

The Canadian Geotechnical Society

**La Société canadienne
de géotechnique**



2015

Annual Report / Rapport annuel

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CANADIAN GEOTECHNICAL SOCIETY - AWARDS AND HONOURS 2015

R.F. Legget Award Jacques Locat, Université Laval

R.M. Quigley Award Tony M. Allen, Richard J. Bathurst "Performance of an 11 m high block-faced geogrid wall designed using the K-stiffness method"

Honourable Mention: Shelley A. Huntley, Arun J. Valsangkar "Behaviour of H-piles supporting an integral abutment bridge"
Yang Liu; Will P. Gates, Abdelmalek Bouazza, Kerry R. Rowe "Fluid loss as a quick method to evaluate hydraulic conductivity of geosynthetic clay liners under acidic conditions"
Charles D. Shackelford "The ISSMGE Kerry Rowe Lecture: The role of diffusion in environmental geotechnics"

G. Geoffrey Meyerhof Award Richard Bathurst Royal Military College of Canada

Thomas Roy Award Mark Diederichs Queen's University

Roger J. E. Brown Award **no award 2015**

John A. Franklin Award Hani Mitri McGill University

Geoenvironmental Award **no award 2015**

Geosynthetics Award **no award 2015**

Robert N. Farvolden Award Diana Allen Simon Fraser University

(Joint award with IAH-CNC)

Robert Schuster Medal David Cruden University of Alberta

Graduate Student Paper Award

1st Prize Amy Rentz "Field performance of exposed geosynthetic composite liner systems: Down-slope bentonite erosion from a geosynthetic clay liner (GCL)" Civil Engineering, Queen's University, Dr. Kerry Rowe

2nd Prize Eliza Rozina "Dewatering in laboratory simulation of a multilayer deposit of in-line flocculated mature fine tailings" Civil and Environmental Engineering, Carlton University, Dr. Paul Simms

Undergraduate Student Report (Individual)

1st Prize Helena Diao "Evaluating Methods for Assessing Rotational Stability of Surface Rock Wedges", Civil and Environmental Engineering, University of Waterloo, Dr. David Brush

2nd Prize Brian Wazney "Review and Application of Limit States Design (LSD) for Winnipeg Riverbanks" Civil Engineering, University of Manitoba, Dr. Marolo Alfaro

Undergraduate Student Report (Group)

1st Prize Kate Briscoe, Kate Thompson, Gordon Goode, Kirandeep Dhillon "Tailings Management Facility Design Final Report" Civil Engineering, Queen's University Dr. David Noonan

2nd Prize Gavin Black, Savanna Herman, Shammai Ugalino, Aron Zahradka "Long Lake Project: Tunnel Versus Rock Cut Design Option Analysis" Earth, Ocean & Atmospheric Science, University of British Columbia (Vancouver), Susan W. Hollingshead

Canadian Foundation for Geotechnique Michael Bozozuk National Graduate Scholarship

Christopher Kocur, Western University

A.G. Stermac Awards

J. Paul Dittrich, Principal, Golder Associates Ltd.

David M. Gauthier, Senior Geological Engineer/Geoscientist, BGC Engineering Inc.

A. Wayne Clifton, President, Clifton Associates Ltd.

CGS R.M. Hardy Keynote Address Dr. Jean-Marie Konrad, Professeur, Université Laval

Canadian Geotechnical Colloquium Dr. Greg Siemens, Associate Professor, Queens University

Cross Canada Lecture Tours Nick Sitar (Spring 2015), Gordon Fenton (Fall 2015)

AWARDS FROM ENGINEERING INSTITUTE OF CANADA (EIC)

Fellowship of the Institute (FEIC) Alex Sy, Vice President, Klohn Crippen Berger

Fellowship of the Institute (FEIC) Mark Diederichs, Professor, Queens University

LA SOCIÉTÉ CANADIENNE DE GÉOTECHNIQUE – PRIX ET DISTINCTIONS 2015

Médaille R.F. Legget Jacques Locat, Université Laval

Prix R.M. Quigley Tony M. Allen, Richard J. Bathurst "Performance of an 11 m high block-faced geogrid wall designed using the K-stiffness method"

Mention honorable Shelley A. Huntley, Arun J. Valsangkar "Behaviour of H-piles supporting an integral abutment bridge"
Yang Liu; Will P. Gates, Abdelmalek Bouazza, Kerry R. Rowe "Fluid loss as a quick method to evaluate hydraulic conductivity of geosynthetic clay liners under acidic conditions"
Charles D. Shackelford "The ISSMGE Kerry Rowe Lecture: The role of diffusion in environmental geotechnics"

Prix G. Geoffrey Meyerhof Richard Bathurst Royal Military College of Canada

Prix Thomas Roy Mark Diederichs Queen's University

Prix Roger J.E. Brown **N'a pas été décerné en 2015**

Prix John A. Franklin Hani Mitri McGill University

Prix du géoenvironnement **N'a pas été décerné en 2015**

Prix des géosynthétiques **N'a pas été décerné en 2015**

Prix Robert N. Farvolden Diana Allen Simon Fraser University

(Prix conjoint avec AIH-SNC)

Médaille Robert Schuster David Cruden University of Alberta

Prix de la présentation des étudiants aux cycles supérieurs

1^{er} prix Amy Rentz "Field performance of exposed geosynthetic composite liner systems: Down-slope bentonite erosion from a geosynthetic clay liner (GCL)" Civil Engineering, Queen's University, Dr. Kerry Rowe

2^e prix Eliza Rozina "Dewatering in laboratory simulation of a multilayer deposit of in-line flocculated mature fine tailings" Civil and Environmental Engineering, Carlton University, Dr. Paul Simms

Prix du rapport des étudiants du premier cycle (individuel)

1^{er} prix Helena Diao "Evaluating Methods for Assessing Rotational Stability of Surface Rock Wedges", Civil and Environmental Engineering, University of Waterloo, Dr. David Brush

2^e prix Brian Wazney "Review and Application of Limit States Design (LSD) for Winnipeg Riverbanks" Civil Engineering, University of Manitoba, Dr. Marolo Alfaro

Prix du rapport des étudiants du premier cycle (Groupe)

1^{er} prix Kate Briscoe, Kate Thompson, Gordon Goode, Kirandeep Dhillon "Tailings Management Facility Design Final Report" Civil Engineering, Queen's University Dr. David Noonan

2^e prix Gavin Black, Savanna Herman, Shammai Ugalino, Aron Zahradka "Long Lake Project: Tunnel Versus Rock Cut Design Option Analysis" Earth, Ocean & Atmospheric Science, University of British Columbia (Vancouver), Susan W. Hollingshead

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

Christopher Kocur, Western University

Prix A.G. Stermac

J. Paul Dittrich, Principal, Golder Associates Ltd.

David M. Gauthier, Senior Geological Engineer/Geoscientist, BGC Engineering Inc.

A. Wayne Clifton, President, Clifton Associates Ltd.

Allocution R.M. Hardy Keynote Address Dr. Jean-Marie Konrad, Professeur, Université Laval

Colloquium canadien de géotechnique Dr. Greg Siemens, Associate Professor, Queens University

Tournée de conférences pancanadiennes Nick Sitar (printemps 2015), Gordon Fenton (automne 2015)

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

Fellow de L'ICI

Alex Sy, Vice President, Kohn Crippen Berger

Fellow de L'ICI

Mark Diederichs, Professor, Queens University

CANADIAN GEOTECHNICAL SOCIETY / SOCIÉTÉ CANADIENNE DE GÉOTECHNIQUE

2015 BOARD OF DIRECTORS, COMMITTEE CHAIRS, OTHER POSITIONS AND HEADQUARTERS MEMBRES DU CONSEIL D'ADMINISTRATION ET DU PERSONNEL DU SIÈGE SOCIAL, PRÉSIDENTS DES COMITÉS ET PERSONNES OCCUPANT D'AUTRES POSTES EN 2015

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

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

BOARD OF DIRECTORS

CONSEIL D'ADMINISTRATION

Executive Committee / Comité exécutif

President / Président 2016

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Vice President Technical 2016

Vice-président technique

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Vice-président aux finances

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Vice President Communications 2016

Vice-président aux Communications

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Young Professional Representative 2016

Représentante des jeunes professionnels

Ariane Locat, ing. jr

Dép. de génie civil et de génie des eaux

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Technical Division Representative 2016

Représentant des divisions techniques

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Section Representative 2016

Représentant des sections

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Division Chairs

Présidents des divisions

Cold Regions Geotechnology 2016

Géotechnologie des régions froides

Baolin Wang, P.Eng.

Geological Survey of Canada

Natural Resources Canada

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Engineering Geology 2015

Géologie de l'ingénieur

Doug Stead, P.Eng.

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Geosynthetics Géosynthétiques Richard Brachman, P.Eng. Dept. of Civil Engineering Queen's University Kingston ON K7L 3N6 Tel: 613 533 3096; Fax: 613 533 2128 brachman@queensu.ca	2016	Prince George Geotechnical Group Dave McDougall, P.Eng. GeoNorth Engineering Ltd. 3975 18th Avenue Prince George BC V2N 1B2 Tel: 250 564-4304; Fax: 250 564-9323 d.mcdougall@geonorth.ca	2015
Groundwater Eaux souterraines Frank Magdich, P.Eng. Oak Environmental Inc. 103, 4712 - 13th Street NE Calgary AB T2E 6P1 Tel: 403 250 9810; Fax: 403 250 3978 frank@oakenviro.com	2017	Interior BC Geotechnical Group Sumi Siddiqua, P.Eng. School of Engineering University of British Columbia, Okanagan Campus 1137 Alumni Ave Kelowna BC V1V 1V7 Tel: 250 807 9863; Fax: 250 807 9850 sumi.siddiqua@ubc.ca	2015
Rock Mechanics Mécanique des roches Sam Proskin, P.Eng. Thurber Engineering Ltd. 180, 7330 Fisher Street SE Calgary AB T2H 2H8 Tel: 403 253 9217x134 sproskin@thurber.ca	2017	Geotechnical Society of Edmonton Seán Mac Eoin, P.Eng. AECOM 18817 Stony Plain Road NW Edmonton AB T5S 0C2 Tel: 780 930 0032; Fax: 780 486 7070 sean.maceoin@aecom.com	2016
Soil Mechanics and Foundations Mécanique des sols et des fondations Alex Baumgard, P.Eng./P.Geo. BGC Engineering Inc. 500 - 980 Howe St Vancouver BC V6Z 0C8 Tel: 604 684 5900; Fax: 604 684 5909 abaumgard@bgcengineering.ca	2016	Calgary Geotechnical Group Scott McKean, P.Eng. Stantec Consulting Ltd. 200 - 325 25 th St SE Calgary AB T2A 7H8 Tel: 403 716 8098; Fax: 403 716 8039 scott.mckean@stantec.com	2017
Section Directors Directeurs des sections		Regina Geotechnical Group Harpreet Panesar, P.Eng. Technical Standards Branch Ministry of Highways and Infrastructure 240 Henderson Dr Regina SK S4N 5P7 Tel: 306 798 5296; Fax: 306 787 4836 Harpreet.Panesar@gov.sk.ca	2016
Vancouver Geotechnical Society Jason Pellett, P.Eng./GIT Tetra Tech EBA Inc. Suite 1000, 10 th Floor 885 Dunsmuir St Vancouver BC V6C 1N5 Tel: 778 945 5841; Fax: 604 684 6241 Jason.Pellett@tetrattech.com	2016	Saskatoon Geotechnical Group Erik P. Ketilson, P.Eng. SRK Consulting (Canada) Inc. Suite 205, 2100 Airport Dr Saskatoon SK S7L 6M6 Tel: 306 955 4778; Fax: 306 955 4750 eketilson@srk.com	2016

<p><i>Winnipeg Section</i></p> <p>Kendall Thiessen, P.Eng. City of Winnipeg 15-30 Fort St Winnipeg MB R3C 4X5 Tel: 204 986 5159; Fax 204 986 3684 kthiessen@winnipeg.ca</p>	2016	<p><i>Section régionale Ouest-du-Québec</i></p> <p>Yannic Ethier, ing. École de technologie supérieure 1100, rue Notre-Dame Ouest Montréal QC H3C 1K3 Tel : 514 396 8460 yannic.ethier@etsmtl.ca</p>	2017
<p><i>Ottawa Geotechnical Group</i></p> <p>Mamadou Fall Dept. of Civil Engineering University of Ottawa 161 Louis Pasteur Ottawa ON K1N 6N5 Tel: 613 562 5800 Ext. 6558; Fax: 613 562 5173 mfall@genie.uottawa.ca</p>	2015	<p><i>Section régionale Est-du-Québec</i></p> <p>Jean Côté, ing. Dép. de génie civil et de génie des eaux 1065, avenue de la Médecine Pavillon Adrien-Pouliot, Université Laval Québec QC G1V 0A6 Tel: 418 656 5936; Fax: 418 656 2928 Jean.Cote@gci.ulaval.ca</p>	2015
<p><i>Thunder Bay Regional Geotechnical Group</i></p> <p>Eltayeb Mohamedelhassan, P.Eng. Dept. of Civil Engineering Lakehead University 955 Oliver Rd Thunder Bay ON P7B 5E1 Tel: 807 343 8363; Fax: 807 346 7943 eltayeb@lakeheadu.ca</p>	2015	<p><i>Nova Scotia Section</i></p> <p>James S. Mitchell, P.Eng. Stantec Consulting Ltd. 102 - 40 Highfield Park Dr Dartmouth NS B3A 0A3 Tel: 902 468 0421; Fax 902 468 9009 James.Mitchell@stantec.com</p>	2016
<p><i>Kingston Section</i></p> <p>Nicholas Vlachopoulos, P.Eng. Civil Engineering Dept. Royal Military College of Canada Kingston ON K7K 7B4 Tel: 613 541 6000, Ext 6398; Fax: 613 541 6218 vlachopoulos-n@rmc.ca</p>	2016	<p><i>New Brunswick Section</i></p> <p>Benjamin McGuigan, P.Eng. GEMTEC Limited 191 Doak Rd Fredericton NB E3C 2E6 Tel: 506 453 1025; Fax: 506 453 9470 benjamin.mcguigan@gemtec.ca</p>	2017
<p><i>Toronto Group</i></p> <p>Andrew Drevininkas, P.Eng. Toronto Transit Commission 1138 Bathurst St Toronto ON M5R 3H2 Tel: 416 393 4681; Fax: 416 338 0414 andrew.drevininkas@ttc.ca</p>	2017	<p><i>St John's. NL Chapter</i></p> <p>Sylvia Bryson, P.Eng. C-CORE Capt. Robert A. Bartlett Bldg., Morrissey Rd St John's NL A1C 3X1 Tel: 709 864 2636; Fax: 709 864 4706 sylvia.bryson@c-core.ca</p>	2017
<p><i>London and District CSCE-CGS</i></p> <p>Andrew Stewart, EIT Englobe (Formerly LVM, a division of EnGlobe Corp) 60 Meg Drive, Suite 12 London ON N6E 3T6 Tel : 519 685 6400 Fax 519 685 0943 andrew.stewart@englobecorp.com</p>	2017	<p>Ex Officio Members Membres d'office</p>	
<p><i>Sudbury Chapter</i></p> <p>Sarah Poot, P.Eng. Golder Associates Ltd. 1010 Lorne St Sudbury ON P3C 4R9 Tel: 705 524 6861 Ext 2269; Fax: 705 524 1984 spoot@golder.com</p>	2016	<p><i>Past President / Ancien président</i></p> <p>Richard Bathurst, P.Eng. Civil Engineering Dept. Royal Military College of Canada Kingston ON K7K 7B4 Tel: 613 541 6000 Ext 6479; Fax: 613 541 6218 bathurst-r@rmc.ca</p>	2015

Geotechnical Research Board
Président, Conseil de la recherche
en géotechnique

2016

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Editor Canadian Geotechnical Journal
Le directeur de la rédaction de la Revue
canadienne de géotechnique

From April 1st, 2007 / Depuis le 1er avril 2007

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Editor, CGS News in Geotechnical News
Le directeur de la rédaction des Nouvelles
de la SCG

2016

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Representative of CSCE on CGS Board June 2017
Représentant de la SCGC sur le Conseil de la SCG

Tony Bégin, P.Eng.

