunities through collaboration with industry, academia, government and other young professional groups outside Canadian Geotechnical Society

Impact: Articulate our vision for the future to the changing industry landscape

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.

- The inaugural Canadian Geotechnical Student Competition (CGSC)
- Second in-person social event in Edmonton
- CGS YP Committee Award
- CGS YP Committee Swags

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your CGS Committee webpage)

- Chair: Kshama Roy (Inaugural Chair)
- Past Chair: N/A
- Vice Chair: Leanne McLaren
- Secretary: Silvia Nobre
- Lead – Knowledge: Rajith Dayarathne
- Lead – Network: Naveel Islam
- Lead – Development: Intisar Ahmed
- Lead – Impact: Kamelia Atefi
- Lead – Collaboration: Chelsea Burdon
- Executives -at-Large: Brennan McMulin, Bryce Marcotte, Angela Vriends

Section 3: Number of Committee Members

Executive Committee Members: 12

Total members: 221 (According to LinkedIn group)

Comments:

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)

Comments:

Section 5: Committee Finances

Account Balance: \$ 9228.38 (Under CGS YP committee Restricted Account)

Comments:

Section 6: Committee Activities in past year

- The inaugural Mentorship program – 17 pairs; Running extremely well with no issues to date; A mid-year survey draft went out to all the 17 pairs
- The inaugural Canadian Geotechnical Student Competition (CGSC) – Planning completed; Both LOC and National CGS are on board; Execution started and is going in full swing; Many interests to date; 4050 CAD sponsorship is confirmed; Few more are on the way
- The inaugural 'Geotech 101 of Young Professionals' monthly webinar series – 6 webinars organized in 6 months; Excellent response from the audience; over 100 attendance each webinar; Great feedback to date
- The inaugural 'Strong Foundations: Professional Development for Geotechnical Engineers Quarterly webinar series – Non-technical in nature focusing on soft skills; 2 webinars organized to date; Overwhelming response from the audience; over 100 attendance each webinar; Great feedback to date; A total 5 is already scheduled for 2023
- First in-person social event in Calgary (Tips & tricks on P.Eng. & P.Geo application) – Huge success! 75 people attended and overwhelming positive feedback; A total of 5.5k raised from sponsors; 2.6k used; Tons of requests for the second social!
- Second in-person social event: Tentatively set up for Sep 15, 2023 in Edmonton; Organizing committee has been set-up; Planning underway; A similar event will follow in eastern Canada next year

Section 7: Additional information or comments

- The CGS YP movement is on the rise, getting noticed and well appreciated by the CGS members and also other societies!
- The CGS YP Committee has shown tremendous success in getting sponsors and in raising their own committee funds
- CGS YP Committee restricted account under CGS national's bank account is sorted out & going well (Thanks to Lisa, Bill and CGS National)

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

- Food for thought for CGS National: CGS YP conference – Should it be under the YP committee? Should the proceeds go to the YP committee?
- Food for thought for CGS National: CGS Student chapters – Should it be under YP committee or Education committee?

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 1?

Yes

OTHER REPORTS

Geotechnical Research Board Annual Report July 1, 2022 to June 30, 2023

Geotechnical Research Board (GRB)

Section 1: General

Date of report: July 14, 2023

Prepared by: Marolo Alfaro and Paul Simms

GRB Chair: Marolo Alfaro

End of Chair's Term: December 2024

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

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.

2) List one, or two or three (or more) specific things that the GRB will be working on, or wishes to accomplish, during the next CGS year (July 1, 2023 to June 30, 2024)..

- Evaluation of submissions and selection of the 2024 Colloquium (name to be announced at GeoSaskatoon 2023).
- Organization of a breakfast special session on NSERC Discovery and Alliance Programs at GeoSaskatoon 2023 on Wednesday, 4 October 2023.
- Organization of in-person annual meeting at GeoSaskatoon 2023.
- Recruit 3 new members of GRB.
- Formally solicit research priorities from the CGS community

Section 2: Current Executive Committee Members and their Affiliations (employers or, if students, universities – these will be posted on your CGS webpage)

Chair: Marolo Alfaro

Past Chair: Greg Siemens

Vice Chair: Paul Simms

Secretary: Hany El-Naggar

(Add others as necessary)

Section 3: Number of Committee Members

Executive Committee Members: 3 (Chair, Vice-Chair, Secretary)

Total members: 11

Comments: 3 members will end their term.