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Heritage Committee
Comité sur le patrimoine

2017

David Cruden

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301,11640-79 Avenue NW
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Landslides Committee

2015

Comité sur les glissements de terrain

Michael Porter, P.Eng.

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Professional Practice Committee

2017

Comité sur la pratique professionnelle

Suzanne Powell, P.Eng.

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Mining Geotechnique Committee

2017

Comité technique sur la géotechnique minière

Paul Simms, P.Eng.

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Sustainable Geotechnics Committee

2017

Comité sur la géotechnique durable

Tim Newson

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Transportation Geotechnique Committee

2015

Comité sur la géotechnique des transports

Roger Skirrow, P.Eng.

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2nd Floor, 4999 – 98th Ave
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END OF DIRECTOR'S LIST
FIN DE LA LISTE DES ADMINISTRATEURS

CHAIRS OF STANDING COMMITTEES
PRÉSIDENTS DES COMITÉS PERMANENTS

Education Committee
Comité sur l'éducation

2016

Jinyuan Liu, P.Eng.

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**CGS HEADQUARTERS
SIÈGE SOCIAL DE LA SCG**

Executive Director / Directeur général

Michel Aubertin, ing.

8828 Pigott Road
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Tel: 604 277 7527; Fax: 604 277 7529
Toll Free: 1 800 710 9867

ExecDir@cgs.ca ; DirGen@cgs.ca

Administrator / Administrateur

Gibson Group Management Inc

Wayne Gibson, P.Eng.

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Toll Free: 1 800 710 9867
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Lisa McJunkin

8828 Pigott Road
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Toll Free: 1 800 710 9867
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**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)

Doug VanDine, P.Eng./P.Geo.

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267 Wildwood Ave
Victoria BC V8S 3W2

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President@cgs.ca or / ou vandine@islandnet.com

Representative to CFES Council

Représentant sur le Conseil de la FCST

Nicholas Vlachopoulos, P.Eng.

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Representative to CSCE Board:

Représentante sur le Conseil de la SCGC

Catherine Mulligan, ing.

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President's Annual Report – Doug VanDine

July 1, 2014 to June 30, 2015

This is the first of my two Presidential annual reports. I assumed office on January 1, 2015, and therefore the first six-month period of this report, between July and December 2014, was overseen by the current past-President **Richard Bathurst**. Richard and his administration left the affairs of the society in good order.

Among other things, between July and December 2014:

- The very successful 67th CGS Annual Conference (GeoRegina 2014) was held in Regina, SK, chaired by **Wayne Clifton** and his local organizing committee: this included the presentation of excellent technical papers and the recognition of CGS members with a number of awards, scholarships, keynote lectures and certificates of appreciation. Among these, **Peter Byrne** was awarded the 2014 Legget Medal, **Lee Barbour** presented the RM Hardy Keynote Lecture and **Scott McDougall** presented the Colloquium (all are listed elsewhere in this Annual Report).
- **Ryan Phillips**, from C-CORE, St John's, NL, presented the 94th Cross Canada Lecturer Tour.
- Plans for the 5th edition of the Canadian Foundation Engineering Manual were formulated.
- A seventh Standing Committee, the Sustainable Geotechnics Committee, was approved for inception on January 1, 2015.
- Service pins were given to CGS members to recognize their years of service.
- Memorandums of Understanding were signed with GeoQuebec 2015 and GeoOttawa 2017.
- Nominations for EIC fellowships and awards were submitted.
- The position of Secretary General was changed to Executive Director and, as of January 1, 2015, **Michel Aubertin** succeeded Secretary General **Victor Sowa**.

In addition, most of the 20 CGS Local Sections were active and almost 50 technical events were organized and hosted by the Local Sections between July and December 2014.

Between January 1, 2015 and June 30, 2015, the society moved forward on a number of fronts. This was with the able assistance of the 2015-2016 Executive Committee, CGS Headquarters, and many volunteers associated with the Local Sections, Technical Divisions, Standing Committees, the CGS News and the Geotechnical Research Board (listed elsewhere in this Annual Report). Among other things:

- A monthly e-Newsletter, CGS Geotechnical Info Net, was launched.
- Two issues of CGS News were published in *Geotechnical News* under the editorship of **Don Lewycky**.
- The Annual Performance Report for the National Research Council was prepared by **Murray Grabinsky** (Chair, CGS Geotechnical Research Board), submitted and published online.
- The CGS Geotechnical Research Board selected **Jasmin Raymond** to present the 2016 Colloquium; **Greg Siemens** was selected last year to present the 2015 Colloquium in September at GeoQuebec 2015.
- **Nick Sitar**, from University of California, Berkeley CA, presented the 95th Cross Canada Lecture Tour.
- A template for affiliation agreements between the CGS and its many affiliates was drafted, and the first such agreement was signed with a new affiliate, the Association of GeoHazard Professionals.
- Affiliation agreements with other organizations were initiated.
- The first draft of a rewritten CGS Awards and Honours Manual was completed.
- A full complement of 2015 CGS awardees was selected, including the 2015 Legget Medalist. They will be awarded in September at GeoQuebec 2015.
- Preparations continued for the upcoming CGS Annual Conferences: GeoQuebec 2015 (**Jean Côté**, Chair), GeoVancouver 2016 (**Mustapha Zergoun** and **Andrea Loughheed** co-Chairs) and GeoOttawa 2017 (**Mamadou Fall**, Chair).
- Preparations began for the 5th Canadian Young Geotechnical Engineers and Geoscientists Conference in Whistler, BC in the fall of 2016 (**Julian McGreevy** and **Maraika De Groot**, co-Chairs).
- An Advisory Committee was initiated by Vice President Technical **Angela Küpper** for the 5th edition of the Canadian Foundation Engineering Manual.
- Vice President Communications **Catherine Mulligan** began the updating process for the CGS website.
- Division Representative **Richard Brachman** began the updating process for the web pages for the Technical Divisions and Standing Committees.
- Vice President Finance **Dharma Wijewickreme** and CGS Administrator **Wayne Gibson** reviewed and reinvigorated the CGS investments.

- Local Section Representative **Seán Mac Eoin** and New Brunswick Local Section Director **Benjamin McGuigan** were instrumental in rejuvenating that local section, and Seán provided assistance to a number of other Local Sections.
- A Young Professional Representative, **Ariane Locat**, was appointed to the Executive Committee as an observer.
- The Executive Committee met twice, one of those being a face-to-face meeting in Vancouver. Among many other things, Vice President Finance **Dharma Wijewickreme** reported that the society is in very good financial shape.

In addition to these CGS national initiatives, once again most of the 20 CGS Local Sections were active and almost 60 technical events were organized and hosted by the Local Sections between January and June 2015.

On a personal note, I would like to extend my sincerest appreciation to the members of the Executive Committee and all other volunteers and members of CGS who have helped move the CGS forward in 2015. I would specifically like to single out the CGS Headquarters staff, Executive Director **Michel Aubertin** and administrators **Wayne Gibson** and **Lisa McJunkin**. Without them, the CGS would not be able to function.

Rapport annuel du président – Doug VanDine ***1^{er} juillet 2014 au 30 juin 2015***

Voici le premier de mes deux rapports présidentiels annuels. Je suis entré en fonction le 1^{er} janvier 2015 et, par conséquent, la période des six premiers mois couverte par le présent rapport, entre juillet et décembre 2014, a été supervisée par mon prédécesseur, **Richard Bathurst**. Richard et son administration ont laissé les affaires de la Société en bon ordre.

Entre autres choses, entre juillet et décembre 2014:

- La 67^e conférence annuelle de la SCG (GeoRegina 2014) a eu lieu à Regina, en Saskatchewan, et a été une réussite; elle a été présidée par **Wayne Clifton** et son comité organisateur local. Cette conférence comportait la présentation d'excellents articles techniques et la reconnaissance de membres de la SCG avec plusieurs prix, bourses, conférences prononcées par des invités d'honneur et certificats d'appréciation. Parmi ceux-ci, **Peter Byrne** a été le récipiendaire de la Médaille Legget 2014, **Lee Barbour** a présenté la conférence d'ouverture R.M. Hardy et **Scott McDougall** a présenté le Colloquium (toutes les personnes qui ont reçu un prix ou une distinction sont listées dans ce rapport annuel).
- **Ryan Phillips**, de C-CORE, à St John's, à Terre-Neuve-et-Labrador, a présenté la 94^e Tournée de conférences transcanadiennes.
- Les plans pour la 5^e édition du Manuel canadien d'ingénierie des fondations ont été formulés.
- La création d'un septième comité permanent, le Comité sur la géotechnique durable, a été approuvée le 1^{er} janvier 2015.
- Des épinglettes de service ont été remises aux membres de la SCG pour reconnaître leurs années de service.
- Des protocoles d'entente ont été signés pour les conférences annuelles de GéoQuébec 2015 et GeoOttawa 2017.
- Des candidatures pour les prix et les honneurs de l'ICI ont été soumises.
- Le poste de secrétaire général a été changé pour celui de directeur général, et le 1^{er} janvier 2015, **Michel Aubertin** a succédé au secrétaire général, **Victor Sowa**.

De plus, la plupart des 20 sections locales de la SCG ont été actives et près de 50 événements techniques ont été organisés par celles-ci entre juillet et décembre 2014.

Entre le 1^{er} janvier 2015 et le 30 juin 2015, la Société est allée de l'avant avec de nombreux dossiers, et ce, grâce à l'aide chevronnée des membres du Comité exécutif 2015-2016, du siège social de la SCG et des nombreux bénévoles associés aux sections locales, aux divisions techniques, aux comités permanents, au CGS News et au Conseil de recherche en géotechnique (listés dans ce rapport annuel). Entre autres éléments, mentionnons:

- Un bulletin d'information électronique mensuel, le *Réseau d'information géotechnique de la SCG*, a été lancé.

- Deux numéros de CGS News ont été publiés dans *Geotechnical News*, sous la rédaction de **Don Lewycky**.
- L'Évaluation annuelle du rendement du Conseil national de recherche a été préparée et soumise par **Murray Grabinsky** (président, Conseil de recherche en géotechnique); ce document est aussi publié en ligne.
- Le Conseil de recherche en géotechnique de la SCG a sélectionné **Jasmin Raymond** pour présenter le Colloquium 2016 et **Greg Siemens** a été choisi l'année dernière pour présenter le Colloquium 2015 en septembre, dans le cadre de la conférence GéoQuébec 2015.
- **Nick Sitar**, de l'Université de la Californie, à Berkeley, a présenté la 95^e Tournée de conférences transcanadiennes.
- Un modèle de contrat d'affiliation entre la SCG et ses nombreuses organisations affiliées a été rédigé, et un premier contrat de ce genre a été signé avec une nouvelle organisation, l'Association of GeoHazard Professionals.
- Des contrats d'affiliation avec d'autres organisations sont en préparation.
- La première ébauche d'un manuel sur les prix et distinctions a été rédigée.
- L'ensemble des lauréats d'un prix ou d'une distinction de la SCG en 2015 a été sélectionné, y compris celui de la Médaille Legget 2015. Ces prix et distinctions seront remis en septembre, lors de la conférence GéoQuébec 2015.
- Les préparations se poursuivent pour les prochaines conférences annuelles de la SCG : GéoQuébec 2015 (**Jean Côté**, président), GeoVancouver 2016 (**Mustapha Zergoun** et **Andrea Loughheed**, coprésidents) et GeoOttawa 2017 (**Mamadou Fall**, président).
- Les préparations ont commencé pour la 5^e Conférence canadienne des jeunes ingénieurs géotechniciens et géoscientifiques à Whistler, en C.-B., à l'automne 2016 (**Julian McGreevy** et **Maraika De Groot**, coprésidents).
- Un comité consultatif a été créé par la vice-présidente technique, **Angela Küpper**, pour la 5^e édition du Manuel canadien d'ingénierie des fondations.
- La vice-présidente aux communications, **Catherine Mulligan**, a entrepris la mise à jour du site Web de la SCG.
- Le représentant des divisions, **Richard Brachman**, a commencé le processus d'actualisation des pages Web des divisions techniques et des comités permanents.
- Le vice-président aux finances, **Dharma Wijewickreme**, et l'administrateur de la SCG, **Wayne Gibson**, ont examiné et revigoré les placements de la SCG.
- Le représentant des sections locales, **Seán Mac Eoin**, et le directeur de la section locale du Nouveau-Brunswick, **Benjamin McGuigan**, ont joué un rôle essentiel dans la revitalisation de cette section locale; Seán a aussi aidé de nombreuses autres sections locales.
- Une représentante des jeunes professionnels, **Ariane Locat**, a été nommée au Comité exécutif à titre d'observatrice.
- Les membres du Comité exécutif se sont rencontrés à deux reprises; l'une de ces réunions s'est déroulée en personne à Vancouver. Entre autres sujets, le vice-président aux finances, **Dharma Wijewickreme**, a souligné que la Société est dans une excellente situation financière.

En plus de ces initiatives nationales de la SCG, la plupart des 20 sections locales ont été de nouveau actives et près de 60 événements techniques ont été organisés et présentés par celles-ci entre janvier et juin 2015.

Sur une note personnelle, j'aimerais adresser mes plus sincères remerciements aux membres du Comité exécutif ainsi qu'à tous les autres bénévoles et membres de la SCG qui ont permis à la Société d'aller de l'avant en 2015. J'aimerais particulièrement souligner la contribution du personnel du siège social de la SCG, le directeur général, **Michel Aubertin**, ainsi que les administrateurs, **Wayne Gibson** et **Lisa McJunkin**. Sans eux, la SCG ne serait pas en mesure de fonctionner.

Vice-President Technical – Angela Küpper

Report of Activities - July 1, 2014 to June 30, 2015

CGS Sponsored, Co-Sponsored and Supported Conferences

The 67th Canadian Geotechnical Conference (GeoRegina 2014) was held from September 28 to October 2, 2014. A specialty conference “International Discrete Fracture Network Engineering Conference” was held in Vancouver in October 2014 with support from CARMA (Canadian Rock Mechanics Association, which represents the combined membership of the Canadian Institute of Mining’s Society for Rock Mechanics and the CGS Rock Mechanics Division). The 4th International Oil Sands Tailings Conference (IOSTC 2014) was held on December 7-10, 2014, in Lake Louise, Alberta. These were well-attended conferences.

Plans are underway for GeoQuebec 2015, GeoVancouver 2016 and GeoOttawa 2017. Coming up in November is the XV Pan American Conference on Soil Mechanics & Geotechnical Engineering in Buenos Aires, Argentina.

Cross Canada Lecture Tour (CCLT)

The CCLT continues to be a cornerstone of the society, having been in existence since 1965. The fall 2014 CCLT speaker was Dr. Ryan Phillips, from C-Core in St. John’s, NL. The spring 2015 CCLT speaker was Dr. Nick Sitar from University of California, Berkeley. The fall 2015 CCLT will be Dr. Gordon Fenton from Dalhousie University. And in spring 2016 we will host Dr. Antonio Gens from University of Barcelona in Spain. Tour travel is funded by the Canadian Foundation for Geotechnique and the generous support of the industry sponsors, which are greatly appreciated. Also appreciated is the considerable time devoted to the tours by each speaker.

Canadian Geotechnical Journal (CGJ)

The CGJ is an important showcase for our community, publishing both international and national high quality manuscripts and maintaining its strong reputation as one of the three leading international geoengineering journals. The journal continues to flourish under the guidance of Editors Dr. Ian Moore and Dr. Daichao Sheng and 39 Associate Editors from Canada and 11 other countries. In 2014, 556 manuscripts were received with 124 published (an acceptance rate of 22%); 620 manuscripts are projected for 2015. Given the significant backlog of manuscripts waiting to be published, the two editors will have to reduce further the percentage of papers being accepted. The CGJ published an excellent special issue on unsaturated soils in December of 2014. Two other special issues are in development, with the idea of publishing one each year.

The Thomson Reuters’ impact factor (an imperfect measure of journal quality, though one widely used) increased from 0.358 to 1.332 over the past eight years. Elsevier’s 2014 SJR (a measure of influence and prestige) ranked CGJ as 7th among 154 geotechnical and engineering geology journals. SCImago continues to rank the CGJ as the second of all 297 journals published in Canada, behind only *The Journal of Psychiatry and Neuroscience*. These values vary from year to year, and it is the effort of the Editors and their team that maintain the journal’s high rankings.

We are very proud of the CGJ and thank the Editors, the Associate Editors and the Paper Reviewers (many thousand reviewers over the last 52 years) for an outstanding job.

CGS Standing Committees

There are currently seven standing technical committees, including the new Sustainable Geotechnics Committee which was approved for inception on January 1, 2015.

- The Education Committee chaired by Jinyuan Liu continues to successfully run the CGS Undergraduate and Graduate Student Competitions and administer the Michael Bozozuk Canadian Foundation for Geotechnique National Graduate Scholarship. The committee is supporting the organization of the 5th Canadian Young Geotechnical Engineers and Geoscientists Conference (5th cYGEGC) in Whistler, BC in 2016. The Education Committee also supports GeoJeopardy and will sponsor social events for the young geotechnical professionals during GeoQuebec 2015.
- David Cruden has accepted the chair of the Heritage Committee, replacing Suzanne Powell. The Heritage Committee has also uploaded to its website material that is of interest to the membership, including Jim Graham’s “Lives Lived” section, and is working on acquiring additional material. As incoming chair, Dave Cruden would like to reconnect with those people who have previously expressed interest in the Heritage Committee. Thanks to Dr. Cruden for accepting this position.
- The chair of the Landslide Committee, Mike Porter, in collaboration with the chair of the Engineering Geology Division (Doug Stead) and the chair of the Transportation Division (Roger Skirrow) worked with AEG on the selection of the 2015 Schuster Medal. The 2015 recipient will be Dr. David Cruden of University of Alberta. The Landslide Committee led CGS’s support to the Geological Survey of Canada to

publish the Canadian Technical Guidelines on Landslides (a link to these guidelines can be found in the committee's webpage). The committee had preliminary discussions with AEG about supporting a 3rd North American Symposium on Landslides (NASL) that could potentially be held in 2017 in the eastern USA and coordinated and participated in the review of technical papers on landslides for the GeoRegina 2014 and GeoQuebec 2015.

- The Mining Geotechnique Committee, chaired by Paul Simms has been busy with participation in conferences and has played a role helping review the papers for GeoRegina. At the committee meeting in Regina, several ideas were discussed on how to broaden the contribution of the committee to CGS beyond the yearly participation in the conference. The committee is planning on initiating a student-oriented event to facilitate networking between students and professionals.
- The Professional Practice Committee has organized a specialty session at GeoRegina and has two specialty sessions planned for GeoQuebec 2015. The new chair of the committee is Suzanne Powell who takes over from Kent Bannister. Thanks to Kent for his long and competent leadership of this committee and to Suzanne for accepting this new role.
- The new Sustainable Geotechnique Committee is chaired by Tim Newson of University of Western Ontario and has 15 members in its Executive. They are working on developing the committee scope and activities for next few years.
- The Transportation Geotechnique Committee, chaired by Roger Skirrow, is working with the Soils and Materials Standing Committee of the Transportation Association of Canada (TAC SMSC) for the development of Guidelines for Design, Construction and Operations of MSE Structures. CGS committee members will be surveyed for geotechnical topics of national interest that TAC could bring forward as standards, guidelines or specifications document. Several committee members are key players in the Rail Ground Hazard Research Project (RGHRP) and are undertaking a broad spectrum of research projects, and developing a set of guidelines for rail ground hazard management. Several RGHRP and transportation related abstracts were submitted to the GeoQuebec 2015.

We take this opportunity to express our appreciation to the Committee Chairs and the 80+ additional committee members for their valuable contributions.

Canadian Geotechnical Research Board (GRB)

The GRB is chaired by Murray Grabinsky. A major initiative was the preparation and submission of the Annual Performance Report for the National Research Council. This report assists in obtaining NRC's financial subsidy for the CGS's national membership fee to the ISSMGE.

The CGS Colloquium speaker for GeoRegina 2014 was Scott McDougall of BGC Engineering and for GeoQuebec 2015 will be Greg Siemens of the Royal Military College in Kingston. The 2016 Colloquium will be announced at GeoQuebec 2015.

Canadian Foundation Engineering Manual (CFEM)

The CFEM will be updated from its 4th Edition published in 2006. Before then, however, the errata for the 4th Edition will be updated. This new initiative will involve each chapter being updated individually, in order of priority, and delivered in electronic format both in English and in French. The tone will continue to be non-prescriptive and focused on the practitioner. The intent is to make the new CFEM consistent with other design guidance documents (e.g., Canadian Highway Bridge Design Code).

An editor has been selected (Richard Bathurst) and an Advisory Committee has been appointed. The Advisory Committee members are primarily practitioners with substantial experience and recognized expertise who represent the geotechnical practice across Canada: Dennis Becker (Chair), Daryl DeMerchant, Jean Lafleur, Ernest Naesgaard, John Westland. We appreciate their willingness to contribute to the CFEM. The committee also includes the Vice President Technical and the Chair of the Soil Mechanics Division (ex-officio). The Advisory Committee and the Editor will be selecting Lead Authors, Co-authors and Reviewers of each chapter in the near future. We thank all CGS members who responded to the request for volunteers for these positions.

Rapport de la vice-présidente technique – Angela Küpper Activités du 1^{er} juillet 2014 au 30 juin 2015

Conférences commanditées, cocommanditées et subventionnées par la SCG

La 67^e conférence canadienne de géotechnique (GeoRegina 2014) a eu lieu du 28 septembre au 2 octobre 2014. Une conférence spécialisée, l'International Discrete Fracture Network Engineering Conference, s'est

déroulée à Vancouver, en C.-B., en octobre 2014 et était commanditée par l'ACMR (l'Association canadienne de mécanique des roches qui représente l'Institut canadien des mines de la Société de la mécanique des roches et la Division de la mécanique des roches de la SCG). La 4th International Oil Sands Tailings Conference a eu lieu en décembre 2014, à Lake Louise, en Alberta.

Tournée de conférences transcanadiennes (TCT)

- Le conférencier de la TCT de l'automne 2014 était le Dr Ryan Phillips (C-CORE, St. John's, T.-N.).
- Le conférencier de la TCT du printemps 2015 était le Dr Nick Sitar (Université de la Californie, Berkeley, Californie).
- La TCT de l'automne 2015 sera présentée par le Dr Gordon Fenton (Université de Dalhousie, Halifax, N.-É.).
- Le conférencier du printemps 2016 sera le Dr Antonio Gens (Université de Barcelone, Espagne).

Revue canadienne de géotechnique (RCG)

La RCG continue à publier des manuscrits de grande qualité à l'échelle nationale et internationale et à conserver une solide réputation à titre de l'une des trois revues géotechniques de premier rang sur le plan international. Elle a publié un excellent numéro spécial sur les sols non saturés en décembre 2014. Deux autres numéros spéciaux sont en rédaction en vue d'en publier un chaque année. En 2014, 556 manuscrits ont été reçus et 124 d'entre eux ont été publiés (un taux d'acceptation de 22 %). On prévoit recevoir 620 manuscrits en 2015.

La SCG est très fière de la RCG et remercie ses rédacteurs, le Dr Ian Moore et le Dr Daichao Sheng, les 39 rédacteurs adjoints du Canada et de 11 autres pays, ainsi que les nombreux réviseurs d'articles pour leur travail exceptionnel.

Comités permanents de la SCG

Il y a actuellement sept comités techniques permanents : le Comité sur l'éducation (Jinyuan Liu, directeur); le Comité sur le patrimoine (David Cruden, directeur); le Comité sur les glissements de terrain (Mike Porter, directeur); le Comité sur la géotechnique minière (Paul Simms, directeur); le Comité sur les pratiques professionnelles (Suzanne Powell, directrice); le Comité sur la géotechnique durable (Tim Newson, directeur); et le Comité sur la géotechnique des transports (dirigé par Roger Skirrow). Tous les comités ont été très actifs au cours de la dernière année. Nous saisissons cette occasion pour exprimer notre reconnaissance aux présidents des comités ainsi qu'aux quelque 80 autres membres participant aux comités pour leur précieuse contribution.

Conseil canadien de recherche en géotechnique (CCRG)

Le CCRG est présidé par Murray Grabinsky. Une de ses initiatives importantes a été la préparation et la soumission de l'Évaluation annuelle du rendement pour le Conseil national de recherche.

Le CCRG est également responsable de choisir le conférencier du Colloquium de la SCG. Le conférencier du Colloquium de GeoRegina 2014 était Scott McDougall (BGC Engineering, Vancouver, C.-B.), et Greg Siemens (Collège militaire royal, Kingston, Ontario) sera celui de GéoQuébec 2015. Le conférencier du Colloquium 2016 sera annoncé durant GéoQuébec 2015.

Manuel canadien d'ingénierie des fondations (MCIF)

Le MCIF sera actualisé à partir de sa 4^e édition publiée en 2006. L'erratum pour la 4^e édition sera toutefois mis à jour avant. Cette nouvelle initiative consistera en l'actualisation de chaque chapitre, en ordre de priorité, et en leur présentation en format électronique en français et en anglais. Le ton sera toujours non normatif et axé sur le praticien. L'objectif est de faire en sorte que le MCIF respecte d'autres documents de référence sur la conception (p. ex. le Code canadien sur le calcul des ponts routiers).

Les membres du comité consultatif ont été nommés et représentent des professionnels expérimentés de la géotechnique de partout au Canada: Dennis Becker (directeur), Daryl DeMerchant, Jean Lafleur, Ernest Naesgaard et John Westland. Ce comité compte également parmi ses rangs la vice-présidente technique de la SCG et le directeur de la Division de la mécanique des sols et des fondations de la SCG (d'office). Richard Bathurst a été sélectionné à titre de rédacteur.

Le comité consultatif et le rédacteur choisiront prochainement des auteurs principaux, des coauteurs et des réviseurs pour chaque chapitre. Nous remercions tous les membres de la SCG qui ont répondu à la demande de bénévoles pour ces postes.

Vice-President Finance – Dharma Wijewickreme
Report of Activities – Fall 2015

General

This financial report summarizes the society's revenues and expenses for FY 2014 (Jan 1, 2014 to Dec 31, 2014), and the revenues and expenses for FY 2015 from Jan 1, 2015 to June 30, 2015). The financial balance sheet as of June 30, 2015 is also attached. Overall, the society continues to be in a strong financial position. Revenue and expenses are very similar to those seen in 2013. A budgeted deficit of approximately \$20K was proposed for 2014, but the society's revenue over expenses position ended with a surplus of \$29.3.

2014 Financial Report

The revenue and expenses, and the balance sheet for FY 2014 are summarized in the following tables, and are in agreement with the audited financial statements provided by the auditors Johnsen Archer LLC. For comparison, 2013 actuals are provided.

Revenue and Expenses FY 2014	2013 Actual	2014	
		Budget	Year End
Revenue (x \$1,000)			
Membership Dues	263.9	255	265.6
Publications	70.4	60	59.7
Conferences	27.2	20	46.0
Sponsorships	8.5	10	9.0
Miscellaneous	6.3	5	4.8
REVENUE	376.3	350	385.1
Expenses (x \$1,000)			
Intl. Membership	30.9	35	33.7
Conference	8.4	6	2.3
Publication Costs	136.2	115	124.4
Staff	146.8	142	148.8
Society Operations	37.9	50	44.7
Miscellaneous	4.5	22	1.9
EXPENSES	364.7	370	355.8

REV OVER EXP	11.6	-20.0	29.3
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Balance Sheet FY 2014		x \$1,000
Assets	Cash (Chequing/Savings)	483.9
	Restricted Funds	41.2
	Investments	113.7
	Accounts Receivable	38.6
	Loans Outstanding	245.0
TOTAL ASSETS		922.4
Liabilities	Accounts Payable	35.5
	GST/HST Payable	2.9
	2015 Prepaid Memb Fees	85.0
	Accrued Liabilities	9.0
TOTAL LIABILITIES		132.4
Equity	Retained Earnings to 2013	719.5
	Restricted Funds	41.2
	Rev Minus Exp 2014	29.3
TOTAL EQUITY		790.0
TOTAL LIABILITIES & EQUITY		922.4

As of December 31, 2014 CGS had revenues exceeding expenditures of \$29.3K compared to the budgeted loss of \$20K.