Section 4: GRB Activities in past year

- Co-organized special session on Equity, Diversity, and Inclusion (EDI) at the Calgary conference (GeoCalgary 2022).
- Selection of the 2024 Colloquium Recipient.
- Organized annual in-person meeting of GRB members at the Calgary conference (GeoCalgary 2022).
- Article submitted to Fall edition of Canadian Geotechnique, to solicit participation and community input in GRB activities

Section 5: Additional information or comments

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Section 6: 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?

Would CGS National support food expenses during the breakfast session on NSERC Discovery Grant at GeoSaskatoon? We have asked Geosaskatoon but they were not able to oblige us due to budget concerns.

Are you planning to attend the fall board meeting, to be held in Saskatoon, at GeoSaskatoon this October 2?

Yes

Canadian Geotechnical Journal – Greg Siemens, Editor-in-Chief Annual Report 2022

[DOUBLE-CLICK ON PUSH PIN TO OPEN FILE] 

CGS News – Nicholas Beier, Editor Annual Report July 1, 2022 to June 30, 2023

In the fourth year of the *Canadian Geotechnique / Geotechnique canadienne* magazine, there have been some personnel changes to the editors and staff. I am taking on an expanded role as the Editor and will be coordinating submissions for the CGS News, the Features Section, the Geo-Interest section and working with the guest editors for the special theme sections in the magazine. I have worked closely with Lisa Reny (Managing Editor), Emily Fournier (CGS News Editorial Assistant), Lesia Beznaczuk (Features/Geo-Interest Editorial Assistant), Bill Reny (Production Manager) and the Editorial Board, to ensure the CGS News has maintained its required content and technical articles of interest and content are regularly published. The magazine is published four times a year (Spring, Summer, Fall and Winter), with mandatory items appearing in each specific issue as detailed in the CGS Administration Manual.

The CGS News includes “From the Board”, “Member in the News”, and other news items in which events and activities from the various sections, divisions, committees, and Geotechnical Research Board (GRB) are highlighted. Emily Fournier provides support for the CGS News section, including copy-editing, compiling CGS board information, and coordination with the translation service. A reminder, CGS News items (typically less than 500 words plus a photo or two) cover what is going on, what has gone on and what will be going on in the CGS, and the people involved. These items include what, where, why, how and who nationally, in the Sections, Divisions, Committees and the GRB. Most of this information could come from the yearly fall updates prepared for the CGS annual reports and the Canadian geotechnical conferences, plus interesting events or activities that are planned or have recently occurred. I am happy to work with Directors and Chairs to discuss potential news items and content.

Over the past year, the CGS News section also highlighted major accomplishments and awards of our colleagues in the Members in the News section. In some cases, I utilized citations, which were prepared by Lisa and Emily for the E-News, to communicate why our members deserved their awards. Members submitted other citations.

The Features section (with support from new hire, Lesia Beznaczuk) has typically included 1-3 technical articles per issue submitted by the Features Editors on Cold Regions Geotechnics, Geohazards, Heritage, Instrumentation and Monitoring, Major Projects, Mine Waste Geotechnics, Professional Practice, Rock Mechanics and Rock Engineering, Canadian Foundation for Geotechnique, and Young Professionals. Geo-Interest articles have also been published in each issue and include technical or general interest articles submitted by CGS members that do not directly align with

the Feature topics. We are encouraging Division and Committee Chairs to coordinate with the Features editors on submitting technical articles for future issues.

Each issue of the magazine over the past year has also included a special feature section containing technical articles dedicated to particular themes including the following: CGS 50th Anniversary, GeoCalgary 2022 Conference Highlights, Canadian Foundation Engineering Manual, and the Southern Ontario Section. A guest editor organizes these special sections that include 4-6 articles and an introduction by the guest editor. Planning for special sections into 2024 is underway with interest from the Edmonton, Alberta, local section and the Soil Mechanics and Foundations Division. Representatives interested in leading a special section in the magazine are encouraged to contact the editorial team. Please note, these sections take many months to organize and compile to ensure the articles are of suitable topic and quality.

CGS News items, Features, and Geo-Interest articles are submitted approximately 2.5 months before the publication date (Special Sections are submitted 3 months prior). Emily, Lesia and I work with the contributors to compile and edit the articles. The team at Karma-Link has developed an efficient, easy-to-follow workflow to ensure news items are received, edited and compiled in time to meet publishing deadlines. A long-range content and issue planner has been developed for the magazine and the CGS News section. We have worked hard to increase the bilingual content in the CGS News section, and almost all news items have been printed in both French and English over the past year, including some of the technical Feature’s articles. However, the timing of submissions is still the limiting factor. To ensure translations can be completed in a timely manner, we have pushed submission deadlines a little earlier.