Revenue-related Observations/Comments for 2014:

The main sources of CGS revenue in 2014 were membership fees, publication income [mostly from the English *Canadian Foundation Engineering Manual* (CFEM) and the French *Manuel canadien d'ingénierie des fondations* (MCIF)] and conferences.

Membership: As of December 31, 2014, 1,490 members compared to 1,254 members on December 31, 2013. By member class: 1,056 Regular, 259 Student, 58 Retired, 80 International, 27 CSCE 2nd society, 8 IAH-CNC 2nd society and 2 NAGS 2nd society. The year-over-year increase of 236 members is partly due to the Board's decision to make all student conference delegates complimentary members for the following year (146), but the remainder (90) are new paid members.

History: 2013 – 1,254; 2012 – 1,214; 2011 - 1,168; 2010 - 1,203; 2009 - 1,208; 2008 -1,202.

Publications: 277 copies of the CFEM and 105 copies of the MCIF were sold leading to publication revenue of \$59.7K. This reduction from the 2014 sales figures was expected, and is in line with the budgeted target of \$60K.

Conferences:

GeoRegina 2014, 67th Canadian Geotechnical Conference: a net payment to CGS of \$30K was estimated for 2014. The actual net payment is now expected to be \$35.1K; therefore, \$5.1K will be realized in the 2015 accounts.

GeoHazards 6 in Kingston, ON: GeoHazards 6 generated a net to CGS of \$12.4K.

GeoMontreal 2013: Some remaining funds of \$3.6K from GeoMontreal 2013 were received in 2014.

Note: net revenues over expenses from conferences are shared amongst the CGS National body, the host local section (or technical committee), and other supporting parties, as appropriate.

Sponsorships: \$9K was slightly below the target of \$10K.

Miscellaneous: Includes interest/investment revenues and the CSG share of income from the EIC Career Site.

Expenses-related Observations/Comments for 2014:

International Memberships: \$33.7K is in line with the budgeted of \$35K.

Conference Expenses: \$2.3K was much lower than the budgeted \$6K due to lower costs for the Legget Dinner and lower than anticipated sponsored student participation.

Publication costs: Include member subscriptions to *Geotechnical News*, sales costs of the *CFEM* and *MCIF*, and online and printed subscriptions to the *Canadian Geotechnical Journal*. \$124.4K is higher than the budgeted \$115K primarily due to the number of complimentary student members added in 2014 from GeoMontreal 2013, but is lower than the fiscal 2013 expenditure of \$136.2K.

Staff Fees/Expenses: \$148.8K, higher than the budgeted \$142K.

Society Operations: \$44.7K, less than the budgeted \$50K.

Miscellaneous: This includes a one-time cost of \$1.9K for member service pins that were distributed at GeoRegina 2014 (and were mailed in 2015 to members who were not at the conference). This budget item was significantly under-utilized.

2015 Financial Update to June 31, 2015

Revenue and expense data to June 30, 2015 are summarized below, along with projections to December 31, 2015. For comparison, 2014 actuals and the 2015 budgeted amounts are provided.

Revenue-related Observations/Comments for 2015:

The main sources of CGS revenue in 2015 are expected to be from membership fees, publication income (mostly from the CFEM and MCIF), and from the annual conference.

	2014 Actual	2015		
		Budget	Actual to June 30	Projected to Dec 31
	Revenue (x \$1000)			
Membership Dues	265.6	260.0	247.7	260.0
Publications	59.7	55.0	29.3	55.0
Conferences	46.0	22.0	0	22.0
Sponsorships	9.0	9.0	10.5	10.5
Miscellaneous	4.8	5.0	2.1	5.0
REVENUE	385.1	351.0	289.6	352.5
	Expenses (x \$\$1000)			
Intl. Memberships	33.7	35.0	9.5	35.0
Conference Expenses	2.3	8.0	0	8.0
Publication Costs	124.4	110.0	77.0	115.0
Staff Fees/Expenses	148.8	150.0	61.0	150.0
Society Operations	44.7	50.0	20.4	50.0
Miscellaneous	1.9	20.0	4.9	12.0
EXPENSES	355.8	373.0	172.8	370.0
REV OVER EXP	29.3	-22.0	116.8	-17.5

Membership Dues: Tracking well to meet or exceed 2015 budget. Revenues from 2nd society memberships (CSCE, NAGS, IAH-CNC) are collected in Q3.

Membership as of August 15, 2015 is 1,374 members compared to 1,436 members as of August 1 last year. By member class: 1,035 Regular, 167 Student, 61 Retired, 85 International, 19 CSCE 2nd society, 4 IAH-CNC 2nd society and 3 NAGS 2nd society.

Publications: Higher than budgeted with over 50% of anticipated total received in the first six months.

Conferences: \$5.1K from GeoRegina 2014 will be booked in fiscal 2015. Conference income for GeoQuebec 2015 will not be realized until the end of the year.

Sponsorships: \$10.5K, which is \$1.5K over budget.

Miscellaneous: \$2.1K in interest.

Expenses-related Observations/Comments for 2015:

International Memberships: At the end of Q2, \$9.5K was sent to international societies for memberships included, or purchased, with Division selection. Remainder will be sent in Q3.

Conferences: Will be incurred in Q3-Q4.

Publications: Includes payments for subscriptions to the *Canadian Geotechnical Journal* and *Geotechnical News*.

Staff Fees/Expenses: At the end of Q2, expenses are just above 40% of budget; however there were unpaid invoices to the Executive Director and the outgoing Secretary General. It is expected that Staff Fees will be on budget.

Society Operations: Higher credit card transaction fees, translation and website costs are anticipated in 2015 compared to 2014, but the budgeted \$50K is considered still valid.

Miscellaneous: At the end of Q2, this includes net CCLT costs, the majority of which will be reimbursed by the Canadian Foundation for Géotechnique in Q4. Forecast expenditures include mailing member service pins and the purchase of promotional CGS coasters. With new initiatives in the planning stages; \$12K is predicted for this

category, lower than the \$20K budgeted.

The projection to Dec 31, 2015 continues to suggest expenses exceeding revenues by \$17.5K, less than the budgeted loss of \$22K. The adoption of a net budget loss was considered acceptable due to the overall healthy financial position of the CGS (refer to following balance sheet as of June 30, 2015).

Summary Balance Sheet as of June 30, 2015

		x \$1,000
Assets	Cash (Chequing/Savings)	468.9
	Restricted Funds	41.2
	Investments	108.0
	Accounts Receivable	40.3
	Loans Outstanding	265.0
TOTAL ASSETS		923.4
Liabilities	Accounts Payable	7.0
	GST/HST Payable	0.5
	Accrued Liabilities	9.0
TOTAL LIABILITIES		16.5
Equity	Retained Earnings, 2014	748.8
	Restricted Funds	41.2
	Rev - Exp, June 30 2015	116.9
TOTAL EQUITY		906.9
TOTAL LIABILITIES & EQUITY		923.4

Balance Sheet-related Observations/Comments

Assets

Cash (Chequing and Savings): TD Canada Trust (chequing -\$34.4K); Tangerine (savings \$389K); RBC (Investment Savings \$113.7, Cash \$0.6)

Restricted Funds: Cold Regions Division (\$13.8); Engineering Geology Division (\$8.8); Education Committee (\$18.6K)

Investments: Tangerine GIC May 2013 (\$53.8K) at 1.65%, maturity date May 2016; Tangerine GIC May 2014 (\$54.2K) at 1.45%, maturity date May 2016

Accounts Receivable: GGMI remittance for GeoRegina 2014 proceeds and net HST/GST, IAH-CNC 2014 member fees, BiTech May/June publications income

Loans Outstanding: Canadian Foundation for Géotechnique (\$225K) at 0%; GeoVancouver 2016 (\$20K) at 0%; GeoQuebec 2015 (\$20K)

Liabilities

Accounts Payable: GGMI and Sandra Pronovost (CGS Translator) June invoices

Accrued Liabilities: Annual Audit Charges

Equities

Restricted Funds: Cold Regions Division (\$13.8); Engineering Geology Division (\$8.8); Education Committee (\$18.6K)

Rapport d'activités du vice-président aux finances – Dharma Wijewickreme Automne 2015

Généralités

Ce rapport financier résume les revenus et les dépenses de la Société pour l'exercice 2014 (du 1er janvier 2014 au 31 décembre 2014), ainsi que les revenus et les dépenses de l'exercice 2015, du 1er janvier 2015 au 30 juin 2015. Le bilan au 30 juin 2015 est également joint. En général, la Société demeure en excellente situation financière. Les données relatives aux revenus et aux dépenses ressemblent beaucoup à celles de 2013. Un déficit budgétisé d'environ 20 000 \$ a été proposé pour 2014, mais la situation de la Société relativement aux revenus et aux dépenses a fait en sorte que l'exercice a pris fin avec un surplus de 29 300 \$.

Rapport financier 2014

Les revenus et les dépenses, ainsi que le bilan pour l'exercice 2014 sont résumés dans les tableaux suivants, qui sont basés sur les états financiers vérifiés fournis par le cabinet de vérificateurs Johnsen Archer LLP. Les données réelles de l'exercice 2013 sont fournies à titre de comparatif.

Revenus et dépenses de l'exercice 2014

	Données réelles de 2013	2014	
		Budget	Totaux – Fin de l'exercice
	Revenus (en milliers de \$)		
Cotisations des membres	263,9	255	265,6
Publications	70,4	60	59,7
Conférences	27,2	20	46,0
Commandites	8,5	10	9,0
Divers	6,3	5	4,8
REVENUS	376,3	350	385,1
Dépenses (en milliers de \$)			
Adhésions internationales	30,9	35	33,7
Dépenses associées aux conférences	8,4	6	2,3
Coûts des publications	136,2	115	124,4
Honoraires/Dépenses associés au personnel	146,8	142	148,8
Activités d'exploitation de la Société	37,9	50	44,7
Divers	4,5	22	1,9
DÉPENSES	364,7	370	355,8

REVENUS MOINS DÉPENSES	11,6	-20,0	29,3
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Bilan de l'exercice 2014

		x 1 000 \$
Actifs	Trésorerie (compte chèque/épargne)	483,9
	Fonds affectés	41,2
	Placements	113,7
	Créances d'exploitation	38,6
	Prêts en cours	245,0
ACTIFS TOTAUX		922,4
Passif	Dettes d'exploitation	35,5
	TPS/TVH payable	2,9
	Cotisations prépayées pour 2015	85,0
	Charges à payer	9,0
PASSIF TOTAL		132,4
Capitaux propres	Bénéfices non répartis de 2013	719,5
	Fonds affectés	41,2
	Revenus moins dépenses, 2014	29,3
CAPITAUX PROPRES TOTAUX		790,0
CAPITAUX PROPRES TOTAUX ET PASSIF		922,4

Au 31 décembre 2014, la SCG avait des revenus annuels dépassant ses dépenses de 29 300 \$, comparativement à une perte budgétisée de 20 000 \$.

Remarques sur les revenus pour l'exercice 2014 :

Les principales sources de revenus de la SCG en 2014 ont été les cotisations des membres, les publications (principalement du Manuel canadien d'ingénierie des fondations [MCIF] et du Canadian Foundation Engineering Manual [CFEM]), et les conférences.

Nombre de membres : Au 31 décembre 2014, la SCG comptait 1 490 membres, comparativement à 1 254 membres le 31 décembre 2013. Voici leur nombre selon la catégorie de membres : ordinaires – 1 056; étudiants – 259; retraités – 58; internationaux – 80; SCGC (deuxième société) – 27; AIH-SNC (deuxième société) – 8; et NAGS (deuxième société) – 2. L'augmentation de 236 membres depuis l'exercice précédent est en partie due à la décision du Conseil d'accorder gracieusement le statut de membre à tous les délégués étudiants à la conférence annuelle de la Société pour l'année suivante (146); les autres nouveaux membres (90) ont payé leur cotisation. Historique des adhésions : 2013 – 1 254; 2012 – 1 214; 2011 – 1 168; 2010 – 1 203; 2009 – 1 208; 2008 – 1 202.

Publications : 277 exemplaires du CFEM et 105 exemplaires du MCIF ont été vendus, menant à des revenus de publication de 59 700 \$. Cette réduction des ventes en 2014 était attendue et correspond à l'objectif de 60 000 \$ inscrit au budget.

Conférences :

GeoRegina 2014, la 67^e conférence canadienne de géotechnique : un paiement net à la SCG de 30 000 \$ a été estimé pour 2014. On s'attend maintenant à ce que le paiement net réel soit de 35 100 \$. Les 5 100 \$ supplémentaires seront donc comptabilisés dans les comptes de 2015.

Géorisques 6 à Kingston, en Ontario : La conférence Géorisques 6 a produit un paiement net de 12 400 \$ à la SCG.

GéoMontréal 2013 : Des fonds restants de 3 600 \$ de GéoMontréal 2013 ont été reçus en 2014.

Remarque : Les revenus nets moins les dépenses des conférences sont partagés entre la SCG (la Société nationale), la section locale (ou le comité technique) qui accueille une conférence et les autres organismes participants, le cas échéant.

Commandites : Les revenus de commandites ont été de 9 000 \$, soit légèrement inférieurs à l'objectif de 10 000 \$.

Divers : Cela comprend les revenus d'intérêt/de placement et la part des recettes du site sur les carrières de l'ICI revenant à la SCG.

Remarques sur les dépenses pour l'exercice 2014 :

Adhésions internationales : Elles se sont chiffrées à 33 700 \$, ce qui correspond aux 35 000 \$ budgétisés.

Dépenses associées aux conférences : Elles ont été beaucoup moins élevées, à 2 300 \$, que les 6 000 \$ budgétisés en raison des coûts plus faibles pour le Souper Legget et de la participation d'étudiants parrainés moins importante que prévu.

Coûts des publications : Ils comprennent les abonnements de membre à Geotechnical News, les coûts de la vente du CFEM et du MCIF, ainsi que les abonnements aux versions électronique et imprimée de la Revue canadienne de géotechnique. Se chiffrant à 124 400 \$, ils sont supérieurs aux 115 000 \$ budgétisés, principalement en raison du nombre de membres étudiants ajoutés gratuitement en 2014 à la suite de GéoMontréal 2013, mais sont inférieurs aux dépenses de 136 200 \$ de l'exercice 2013.

Honoraires/Dépenses associés au personnel : Ils ont été de 148 800 \$, soit supérieurs aux 142 000 \$ budgétisés.

Activités d'exploitation de la Société : Elles ont coûté 44 700 \$, moins que les 50 000 \$ budgétisés.

Divers : Cela comprend des frais ponctuels de 1 900 \$ pour les épinglettes de service des membres qui ont été distribuées à GeoRegina 2014 (et qui ont été postées aux membres qui n'étaient pas à la conférence). Ce poste du budget a été considérablement sous-utilisé.