Over the past few years, I presented a schedule for news item submissions for the Section, Division, Committee and the GRB chairs. I have encouraged these groups to prepare news items describing the mandates, goals and initiatives of their respective groups and members. A majority of the groups has submitted according to the schedule with some even submitting news items for multiple issues. I commend the representatives for participation and contributions to the CGS News section! I believe this initiative has increased CGS news contributions from the various groups and propose to continue this approach going forward. Attached in Table 1 is a draft schedule for CGS News items assignments for 2024. The schedule is based on submission timing from last year but is open for revision based on feedback from the group representatives.

The success of the magazine is due to the support and patience I received from the representatives submitting articles, the team at Karma-Link, the CGS Executive Committee and the Board of Directors. Thanks to Rob Kenyon for the timely submissions of the President’s Message. I continue to encourage all members of the Board of Directors to submit news items and announcements to me. In the case of time-sensitive articles, please remember that I need to receive these contributions at least two and half months prior to the publication date.

CGS News Item Schedule – January 2024. Proposal by Nicholas Beier, CGS News Editor

Table 1. Proposed CGS News item assignment for 2024 Canadian Geotechnique issues.

Issue	Division	Committee
Spring 2024 (Due December 15)	Geosynthetics	Mining Geotechnique
	Rock Mechanics	Heritage
Summer 2024 (News Item Due March 15)	Soil Mechanics and Foundations	Young Professional Education
	Groundwater	Geohazards
Fall 2024 (News Item Due June 15)	Geoenvironmental	Transportation Geotechnique
	Geotechnical Research Board	Professional Practice
Winter 2024 (News Item Due Sept. 15)	Cold Regions Geotechnology	Sustainable Geotechnics
	Engineering Geology	Membership

CANADIAN GEOTECHNICAL SOCIETY - AWARDS AND HONOURS 2023

R.F. Legget Medal	S. Lee Barbour
G. Geoffrey Meyerhof Award Thomas Roy Award Robert N. Farvolden Award (Joint award with IAH-CNC) John A. Franklin Award Rober Schuster Medal (Joint award with AEG)	Dave Chan Scott McDougall Masaki Hayashi Jose Carvalho Stephen Evans
R.M. Quigley Award (from the CGJ)	Xiaoyan Liu, Surya Sarat Chandra Congress, Guojun Cai, Lulu Liu, Songyu Liu, Anand J. Puppala, Wenwei Zhang Title: <i>Development and validation of a method to predict the soil thermal conductivity using thermal piezocone penetration testing (T-CPTU)</i>
Honourable Mentions	Ibrahim Lashin, Michael Ghali, Marc Smith, Daniel Verret, Mourad Karray Title: <i>Investigation of small- to large-strain moduli correlations of rockfill materials — application to Romaine-2 dam</i> Joao Mendes, Abdallah Najdi, David Encalada, Pere C. Prat, Alberto Ledesma Title: <i>Towards the development on new high capacity tensiometers capable of measuring soil matric suction beyond 3 MPa</i> Hongwei Liu, Giovanni Cascante, Pooneh Maghoul, Ahmed Shalaby Title: <i>Experimental investigation and numerical modeling of piezoelectric bender element motion and wave propagation analysis in soils</i>
Fredlund Award 2023 (from the CGJ)	Lu Liu, Hanlong Liu, Armin W. Stuedlein, T. Matthew Evans, Yang Xiao Title: <i>Strength, stiffness, and microstructure characteristics of biocemented calcareous sand</i>
Fredlund Award 2022 (from the CGJ)	Y. Hong, B. He, L.Z. Wang, Z. Wang, C.W.W. Ng, D. Mašin Title: <i>Cyclic lateral response and failure mechanisms of semi-rigid pile in soft clay: centrifuge tests and numerical modelling</i>
Graduate Student Presentation Award	
1 st Prize	Maha Saleh
2 nd Prize	Sepehr Chalajour
Undergraduate Student Report (Individual)	
1 st Prize	Kelly Lowry
2 nd Prize	Henry Gage
Undergraduate Student Report (Group)	
1 st Prize	Samantha Bennett; Knut Lokken; Kathleen O'Connor; Matthew Taylor; Nathaniel Tratnik
2 nd Prize	Gurjap Grewal; Abeer Lamba; Caleigh MacDonald; Owen Perfect
Canadian Foundation for Geotechnique Michael Bozozuk National Graduate Scholarship	Naveel Islam
Dennis Becker Canadian Foundation for Geotechnique M.Sc. Student Award	Émélie Gagnon
Early Achievement Award	Kshama Roy
A.G. Stermac Awards	Ken Skaffeld Gordon Fenton Doug VanDine Nicholas Beier

CGS R.M. Hardy Keynote Address
Canadian Geotechnical Colloquium
Cross Canada Lecture Tours

Murray Fredlund
Pooneh Maghoul
Spring 2023, Steve Kramer
Fall 2023, Hesham El Naggar

Awards From Engineering Institute of Canada (EIC)

Sir John Kennedy Medal
CPR Engineering Medal

Delwyn Fredlund
Jocelyn Hayley

Fellowship of the Institute (FEIC)
Fellowship of the Institute (FEIC)

Mario Ruel
Nicholas Vlachopoulos

LA SOCIÉTÉ CANADIENNE DE GÉOTECHNIQUE – PRIX ET DISTINCTIONS 2023

Médaille R.F. Legget

S. Lee Barbour

Prix G. Geoffrey Meyerhof

Prix Thomas Roy

Prix Robert N. Farvolden

(Prix conjoint avec l'AIH-SNC)

Prix John A. Franklin

Médaille Rober Schuster

(Distinction conjointe avec l'AEG)

Dave Chan
Scott McDougall
Masaki Hayashi

Jose Carvalho
Stephen Evans

Prix R.M. Quigley (remis par la RCG)

Xiaoyan Liu, Surya Sarat Chandra Congress, Guojun Cai, Lulu Liu, Songyu Liu, Anand J. Puppala, Wenwei Zhang

Titre : *Development and validation of a method to predict the soil thermal conductivity using thermal piezocone penetration testing (T-CPTU)*

Mentions honorables

Ibrahim Lashin, Michael Ghali, Marc Smith, Daniel Verret, Mourad Karray

Titre : *Investigation of small- to large-strain moduli correlations of rockfill materials — application to Romaine-2 dam*

Joao Mendes, Abdallah Najdi, David Encalada, Pere C. Prat, Alberto Ledesma

Titre : *Towards the development on new high capacity tensiometers capable of measuring soil matric suction beyond 3 MPa*

Hongwei Liu, Giovanni Cascante, Pooneh Maghoul, Ahmed Shalaby

Titre : *Experimental investigation and numerical modeling of piezoelectric bender element motion and wave propagation analysis in soils*

Prix Fredlund 2023 (remis par la RCG)

Lu Liu, Hanlong Liu, Armin W. Stuedlein, T. Matthew Evans, Yang Xiao

Titre : *Strength, stiffness, and microstructure characteristics of biocemented calcareous sand*

Prix Fredlund 2022 (remis par la RCG)

Y. Hong, B. He, L.Z. Wang, Z. Wang, C.W.W. Ng, D. Mašin

Titre : *Cyclic lateral response and failure mechanisms of semi-rigid pile in soft clay: centrifuge tests and numerical modelling*

Prix pour étudiant gradué

1^{ière} place Maha Saleh

2^{ième} place Sepehr Chalajour

Prix pour étudiant de premier cycle (présentation individuelle)

1^{ière} place Kelly Lowry

2^{ième} place Henry Gage

Prix des étudiants de premier cycle (présentation de groupe)

1^{ière} place Samantha Bennett; Knut Lokken; Kathleen O'Connor; Matthew Taylor; Nathaniel Tratnik

2^{ième} place Gurjap Grewal; Abeer Lamba; Caleigh MacDonald; Owen Perfect

Bourse nationale pour études supérieures Michael Bozozuk de la Fondation canadienne de géotechnique Naveel Islam

Prix Dennis Becker pour les étudiants à la maîtrise de la Fondation canadienne de géotechnique Émélie Gagnon

Prix d'excellence en début de carrière Kshama Roy

Prix A.G. Stermac
Ken Skafffeld
Gordon Fenton
Doug VanDine
Nicholas Beier

Allocution d'ouverture R.M. Hardy Murray Fredlund
Colloquium canadien de géotechnique Pooneh Maghoul
La Tournée de conférences transcanadienne Printemps 2023, Steve Kramer
Automne 2023, Hesham El Naggar

Prix et distinctions de l'institut canadien des ingénieurs (ICI)

Médaille Sir John Kennedy Delwyn Fredlund

Médaille du chemin de fer Canadien Pacifique Jocelyn Hayley

Fellow de L'ICI Mario Ruel

Fellow de L'ICI Nicholas Vlachopoulos