Mise à jour financière pour 2015 au 30 juin 2015

Les revenus et les dépenses au 30 juin 2015 sont résumés ci-dessous, ainsi que les prévisions pour le 31 décembre 2015. Les données réelles de 2014 et celles budgétisées pour 2015 sont fournies à titre de comparatif.

	Données réelles de 2014	2015		
		Budget	Données réelles au 30 juin	Projetées au 31 décembre
		Revenus (en milliers de \$)		
Cotisations des membres	265,6	260,0	247,7	260,0
Publications	59,7	55,0	29,3	55,0
Conférences	46,0	22,0	0	22,0
Commandites	9,0	9,0	10,5	10,5
Divers	4,8	5,0	2,1	5,0
REVENUS	385,1	351,0	289,6	352,5
	Dépenses (en milliers de \$)			
Adhésions internationales	33,7	35,0	9,5	35,0
Dépenses associées aux conférences	2,3	8,0	0	8,0
Coûts des publications	124,4	110,0	77,0	115,0
Honoraires/Dépenses associés au personnel	148,8	150,0	61,0	150,0
Activités d'exploitation de la Société	44,7	50,0	20,4	50,0
Divers	1,9	20,0	4,9	12,0
DÉPENSES	355,8	373,0	172,8	370,0
REVENUS MOINS DÉPENSES	29,3	-22,0	116,8	-17,5

Remarques sur les revenus pour l'exercice 2015 :

Les principales sources de revenus de la SCG en 2015 devraient être les cotisations des membres, les publications (principalement du CFEM et du MCIF) et la conférence annuelle.

Cotisations des membres : En bonne voie d'atteindre ou de dépasser le budget 2015. Les revenus des adhésions à une deuxième société (SCGC, NAGS et AIH-SNC) sont recueillis au T3.

Au 15 août 2015, nous comptons 1 374 membres, comparativement à 1 436 membres au 1er août de l'année 2014. Voici leur nombre selon la catégorie de membres : ordinaires – 1 035; étudiants – 167; retraités – 61; internationaux – 85; SCGC (deuxième société) – 19; AIH-SNC (deuxième société) – 4; et NAGS (deuxième société) – 3.

Publications : Revenus supérieurs à ceux budgétisés, avec plus de 50 % du total prévu reçu dans les six premiers mois.

Conférences : 5 100 \$ de GeoRegina 2014 seront comptabilisés dans l'exercice 2015. Les revenus de conférence pour GéoQuébec 2015 ne seront pas comptabilisés avant la fin de l'exercice.

Commandites : Elles se sont chiffrées à 10 500 \$, ce qui est 1 500 \$ de plus que le montant budgétisé.

Divers : 2 100 \$ en intérêt.

Remarques sur les dépenses pour l'exercice 2015 :

Adhésions internationales : À la fin du T2, 9 500 \$ ont été envoyés à des sociétés internationales pour des adhésions incluses ou achetées en choisissant la division. Le montant restant sera envoyé au T3.

Conférences : Les dépenses associées aux conférences seront engagées aux T3-T4.

Publications : Ces dépenses comprennent les paiements pour les abonnements à la Revue canadienne de géotechnique et à Geotechnical News.

Honoraires/Dépenses associés au personnel : À la fin du T2, les dépenses se chiffrent tout juste au-dessus de 40 % du budget; cependant, il y avait les factures impayées du directeur général et du secrétaire général sortant. On s'attend à ce que les honoraires associés au personnel correspondent au budget.

Activités d'exploitation de la Société : Les frais de transaction par carte de crédit, ainsi que les coûts relatifs à la traduction et au site Web devraient être plus élevés en 2015 qu'en 2014, mais les 50 000 \$ budgétisés sont considérés comme étant toujours valides.

Divers : À la fin du T2, cela comprend les coûts nets de la TCT, qui seront en majorité remboursés par la Fondation canadienne de géotechnique au T4. Les dépenses prévues comprennent l'envoi postal des épinglettes de service pour les membres et l'achat de sous-verres promotionnels de la SCG. Comme de nouvelles initiatives sont à différents stades de planification, 12 000 \$ sont prévus pour cette catégorie, ce qui est moins que les 20 000 \$ budgétisés.

La prévision pour le 31 décembre 2015 continue à suggérer des dépenses dépassant les revenus de 17 500 \$, un montant inférieur à la perte budgétaire anticipée de 22 000 \$. L'adoption d'une perte budgétaire nette a été considérée comme acceptable en raison de la bonne situation financière générale de la SCG (consultez le bilan suivant au 30 juin 2015).

Bilan sommaire au 30 juin 2015

		x 1 000 \$
Actifs	Trésorerie (compte chèque/épargne)	468,9
	Fonds affectés	41,2
	Investissements	108,0
	Créances d'exploitation	40,3
	Prêts en cours	265,0
ACTIFS TOTAUX		923,4
Passif	Dettes d'exploitation	7,0
	TPS/TVH payable	0,5
	Charges à payer	9,0
PASSIF TOTAL		16,5
Capitaux propres	Bénéfices non répartis, 2014	748,8
	Fonds affectés	41,2
	Revenus moins dépenses, 30 juin 2015	116,9
CAPITAUX PROPRES TOTAUX		906,9
CAPITAUX PROPRES TOTAUX ET PASSIF		923,4

Remarques sur le bilan

Actifs

Trésorerie (compte chèque/épargne) : TD Canada Trust (compte chèque -34 400 \$); Tangerine (compte épargne 389 000 \$); RBC (compte épargne-placement 113 700 \$ et compte au comptant 600 \$)

Fonds affectés : Division de la géotechnique des régions froides (13 800 \$); Division de la géologie de l'ingénieur (8 800 \$); Comité sur l'éducation (18 600 \$)

Placements : CPG de Tangerine mai 2013 (53 800 \$) à 1,65 %, date d'échéance mai 2016; CPG de Tangerine mai 2014 (54 200 \$) à 1,45 %, date d'échéance mai 2016

Créances d'exploitation : Versement de GGMI pour les produits de GeoRegina 2014 et les cotisations 2014 des membres de l'AIH-SNC nettes de TPS/TVH, revenu des publications de mai/juin de BiTech

Prêts en cours : Fondation canadienne de géotechnique (225 000 \$) à 0 %; GéoVancouver 2016 (20 000 \$) à 0 %; GéoQuébec 2015 (20 000 \$)

Passif

Dettes d'exploitation : Factures de juin de GGMI et de Sandra Pronovost (traductrice de la SCG)

Charges à payer : Honoraires annuels des vérificateurs

Capitaux propres

Fonds affectés : Division de la géotechnique des régions froides (13 800 \$); Division de la géologie de l'ingénieur (8 800 \$); Comité sur l'éducation (18 600 \$)

Vice President Communications – Catherine Mulligan Report of Activities - July 1, 2014 to June 30, 2015

CGS E-News

Eight issues were distributed; six monthly issues from January to June, 2015

The more regular CGS Geotechnical Info Net (E-News), starting in January 2015, has been a good and consistent means of communicating with the CGS membership. We will check with delegates at GéoQuébec 2015 as to whether they feel more connected to the CGS as a result of this initiative. It is hoped that in the future more members will contribute more items for publication.

CGS Website (cgs.cgs.ca)

The 'Calendar of Events' on the website continues to regularly updated.

A task force has been established and is in the process of reviewing the current CGS website. Part of this initiative involves collecting feedback from direct users. We started with a survey of all members of the CGS Board of Directors in both French and English. A summary report of that survey was presented at the AGM in Quebec City. A survey will then be sent to the general membership for a more in depth review.

It is expected that the revitalization process will be ongoing over this next calendar year with the main objectives:

- adding current and relevant geotechnical related information
- making use of material already available in other formats (such as manuals; CFEM errata; conference photos corporate sponsor profiles and project information)
- current events in the news related to our profession and
- news highlighting honours and awards within, as well as outside of, the society

The aim is to attract new members to further investigate what the CGS is about, as well as communicate with current members what is going on "behind the scenes". The plan is to make the website easier to update with a few "webmasters" in charge.

All Section, Division, and Committee pages will also be updated which will require the input from their current executives.

CGS LinkedIn / Facebook

The CGS LinkedIn page was launched this year. It is now important that we take the next steps in making this another communication tool. Other information such as the latest e-news and calendar of events is to be added.

Facebook – there is a draft page in existence but requires more input to integrate into the overall communication and social media plan. Other means of communication are also being evaluated.

Member Registration/Renewal

As of early September 2015, 1,378 members had renewed or registered with CGS. This is an increase of 44 over this period last year. All students attending the annual conference last year (Georegina 2014) were given complimentary registrations for the 2015 membership year and a motion was made during the Board of Directors meeting in Regina to do the same at GéoQuébec 2015. This is another reason why we need to increase our means of communicating with the younger generation.

CGS Membership History

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	to date 2015
Total Members	891	1038	1202	1208	1203	1168	1214	1254	1490	1378
Student Members	6	42	45	43	54	46	62	94	258	195

Vice-présidente aux communications – Catherine Mulligan

Activités du 1^{er} juillet 2014 au 30 juin 2015

CGS E-News

Huit numéros ont été distribués; six numéros de janvier à juin 2015.

Le *Réseau d'information géotechnique de la SCG* (bulletin d'information électronique) plus régulier, qui a vu le jour en janvier 2015, est un excellent mode de communication uniforme avec les membres de la SCG. Nous demanderons aux délégués à la conférence GéoQuébec 2015 s'ils ressentent un plus grand sentiment d'appartenance à la SCG à la suite de cette initiative. Nous espérons qu'à l'avenir un plus grand nombre de membres y contribueront en offrant d'autres articles à publier.

Site Web de la SCG (cgs.cgs.ca)

Le « Calendrier des événements » continue à être actualisé régulièrement.

Un groupe de travail a été mis sur pied et est en train d'examiner le site Web actuel de la SCG. Une partie de cette initiative consiste à recueillir des commentaires d'utilisateurs directs. Nous avons commencé par mener un sondage en français et en anglais auprès de tous les membres du Conseil d'administration de la SCG. Un rapport sommaire sur ce sondage a été présenté à l'AGA, dans la ville de Québec. Un sondage sera ensuite envoyé aux membres pour une analyse plus approfondie.

Il est attendu que le processus de revitalisation se poursuivra au cours de la prochaine année civile et aura pour principaux objectifs:

- l'ajout de renseignements actuels et pertinents liés à la géotechnique;
- l'utilisation du matériel existant dans d'autres formats (comme les manuels, l'erratum pour le *MCIF*, des photos de conférence, les profils des commanditaires et l'information sur les projets);
- l'affichage d'actualités liées à notre profession;
- la publication de nouvelles soulignant les distinctions et les prix octroyés tant au sein de la Société qu'à l'extérieur de celle-ci.

Nous visons ainsi à inciter les nouveaux membres à examiner de manière approfondie ce en quoi consiste la SCG, de même qu'à communiquer aux membres actuels ce qui se passe « en coulisse ». Le plan consiste à rendre le site Web plus facile à actualiser, avec quelques « webmestres » responsables.

Toutes les pages des sections, des divisions et des comités seront également mises à jour, ce qui nécessitera la rétroaction de leur comité exécutif actuel.

Page LinkedIn/Facebook de la SCG

La page LinkedIn de la SCG a été lancée cette année. Il est maintenant important que nous passions aux étapes suivantes pour en faire un autre outil de communication. De l'information supplémentaire, comme le dernier bulletin d'information électronique et le calendrier des événements, doit y être ajoutée.

Facebook: il existe une page provisoire, mais elle nécessite plus d'information pour être intégrée au plan global relatif aux communications et aux médias sociaux. D'autres modes de communication sont également évalués.

Inscription de membre/Renouvellement de l'adhésion

Au début de septembre 2015, 1 378 membres avaient renouvelé leur adhésion ou s'étaient inscrits à la SCG, soit 44 de plus que l'année dernière, à la même période. Tous les étudiants qui ont participé à la conférence annuelle de l'année passée (GeoRegina 2014) ont reçu des inscriptions gratuites pour l'année de cotisation 2015, et une motion a été adoptée durant la réunion du Conseil d'administration à Regina pour faire la même chose à GéoQuébec 2015. C'est une autre raison pour laquelle nous devons augmenter nos modes de communication avec la plus jeune génération.

Historique de l'effectif de la SCG

Année	2006	2007	2008	2009	2010	2011	2012	2013	2014	À ce jour en 2015
Total des membres	891	1 038	1 202	1 208	1 203	1 168	1 214	1 254	1 490	1 378
Membres étudiants	6	42	45	43	54	46	62	94	258	195

Section Summary Report – Seán Mac Eoin, Sections Representative Report of Activities - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: August 9, 2015

Prepared by: Seán Mac Eoin, CGS Section Representative on Executive Committee

End of Term: 31 December 2016

Section 2: Reports

Number of sections that used new report format: 20

Number of sections that used old report format: 0

Number of non-reporting sections: 0

Section 3: Websites

How many section web pages on CGS website require updates? 15

How many sections have their own websites separate from CGS website? 7

General comments regarding the CGS website and/or individual section web pages:

Kingston is on FaceBook with no link from CGS website.

Calgary website shows an outdated Executive list, however events are up-to-date.

Saskatoon and Regina CGS web pages list "Saskatchewan" events, causing confusion between Regina and Saskatoon.

Saskatoon has a LinkedIn entry.

Section 4: Finances

How many sections reported their finances? 18

How many sections charge members an annual fee? 6

If so, how much (range)? Low \$5-\$25; high \$15-\$40

How many sections are aware that CGS financial assistance is available? (Admin Manual App 4)? 16

How many sections are aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? 16

How many sections sponsored a Student/MIT to attend the last GeoRegina 2014 (Admin Manual App 12)? 11

How many sections are planning to sponsor a Student/MIT to attend GeoQuébec 2015? 10

General comments about finances:

St. John's: has \$250.

Eastern Québec: funding is primarily from CGS conferences and courses; its new (2013) corporate sponsorship program is operating well.

Western Québec: benefits from Hydro-Quebec providing a conference room for most activities.

Kingston: funding is based on profits from past conferences (e.g. GeoHazards 6) and soliciting \$200 per year from corporate sponsors (20 in 2014-2015).

London: Financially self-sustaining through dinner meeting income; sponsorship money is generated from corporate sponsors; planning is under way for 2016 CSCE National Conference.

Saskatoon: was not aware of Admin Manual or Awards Manual until receipt of the request for the Section Report; sponsored two students to attend GeoRegina (about \$1,000); awards an annual scholarship of \$500

Regina: Has not yet received share of GeoRegina monies. May have \$30,000 more available for local activities.

Calgary: has solicited corporate donations in the past, but there was no need in 2014-2015; it does not require formal membership.

Prince George: is considering reinstating a membership fee of \$20 and \$10 for CGS members.

Section 5: Membership and Activities

Section	Members			Number of Events					Total Events	Total Attendance	Sponsor Student 2015
	Executive/Students	Members/Students	CGS Members / Students	CCLT	Technical Lectures	Workshop & Short Courses	Student Events	Social Events			
St. John's	2	70	NK	1	3	0	0	0	4	84	Yes
Nova Scotia	5	45	30	2	1	0	0	0	3	150	Yes
New Brunswick	1	9	9	1	0	0	0	0	1	30	No
East Quebec	14	150	50/10	2	5	0	1	0	8	312	Yes
West Quebec	8	121/4	Several	2	4	1	1	0	8	435	Yes
Kingston	9/3	10	120 ??	2	5	0	2	0	9	348	Yes
Ottawa	11	235	NK	2	6	0	0	0	8	293	Yes
London	13	300	41	0	6	0	0	1	7	110 +	No
Toronto	12	302	302	2	7	0	1	1	11	1,107	No
Sudbury	2	NK	NK	0	0	0	0	0	0	0	No
Thunder Bay	3	3	9	0	0	0	0	0	0	0	No
Winnipeg	7	0	59/1	2	5	1	0	1	9	373	Yes
Regina	6	25+	15+	0	4	2*	0	0	6	524 +	No
Saskatoon	12	50/20	NK	0	4	2	0	1	7	141	Yes
Calgary	10	180	50	2	6	1	0	0	9	389	No
Edmonton	15	247/15	76	2	5**	0	2**	0**	9	463 +	Yes
BC Interior	NA	15+	NA	0	1	0	1	0	2	32	No
Prince George	3	26/1	NK	2	0	0	0	0	2	43	No
Vancouver	10	251/9	NK	1^	8	2	0	0	11	765	Yes
Vancouver Isl	4	13/0	7	2	4	0	0	0	6	141 +	No
Totals	147/3	2,052/49	768	25	74	9	8	4	120	5,740	10

NK = Not Known

General comments about membership and activities:

Nova Scotia: a fourth event scheduled for January 2015 had to be cancelled because speaker's flight was cancelled due to weather conditions.

New Brunswick: has contacted inactive members to renew membership.

Eastern Québec: broadcasts its events via web to 2 other cities; two companies provide the remote facilities for groups; will be hosting GeoQuebec 2015; had to cancel one event when the speaker was called to a rail emergency; has established the Pierre Larochelle award in recognition of his contribution to géotechnique regionally, nationally, and internationally (First recipient is Vincent Castonguay of the University of Laval); has instituted an award to recognise the contribution of a senior member (First awardee is Professor Pierre Larochelle)

Western Québec: conference room is provided by Hydro Quebec. Western Québec requests "a small financial contribution" from members to cover costs of guest speakers and related expenses. Western Québec had to cancel one presentation when speaker became unavailable.

Kingston: supports and advertises events which are part of Queen's-RMC Geo-Engineering Centre's graduate studies program; maintains an active distribution list of members.

Ottawa: held 12 Executive Committee meetings during the period; sponsored prizes for presentations at 2014 Graduate Student Conference on Geotechnical Hazards in December 2014.

London: dinner talk attendance 15-25, but more for MTO or UWO presentations; 2016 CSCE National Conference will be held in London; section is a joint CSCE-CGS Chapter.

Toronto: membership: Students +42, Regular +47, but 66 did not renew so net gain of 23 (8.2%).

Manitoba: is considering funding a research project at University of Manitoba.

*Regina: hosted GeoRegina 2014 and GeoStudio Geotechnical Modelling Workshop.

**Edmonton: Wine & Cheese Event is designed to draw students, with student presentations, and has a social element also; student participation may have been helped by its use of a UofA venue.

***BC Interior: number is from their mailing list.

^Vancouver: had arranged the fall 2014 CCLT, but it was cancelled due to flight delays; will be hosting GeoVancouver 2016.

Section 6: Additional information or comments

St. Johns: Local consultants were contacted for financial sponsorship; one response received for \$200. Local interest in CCLT is apparent and this will be leveraged to seek further sponsorship. Reduced participation thought to be because of lack of relevance to the potential audience. Limited funding brings challenges in attracting higher profile speakers. Some ideas have been developed for increasing revenue and local participation, and these will be revisited to evaluate progress.

Nova Scotia: Executive Committee meetings bi-monthly; two possible new committee members identified, one further yet to be identified.

Sudbury: Ideas have been generated locally for re-activating the Sudbury Section.

Regina: Suggestion that future conference proceedings be made available to delegates through online access only, similar to TRB; lessons learned with event hosting tool (Eventbrite).

Saskatoon: Section Director is also Section President; awards \$500 annual scholarship.

Northern Alberta: The GSE will apply to host the 2018 Annual Conference.

BC Interior: Section Director is also Section Chairman.

Vancouver Island Geotechnical Group
Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 1, 2015

Prepared by: J. Suzanne Powell, Ph.D., P.Eng.

Section Director: J. Suzanne Powell, Ph.D., P.Eng.

End of Term: December 31, 2015

CGS web page address: http://cgs.ca/section_vancouver_island.php

Last time your Section's CGS web page was updated: approximately July 2014

If the Section has a separate website please provide address: none

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

Chair: J. Suzanne Powell, Thurber Engineering Ltd

Past Chair: Deyab Gamal El-Dean (moved to Vancouver in 2012)

Vice Chair/Technical Director: Jay McIntyre, Thurber Engineering Ltd.

Secretary/Treasurer: Sarah Morse, Golder Associates Inc.

Registrar: Andrew Jackson, Ryzuk Geotechnical

Section 3: Number of Section Members

Executive members: 4

Total members (if possible, student and non-student members): This year we had 13 people pay their VIGG membership dues. This number is lower than usual and is attributed to the fewer number of events we had in the 2014-2015 session. Typically we average about 20 people per luncheon. We currently have no student members.

Total CGS members (if possible student and non-student members): Of the 13 paid members, 7 are CGS members. An additional 4-5 CGS members are regular attendees at the talks but are not VIGG members.

Section 4: Finances

Balance (as of June 30, 2015): \$ 5,855.36

Does your Section charge its members an annual fee? Yes

If so, how much? We have a voluntary membership fee of \$25. Those who have paid this fee get a \$5 discount on the monthly luncheon price.

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 (Awards Manual Section C-4)? Yes

Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? No

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

Section 6: Activities

Date	Speaker/Other	Topic/Subject	Attendance
September 23, 2014	Jeff Schaeffers and Scott McGregor – ConeTec Investigations Ltd.	Geophysical services currently offered by ConTec including a MASW (Multi-Channel Analysis of Service Way) demonstration.	18
October 14, 2014	Derek Morris, PhD, PEng/P.E.	Earth surface vibrations, dynamics and directional effects; this was the inaugural talk given by the University of Victoria's new Civil Engineering Department. In lieu of hosting our own luncheon, we encouraged our members to attend this talk to show our support for the new Civil Engineering program at UVic	Unknown
November 28, 2014	Dr. Ryan Phillips – C-CORE	CCLT – Offshore Foundation Systems	18
February 17, 2015	Trevor Allen - Pacific Geoscience Centre	Canada's 5th Generation seismic hazard model for the 2015 National Building Code of Canada	27

March 24, 2015	Todd Miziuk - Allterra Construction/Allterra Environmental	Mass Stabilization – Soil Bearing Improvements and On-Site Hazardous Waste (CSR) Containment	28
April 28, 2015	Dr. Stephen T. Johnston – Uvic	British Columbia: A Plate Tectonic Odyssey	31
May 13, 2015	Dr. Nick Sitar - University of California at Berkeley	CCLT - Influence of Fabric on Engineering Properties of Coarse Sediments	19

No activities were held in December 2014 or January 2015.

Vancouver Geotechnical Society Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 14, 2015

Prepared by: Jason Pellett

Section Director: Jason Pellett

End of Term: December 31, 2015

CGS web page address: http://www.cgs.ca/section_vancouver.php

Last time your Section's CGS web page was updated: March 2014

If the Section has a separate website please provide address: www.v-g-s.ca

Is there a link to the CGS website? Yes

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

Role	Name	Company
Chair	(Kumar) S. Sriskandakumar	BGC Engineering
Past-Chair	Ryan Mills	Tetra Tech EBA
Program Directors	Ali Amini Robyn Barnett	Naesgaard-Amini Geotechnical Tetra Tech EBA
Treasurer	Chris Longley	Stantec
Registrar	Robyn Barnett	Tetra Tech EBA
Secretary	Yoshi Tanaka	Levelton Consultants
Web Manager	Marc Bossé	Thurber Engineering
CGS Section Director	Jason Pellett	Tetra Tech EBA
Member-at-Large	Mike Hopson	Nilex
Member-at-Large	Andrea Loughheed	Thurber Engineering

Section 3: Number of Section Members

Executive members: 10 (see above)

Total members (if possible, student and non-student members): as of May 14 2015: 226 regular members + 16 life members + 9 student members; Total = 251

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

Section 4: Finances

Balance (as of June 30, 2015): \$40,667.08

Does your Section charge its members an annual fee? Yes

If so, how much? \$25 regular member; \$5 student member

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

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? No

Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? Yes

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

Section 6: Activities

Date	Speaker/Other	Topic/Subject	Attendance
09/18/2014	Tuna Onur, Ph.D.	Selection and Modification of Time-Histories for Southwestern B.C.	45
10/07/2014	Dr. P.K. Robertson	Evaluating soil liquefaction using the CPT – practical considerations	60
11/12/2014	Dr. Mason Ghafghazi, P.Eng.	Instrumented Becker Penetration Test for Liquefaction Assessment in Gravelly Soils	50
11/27/2014	Ryan Phillips, Ph.D., P.Eng., FEIC	Offshore Foundation Systems - Role of Geotechnical Centrifuge Modeling (Fall 2014 CCLT)	**Cancelled due to flight delays
01/16/2015 -01/17/2015	Mr. Mike Jefferies & Dr. Dawn Shuttle	Two-Day VGS Short Course – “Developing Confidence in Critical State Soil Mechanics”	30
02/03/2015	Several speakers	R.F. Legget Medal Dinner in Honour of Professor Emeritus Peter M. Byrne	75
02/19/2015	Dr. Joseph Wartman, P.E.	The 22 March 2014 Oso, Washington, USA, Landslide	70
03/11/2015	Prof. Jacques Locat	Failure and Post-Failure Analysis of Submarine Mass Movement – 2015 UBC Geological Engineering / VGS Distinguished Lecture	±100 (no records available)
03/25/2015	Tuna Onur, Ph.D.	Probabilistic Seismic Hazard Assessment (PSHA) - An Overview	50
04/15/2015	Tim Stark, Ph.D. & Oldrich Hungr, Ph.D.	2014 SR 530 Landslide (Oso, Washington, USA) - A Mechanistic Interpretation of Initiation and Movement	65
05/14/2015	Dr. Nicholas Sitar, Ph.D.	On the Importance of Kinematics in the Analysis of (Large) Landslides (Spring 2015 CCLT)	70
06/12/2015	Several speakers	23rd VGS Annual Symposium “Soil Structure Interaction”	150

Prince George Geotechnical Group
Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 27, 2015

Prepared by: Dave McDougall

Section Director: Dave McDougall

End of Term: 2016

CGS web page address: http://cgs.ca/section_prince_george.php

If the Section has a separate website please provide address: none

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

Chair: Dave McDougall, GeoNorth Engineering Ltd.

Past Chair: Eric Mohlmann, AMEC Foster Wheeler (Nanaimo)

Vice Chair: Doug Dewar, Spectra Energy Transmission

Secretary: vacant

Section 3: Number of Section Members

Executive members: 3

Total members (if possible, student and non-student members): 25 members, 1 student member

Total CGS members (if possible student and non-student members): not known

Section 4: Finances

Balance (as of June 30, 2015): \$ 996.10

Does your Section charge its members an annual fee? No

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

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? Yes
Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? No

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? No

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

Section 6: Activities

Date	Speaker/Other	Topic/Subject	Attendance
Nov 27/14	Dr. Ryan Phillips, CCLT speaker	Pipeline-Soil Interaction: Flowing Hot and Cold	22
May 14/15	Dr. Nicholas Sitar, CCLT speaker	Importance of Kinematics on the Analysis of Landslides	21

Interior BC (Kelowna) Local Section Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 15, 2015

Prepared by: Sumi Siddiqua, UBC- Okanagan

Section Director: Sumi Siddiqua, UBC- Okanagan

End of Term: 2015

CGS web page address: http://www.cgs.ca/section_bc_interior.php

Last time your Section's CGS web page was updated: unknown

If the Section has a separate website please provide address: none

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

Chair: Sumi Siddiqua, UBC- Okanagan

Past Chair: Dwayne Tannant, UBC- Okanagan

Vice Chair: Norm Williams (retired)

Secretary: Glen Rutherford, Golder Associates

Section 3: Number of Section Members

Executive members: 4

Total members (if possible, student and non-student members): 15+

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

Section 4: Finances

Balance (as of June 30, 2015): \$9,000 (as per the information provided by Glen Rutherford)

Does your Section charge its members an annual fee? No

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

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? Yes

Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? No

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

Section 6: Activities

Date	Speaker/Other	Topic/Subject	Attendance
Nov 19, 2014	Graduate students	Problematic soils	20
Feb 04, 2015	James Kay, P. Eng	Erosion and Sediment Control practices	12

Northern Alberta, Yukon and N.W. Territories (Geotechnical Society of Edmonton)
Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: 31 July 2015

Prepared by: Seán Mac Eoin

Section Director: Seán Mac Eoin

End of Term: 31 December 2016

CGS web page address: http://www.cgs.ca/section_northern_alberta.php

Last time your Section's CGS web page was updated: Executive: 2013, Events: 2015

If the Section has a separate website please provide address: www.geotechnical.ca

Is there a link to the CGS website? Yes

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

President: Ken Froese, Thurber Engineering
Past President: Allister MacIsaac, Opsens Solutions
Vice President: Renato Macciotta, University of Alberta
Secretary: Christina Tatarniuk, City of Edmonton
Program Chair: Patrick Mah, Worley Parsons
Treasurer: Kim Askew, BGC Engineering
Registrar: Don Lewycky, City Edmonton
Website: Ken Froese, Thurber Engineering (also President)
Executive Members: Lijun Deng, University of Alberta
Hilton Barnes, Northern Alberta Institute of Technology
Student Member: TBD
Members at Large: Murray Innes, Mobile Augers and Research Ltd.
Junwen Yang, AMEC
Alma Ornes, BGC Engineering
Ala Obeid, Tetrattech EBA
Armando Abello, Levelton Consultants
Adam Gmeinweser, Thurber Engineering

Section 3: Number of Section Members

Executive members: 15

Total members (if possible, student and non-student members): 15/247

Total CGS members (if possible student and non-student members): 76

Comments (point form)

- Only 5 retired or unemployed members

Section 4: Finances

Balance (as of June 30, 2015): \$ 44,180

Does your Section charge its members an annual fee? Yes

If so, how much? \$15

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 (Awards Manual Section C-4)? Yes

Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? Yes

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda?

- For those Sections that have their own website, should their information be duplicated on their CGS webpage, or should this page only contain a link to the Section's own website? If the CGS webpage is to contain full Section information, who will update this?

Section 6: Activities

Date	Speaker/Other	Topic/Subject	Attendance
16 September 2014	Annual Fall Wine & Cheese Event	<u>Alma Ornés</u> (recent M.Sc. Graduate) on "Effects of vugs on the strength and stiffness of carbonate samples under uniaxial compression" and	52

		Elena Zabolotnij (current M.Sc. student) on "Notes on Long Term Stability in Regina Clay Embankments"	
6 November 2014	Tim Keegan and Matthew Sturzenegger, Klohn Crippen Berger	Construction of a composite barrier wall/rock shed structure at mile 109.43 of CNR's Ashcroft Subdivision and LiDAR and discrete fracture network modeling for rockslide characterization and analysis	55
25 November 2014	GSE/CGS Cross Canada Lecture Tour: Dr. Ryan Phillips, C-Core	Pipeline-soil interaction: Flowing hot and cold	47
28 January 2015	Roger Skirrow, Alberta Transportation	Government of Alberta Response to 2013 Flooding	55
19 February 2015	GSE/CSCE Joint Presentation: Steven Chan, City of Edmonton	Climate Change Impacts on Edmonton's Drainage Infrastructure	N/R
25 March 2015	Dr. Ward Wilson, Oil Sands Tailings Research Facility	Innovations in Oil Sand Tailings Géotechnique	31
13 April 2015	N/A	13 th Annual Applied Geotechnical Engineering Design Contest: Reinforced Soil Wall	N/R
7 May 2015	GSE AGM: Dr. James Mitchell, Virginia Tech	Lessons from the Lives of Two Dams	90
12 May 2015	CGS Cross-Canada Lecture Tour Dr. Nicholas Sitar, University of California, Berkley	On the Importance of Kinematics in the Analysis of (Large) Landslides	75
22 May 2015	Dr. Bolton, Cambridge University Dr. Vardanega, University of Bristol	A Fresh Perspective on Soil Mechanics with Applications to Geotechnical Design	55
TOTAL RECORDED ATTENDANCES			463

N/R: Not recorded by the GSE.

Section 7: Additional general information or comments

The GSE will apply to host the 2018 Annual Conference.

Southern Alberta Section (Calgary Geotechnical Society -CyGS) Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 14, 2015

Prepared by: Scott McKean

Section Director: Scott McKean

End of Term: 2017

CGS web page address: http://www.cgs.ca/section_southern_alberta.php

Last time your Section's CGS web page was updated: January 2015

If the Section has a separate website please provide address: <http://www.cgygeosociety.org/>

Is there a link to the CGS website? Yes (<http://www.cgygeosociety.org/links.htm>)

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

Chair: Daniel G. Bertrand

Past Chair: Mauricio Pinheiro

Vice Chair: Samir Hebib

Secretary: Mohamd Sltan

Venue Coordinator: Ertan Ozmen

Treasurer: Robert Armstrong

Website: Dat Tran

Student Rep: William E. Smith

Members-at-Large: Hamid Karimpour, Frank Magdich

Section 3: Number of Section Members

Executive members: 10

Total members (if possible, student and non-student members): ~180 (based on e-mailing list)

Total CGS members (if possible student and non-student members): ~50 (estimated – not possible to confirm)
Comments (point form)

- membership estimated from the e-mailing list and attendance at 2014/2015 events

Section 4: Finances

Balance (as of June 30, 2015): \$14,573

Does your Section charge its members an annual fee? No

- has solicited donations from local corporate sponsors in the past but has not need to do so in 2014/2015

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 (Awards Manual Section C-4)? Yes

Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? No

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? Will Smith (student representative) will attend in lieu of Scott McKean

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

Section 6: Activities

Date	Speaker/Other	Topic/Subject	Attendance
21-May-2015	Malcolm Bolton, Ph.D., FREng / AGM	Performance-Based Design of Excavations in Clays	40
19-May-2015 to 20-May-2015	Malcolm Bolton, Ph.D., FREng Paul Vardanega, Ph.D.	A Fresh Perspective on Soil Mechanics with Application to Geotechnical Design (2-Day Workshop)	35
12-May-2015	Nicolas Sitar, Ph.D., P.Eng. / Spring CCLT	On the Importance of Kinematics in the Analysis of (Large) Landslides	40
17-Mar-2015	Mickey Davachi, Ph.D., P.Eng. / Regular Series Lecture	Design, Construction and Performance of Oldman River Dam	50
19-Feb-2015	Jeremy Boswell, M.Eng., P.Eng. / Regular Series Lecture	An International Perspective on Tailings Failures	40
29-Jan-2015	Jerry Osborn, Ph.D. / Regular Series Lecture	River Flooding in Calgary: History, Hydrology, and Politics	60
11-Dec-2014	Jim Henderson, Ph.D., P.Geoph. / Regular Series Lecture	Minimizing Risk Through Applied Geophysics	30
26-Nov-2014	Ryan Phillips, Ph.D., P.Eng. / Fall CCLT	Pipeline-Soil Interaction: Flowing Hot and Cold	64
02-Oct-2014	Peter Banzhaf, Dipl.-Ing. / Regular Series Lecture	Durable Cut-off Walls for Dams and Levees - Experience and Innovation for the Project Designed Solution	30
02-Oct-2014	Derek Uffen, Student/EIT Award Winner / Regular Series Lecture	Geotechnical Parameters of Crushed Limestone Backfill	Cancelled

Section 7: Additional general information or comments

Web page updates required – will be issued by end of July, 2015 to CGS headquarters, including events from 2013 through 2015 for archive purposes.

Saskatoon Geotechnical Group

Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: August 5, 2015

Prepared by: Erik Ketilson

Section Director: Erik Ketilson

End of Term of Director: 2017

CGS web page address: https://www.cgs.ca/section_saskatoon.php

Last time your Section's CGS web page was updated: April 2015, with workshops.

- webpage lists "Saskatchewan" Events, which causes some confusion between what's being offered in Regina and Saskatoon.

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

President Erik Ketilson, SRK Consulting (Canada) Ltd.
 Past President Tyrel Lloyd, Missinipi Water Solutions Inc.
 Vice President Chad Salewich, Cameco Corporation.
 Treasurer Adam Hammerlindl, University of Saskatchewan
 CGS Section Director Erik Ketilson, SRK Consulting (Canada) Ltd.
 U of S Liaison Grant Ferguson, University of Saskatchewan
 Workshop Coordinator Jon Osback, Clifton Associates Ltd.
 Social Coordinator Vanessa Pay, Golder Associates Ltd.
 Communications Kyle Cator, Golder Associates Ltd.
 Room Bookings David Wright & Rahul Mukherjee; SNC Lavalin
 U of S Student Liason Kyle Scale and Doyin Adesokan
 The SGG Executive met once during the activity period.

Section 3: Number of members

Executive members: 12

Total members (if possible, student and non-student members): ~ 50 paid members annually; ~ 20 student members

Total CGS members (if possible student and non-student members): section does not track CGS members.

Section 4: Finances

Balance (as of June 30, 2015): ~ \$19,458.27

Does your Section charge its members an annual fee? Yes

If so, how much? \$30

Is your Section aware that CGS financial assistance is available to Sections (Admin Manual App 4)? Yes (after answering this question for the semi-annual report, but we have not explored this option).

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? Yes (after answering this question for the semi-annual report, but we have not explored this option).

Is your Section planning to sponsor a Student/MIT to attend GeoQuebec 2015 (Admin Manual Appendix 12)?

Likely – but the student has not yet been identified

Awards, Donations and Events

- SGG Annual Scholarship – University of Saskatchewan: \$500.00
- Sponsorship of two students to Geo Regina: ~\$1000.00

Section 5: Activities

Date	Speaker/Other	Topic/Subject	Attendance
September 18, 2014	Start of Season Social	Evening Social	~15
October 23, 2014	Jody Scammell, Water Security Agency	The Evaluation of Gardiner Dam's Ongoing Movement	~30
November 26, 2014	Alvin Tong, SRK Consulting	Capillary Break Cover Design at Lorado Mill Tailings Site	~30
January 29, 2015	Phil Bruch – Golder Associates	Instability along the South Saskatchewan River in Saskatoon	~35
February 17, 2015	Peter Sydoruk – Almita Piling	Long Term Lateral Resistance of Helical Piles in Cohesive Soils	5
March 6 & 7 2015	Workshop – Dr. Jim Graham	Understanding the Behaviour of Clays: Deformation, Strength, and Critical States	21
April 2 & 3, 2015	Workshop – Soilvision – Dr. Murray Fredlund and Dr. Delwyn Fredlund	2D/3D Seepage and Slope Stability Analysis	5

Regina Geotechnical Group
Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: 9 July 2015

Prepared by: Harpreet Panesar

Section Director: Harpreet Panesar

End of Term: 2016

CGS web page address: http://cgs.ca/section_regina.php

Last time your Section's CGS web page was updated: 2014 and events section as recently as April 2015

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

Chair: Darrell Mihial, TetraTech

Program Director(s): Ryan Kozun and Jasyn Henry, Clifton Associates Ltd

Secretary: Anna Torgunrud, JD Mollard and Associates

University Representative: Maki Ito, University of Regina

Section Director: Harpreet Panesar, Ministry of Highways and Infrastructure

Section 3: Number of Section Members

Executive members: 6

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

Total CGS members (if possible student and non-student members): 15+

Section 4: Finances

Balance (as of June 30, 2015): \$8,243.90

Does your Section charge its members an annual fee? No

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

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? Yes

Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? No

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda?

- Not sure about the arrangements at GeoQuebec however it might be beneficial to have future conference proceedings made available to delegates through online access only (similar to TRB)
- Lessons learned (by a small RGG section) with event hosting tool (namely Eventbrite)

Section 6: Activities

Date	Speaker/Other	Topic/Subject	Attendance
Sep 28 – Oct 02, 2014	2014 Canadian Geotechnical Conference	Various	400+
Nov 17 – 19, 2014	Chris Kelln and Curtis Kelln	GeoStudio 2012 Geotechnical Modelling Workshop	17
Jan 30, 2015	David F Polster	Natural Processes for the Restoration of Drastically Disturbed Sites	21
Feb 11, 2015	Peter Sedoruk and Boacheng Li	Long-term Lateral Resistance of Helical Piles in Cohesive Soils	23
Mar 11, 2015	Lynden Penner	Terrain Analysis for Pipeline Engineering	22
Apr 30, 2015	Wayne Clifton	Construction and Performance of Saskatchewan River Bridge near Nipawin, SK	41

Section 7: Additional general information or comments

To date, RGG has not received its share of monies from GeoRegina 2014.

Manitoba Section
Annual Report July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 15, 2015

Prepared by: Kendall Thiessen

Section Director: Kendall Thiessen

End of Term: 2016

CGS web page address: http://www.cgs.ca/section_manitoba.php

Last time your Section's CGS web page was updated: 2014

If the Section has a separate website please provide address:

Is there a link to the CGS website?

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

Chair: Wingkeat Wong (Amec Foster Wheeler)

Past Chair: Neil Privat (KGS Group)

Treasure: Steven Harms (Trek Geotechnical)

Program Director: Kris Matusiewicz (Manitoba Hydro)

Membership/Assistant Program Director: Arjan Jianfar (Hatch)

Student Liason: Earl Marvin DeGuzeman (U of M)

Special Events: David Flynn (KGS Group)

Section 3: Number of Section Members

Executive members: 7

Total members (if possible, student and non-student members): No local membership

Total CGS members (if possible student and non-student members): 59 including (58 regular, 1 student) as of May 7, 2015

Comments (point form)

- 61 members in December 2014 so generally Manitoba has maintained the status quo.

Section 4: Finances

Balance (as of June 30, 2015): \$63,408.00

Does your Section charge its members an annual fee? No.

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

Manitoba is unlikely to be considered a "small" section, and is in good financial shape.

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? Yes. Have not used it or considered it in recent past because Manitoba is usually included in the CCLT schedule.

Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? Yes

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? Yes.

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

Section 6: Activities

Date	Speaker/Other	Topic/Subject	Attendance
23-09-2014	David Flynn (U of M M.Sc. Student)	Geothermal Modelling of Ground Thermal Regime Beneath a Highway Embankment in Degrading Permafrost	42
30-10-2014	Tom Crilly P.Eng. (Stantec)	TVA Kingston TN Coal Fired Generating Plant 2008 Ash storage dam failure, remediation, and closure	40
24-11-2014	Dr. Ryan Phillips (C-CORE)	Pipeline-soil interaction: Flowing hot and cold	30
16-12-2014	Steven Harms (U of M M.Sc. Student)	Evaluation of Large Sand-filled Geotextile Containers as a Temporary Flood Protection Product	33
27-03-2015	Dr. Jim Graham	Short Course – Soil Parameters for Analysis and Design	51
04-02-2015	Jason Mann (KGS Group)	Tunneling in Mayo, Yukon Territory	44

25-02-2015	Kent Bannister (Trek Geotechnical)	Lessons Learned from the Installation of 4800 Helical Piles in Northern Manitoba	46
05-11-2015	Dr. Nicholas Sitar	Seismic Earth Pressures on Retaining Walls and Basements	32
06-10-2015		Annual Golf Tournament	55

Section 7: Additional general information or comments

The Manitoba Section is considering opportunities to fund a research project at the University of Manitoba. Details have not been confirmed, but the research would be on a topic that would provide general benefit to broad range geotechnical practitioners in the Manitoba Region.

Thunder Bay Section

Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: August 06, 2015

Prepared by: Dr. Eltayeb Mohamedelhassan

Section Director: Dr. Eltayeb Mohamedelhassan

End of Term: December 31, 2015

CGS web page address: http://www.cgs.ca/section_thunder_bay.php

Last time your Section's CGS web page was updated: unknown

If the Section has a separate website please provide address:

Is there a link to the CGS website?

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

Chair: Dr. Eltayeb Mohamedelhassan

Past Chair: Dr. Myint Win Bo

Vice Chair: Dr. Myint Win Bo

Secretary: Vacant

Add others (as necessary): Dr. Bruce Kjartanson

Section 3: Number of Section Members

Executive members: Dr. Myint Win Bo, Wesley Saunders

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

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

Section 4: Finances

Balance (as of June 30, 2015): \$ 0

Does your Section charge its members an annual fee? No

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

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? No

Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? No

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

Section 6: Activities

Date	Speaker/Other	Topic/Subject	Attendance
June 29, 2015	Executive Committee	Meeting	

Sudbury Section

Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: August 19, 2015

Prepared by: Sarah Poot

Section Director: Sarah Poot

End of Term: 2016

CGS web page address: http://www.cgs.ca/section_sudbury.php

Last time your Section's CGS web page was updated: 2014

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

Chair: Sarah Poot

Past Chair: Tommi Leinala

Section 3: Number of Section Members

Executive members:

Comments

- The group is in the process of re-establishing contact with local CGS members and members of the community that had expressed interest prior to the stagnant period.
- The executive of the Sudbury Chapter are going to be seeking additional members to become involved with the organization in order to hopefully be able to organize and arrange events. An executive meeting has not been scheduled to bring interested individuals to get them involved in the section.

Section 4: Finances

Balance (as of June 30, 2015): \$400. This balance is from 2014 report

Does your Section charge its members an annual fee? No

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

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? No

Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? No

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? No

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

- At least one person from Sudbury is attending the conference and presenting a paper.

Section 6: Activities none

Section 7: Additional general information or comments

CEMI/MIRARCO has provided a venue for presentations since 2004. The refreshments and speaker thank you gifts have been supplied by AMEC and Golder. The support of AMEC, Golder, and MIRARCO has been essential in order to provide the Sudbury CGS community lectures at no cost. Unclear if this will continue because we have not maintained strong contacts in the past 3 years since our last event.

Other ideas for connecting with the northern CGS community including:

- Hosting video sessions of past CCLT lectures if speakers not available
- Check database of speakers through CGS reports
- Connecting with other northern CGS sections including Thunder Bay, Sault Ste. Marie, North Bay and Timmins using community based "Contact North" as the medium
- Contacting other local technical groups (such as CIM and CGS Rock Mechanics Division and Mining Committee, etc.) to discuss combining speakers or events with the hope of having 2 events in 2016.

London Section

Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 9, 2015

Prepared by: Mrinmoy Kanungo

Section Director: Mrinmoy Kanungo

End of Term: July 2015

CGS web page address: http://www.cgs.ca/section_london.php

Last time your Section's CGS web page was updated: late 2014

If the Section has a separate website please provide address: <http://www.csce-cgs-london.org/>

Is there a link to the CGS website? Yes

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

Chair: Trisha Wilbur, University of Western Ontario

Past Chair: Tom Mara, The Boundary Layer Wind Tunnel Laboratory

Vice Chair: Stephanie Dalo, AECOM

Secretary: Brent Visscher, Dillon Consulting Ltd.

Treasurer: John Gawley, Dillon Consulting Ltd.

Vice-treasurer: Grant Strachan, AECON

Communications: Azmi Hammoud, P.Eng.

CGS Representative (outgoing, till July 2015): Mrinmoy Kanungo, Golder Associates Ltd.

CGS Representative (Remainder of 2015 and 2016-2018): Andrew Stewart, Englobe

CSCE Representative, CSCE Ontario Region Treasurer: Andy Turnbull, MTO

2016 CSCE Conference Liaison: Mike Bartlett, University of Western Ontario

City Representative: John Simon, City of London

Sponsorship Representative: Stephanie Dalo, AECOM

Young Professionals Rep: Stephanie Dalo/Trisha Wilbur

Events Coordinator: Stephanie Dalo, AECOM

Faculty Representative: Jon Southen, University of Western Ontario

Graduate Student Rep: Trisha Wilbur, University of Western Ontario

Section 3: Number of Section Members

Executive members: 13

Total members (if possible, student and non-student members): about 300

Total CGS members (if possible student and non-student members): 41 active

Comments (point form)

- Total number of members reported above is for the joint CSCE-CGS Chapter in London

Section 4: Finances

Balance (as of June 30, 2015): \$2,681.48

Does your Section charge its members an annual fee? No

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

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? Yes

Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? No

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? No

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

Section 6: Activities

Date	Speaker/Other	Topic/Subject	Attendance*
October 22, 2014	Dr. Rupp Carriveau, P.Eng.; University of Windsor	The Impact of a Changing Operating Environment on Commercial Wind	
November 19, 2014	Dr. Storer, J. Boone, P.Eng. and Dirka U. Prout, P.Eng.; Golder Associates Ltd.	East Bayfront Sanitary Sewer: "Wishing it into Place"	
January 21, 2014	Dr. Jason Gerhard, P.Eng.; Western Ontario University	Reinventing the Toilet to Address Worldwide Sanitation Challenges	

February 11, 2015	Michael Baldinelli, MEng, P.Eng., Matthew Stead, M.Eng., and Dr. Mahdy Hamada; Strick Baldinelli Moniz	Building Tall with Wood – A Six Storey Case Study	
March 11, 2015	Brian Nourse, P. Eng.; Infrastructure Ontario	Toronto's Pan Am Games Athletics Stadium	
April 15, 2015	Trevor Scott, M.E.Sc, EIT, John Pucchio, M.Sc., P.Eng.; AECOM	Historic Meadowlily Footbridge - A Life Changing Renewal	

*The dinner talks are typically attended by 15-25 people. The attendance generally increases in MTO or UWO presentations.

Section 7: Additional general information or comments

The CSCE-CGS London & District Section held its first Young Professionals event on May 14, 2015 in the form of a social night for young professionals in the area. The London Section also sponsors and/or supports a number of University of Western Ontario student activities such as student awards, concrete toboggan, concrete canoe, polar stick competition. Our Section has traditionally been financially self-sustained by the money generated from the dinner meetings. From last year, we started receiving sponsorship money from different companies in London. Planning is also underway for the 2016 CSCE National Conference to be held in London.

Southern Ontario Section (Toronto Group) ***Annual Report - July 1, 2014 to June 30, 2015***

Section 1: General

Date of report: August 4, 2015

Prepared by: Andrew Drevininkas

Section Director: Andrew Drevininkas

End of Term of Director: December 31, 2017

CGS web page address: http://cgs.ca/section_southern_ontario.php

If the Section has a separate website...

...please provide address: www.cgs-sos-toronto.com

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

Chair:	René Leprade
Past Chair:	David Staseff
Vice Chair:	n/a
Secretary:	Geoffrey Creer
Treasurer	Rehman Abdul
Communication	Frank Hu
Membership	Masoud Manzari
Student Liaison	Rashid Bashir
CGS-SOS Awards/Alternate Secretary	Silvana Micic
Event Coordinator	Jason Brown
Event Coordinator	Archie Sirati
Event Coordinator	Andrew DeSira
Website	Frank Hu

Section 3: Number of members

Executive members: 12

Total members (if possible, student and non-student members): 302

Total CGS members (if possible student and non-student members): 302

Comments (point form)

- Gain of 23 members (8.2%) in comparison to 2013.
- 42 new Student members and 47 new regular members, while we had about 66 members that did not renew membership, resulting in a net gain of 23.

Section 4: Finances

As of (date): June 30, 2015

Balance: \$27,979.50

Does your Section charge its members an annual fee? No

Section 5: Activities

Date	Speaker/Other	Topic/Subject	Attendance
August 15	n/a	6 th Annual Golf Tournament	80
September 17	Gary Kramer	Recent Advances in Soft Ground Transit Tunneling	114
October 8	Dr. Gabriel Sedran	In situ Testing Practices in Southern Ontario	58
November 20	Dr. Ryan Phillips (Fall CCLT)	Application of Geotechnical Centrifuge Modeling in Design	71
December 3	Dr. Jean Hutchinson	Putting Vimy Ridge Memorial on Solid Ground	168
January 14	n/a	Graduate Student Competition	~70
February 12	Dr. Jim Graham	Clay, Water, Creep, Modeling: Clay Behaviour For Geotechnical Engineering Practice	72
March 11	Jamey Rosen	Geotechnical Data Management with GIS	66
April 8	Mark Popik	Pavement Engineering Beyond Traditional Methods	~70
May 7	Dr. Nick Sitar (Spring CCLT)	Seismic Earth Pressures on Retaining Walls and Basements	108
May 27	Dr. Federico Pagliacci	Stablizing the Pisa Tower	230

Kingston Section

Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: 15 July 2015

Prepared by: Nicholas Vlachopoulos

Section Director: Nicholas Vlachopoulos

End of Term of Director: 31 Dec 2015

CGS web page address: http://www.cgs.ca/section_kingston.php

Last time your Section's CGS web page was updated: July 2014

If the Section has a separate website...

...please provide address: Facebook: <https://www.facebook.com/groups/843205439043445/>

...is there a link to the CGS website? No link to the Facebook page from the main CGS Page

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

Chair/Director: Nicholas Vlachopoulos, RMC

Past Chair: Greg Siemens, RMC

Vice-Chair: Dylan Hill, DBA Engineering

Treasurer: Current (Dec 2014): Maria Skordaki, RMC

Past: (Oct 2014): Kathy Kalenchuk, Mine Design Engineering

Members at Large: Steven Rose, Malroz Engineering

Martin Burger, Groundwork Engineering Limited

Jean-Marc LeBlanc, Queen's Engineering (Student Rep.)

New: (Dec 2014): Ioannis Vazaios, Queen's University (Student Rep.)

New: (Dec 2014): Jane Peter, Queen's University (Student Rep.)

Past: (Dec 2014): Michelle van der Pouw Kraan, Queen's Engineering (Student Rep.)

Section 3: Number of members

Executive members: 9 members (3 of which are students)

Total members (if possible, student and non-student members): access to graduate students from GeoEngineering Queen's-RMC Centre, <http://www.geoeng.ca/Students.htm>

Total CGS members (if possible student and non-student members): ~120 members

Comments (point form)

- Keep an active distribution list of members
- Support other organizations within Kingston and conduct joint activities i.e. GeoEng and PEO.

Section 4: Finances

As of (date): 31 Jan 2015

Year-End Balance (for Annual Report only): \$~15,000.00

Does your Section charge its members an annual fee? No

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

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? Yes, we would like to host the CCLT as often as possible.

Is your Section planning to sponsor a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? Yes

Comments (point form)

- We were fortunate enough to sponsor and support the GeoHazards conference this year and received ½ of the profits from the conference
- Our mechanism for budgets is to solicit local companies (\$200.00/year) in order to help with the operating costs of our section (primarily hosting the CCLT and Speakers);
- Our corporate sponsors include:
 - Caduceon Environmental Laboratories
 - Cunningham Swan Carty Little & Bonham LLP
 - DBA Engineering
 - Genivar Inc
 - Golder Associates
 - Groundwork Engineering Limited
 - Houle Chevrier
 - Insitu Remediation Services
 - Inspec Sol Inc.
 - MALROZ Engineering Inc.
 - Maxxam Analytics Inc
 - McIntosh Perry Consulting Engineers Ltd
 - Mine Design Engineering
 - Paracel Laboratories Ltd
 - Vertex Environmental Inc
 - Viner, Kennedy, Frederick, Allan & Tobias LLP
 - WESA Envir-Eau
 - Withey Addison LLP
 - Willms and Shier Environmental Lawyers LLP
 - XCG Consultants Ltd

Section 5: Activities

Date	Speaker/Other	Topic/Subject	Attendance
Sept 15 th , 2014	Section Executive Meeting	Section Executive Meeting	7
Sept 24 th , 2014	Dr. Matt Lato - LiDAR – RockSense, Ottawa	Using LiDAR in order to Assess Risk in Geotechnical Projects	33
Oct 14 th , 2014	Dr. Michel Aubertin	Combined Event with the GeoEngineering Queen's-RMC Centre	55
Nov 5 th , 2014	Pietro Jarre, Golder, Italy	Lesson's Learned from Geotechnical Consulting	43
Nov 19 th , 2014	Dr. Ryan Phillips – C-Core, Nfld	CCLT – Pipe/Ground Interaction	47
Dec 5 th , 2014	Section Executive Meeting	Section Executive Meeting	9
Jan 26 th , 2014	Dr. Pete Quinn, Principal Geotechnical Engineer, BGC Engineering Inc.	Geohazard Risk Assessment for Long Linear Infrastructure	38
Mar 4 th , 2015	The 37th Annual Michael Bozozuk Student Forum in Kingston (Kingston Section Organized and Hosted this year)	Annual Student Competition between University of Ottawa, Carleton University, Queen's University and the Royal Military College of Canada. <u>Winner: Ms. Amy Rentz, Queen's</u>	65
Mar 30 th , 2015	Dr. Gabe Walton, Mine Design Engineering	Presentation - Post-yield behaviour of brittle rock and its significance for deep excavations under high stress	15
May 5 th , 2015	Dr. Nick Sitar	CCLT - Influence of Fabric on Engineering Properties of Coarse Sediments	45
June 30 th , 2015	Student / MIT Competition	Conducted Annual Student / MIT competition in order to determine who we will sponsor for GeoQuebec <u>Winner: Mr. Afaf Moumin, RMC</u>	7 Entrants

Section 6: Additional information or comments

Specific CGS activities for the period are listed in the Section 5 table. The Kingston Section supports and disseminates information about weekly student presentations and guest speakers that are hosted by the Queen's-RMC Geo-Engineering Centre as part of its ongoing graduate studies program. The Section Chair attended the 2014 Canadian Geotechnical Conference, GeoRegina. The Section sponsored graduate student Mr. Prabeen Joshi to attend GeoRegina in the fall of 2014. The Kingston Section also supported the successful 6th Canadian GeoHazards Conference in June 2014.

The Section Vice-Chair, Mr. Dylan Hill, will be taking over as Section Chair as of 01 Jan 2016, as the current Chair, Nicholas Vlachopoulos, will be appointed as the Chair of the CGS Engineering Geology Division.

Ottawa Geotechnical Group Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: August 5, 2015

Prepared by: Mamadou Fall

Section Director: Mamadou Fall

End of Term of Director: December 31st, 2016

CGS web page address: http://www.cgs.ca/section_ottawa.php

Last time your Section's CGS web page was updated:

If the Section has a separate website...

...please provide address: www.ottawageotechnicalgroup.com

...is there a link to the CGS website: <http://www.ottawageotechnicalgroup.com/links/default.html>

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

Chair: Paul Simms, Carleton University

Past Chair: Baolin Wang, Natural Resources Canada

Vice Chair: Julio Angel Infante Sedano, University of Ottawa

CGS Regional Director: Mamadou Fall

Secretary: Bruce Campbell, EFI Global

Treasurer: Michel Timmins, EFI Global

Advisor: Gerry Webb, Golder Associates

Executive Member: Clive Kamichaitis, Public Works and Government Services Canada

Executive Member: Sean Sterling, Geofirma Engineering

Executive Member: Nell van Walsum, BluMetric Environmental Inc

Student Member: Manuel Sanchez Sardon, Carleton University

Section 3: Number of members

Executive members: 11

Total members (if possible, student and non-student members): 235

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

Comments (point form)

Section 4: Finances

As of (date): June, 2015

Balance: 39,000\$

Does your Section charge its members an annual fee? Yes

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 (Awards Manual Section C-4)? Yes

Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? Yes

Comments (point form)

The OGG has sponsored the prizes for the three best presentations at the 2014 Graduate Student Conference on Geotechnical Hazards that took place at the University of Ottawa from Dec. 3 to 4, 2014. Approximately 100 people attended the conference. OGG also named the 1st prize as the Gordon McRostie Award in honour to his long time dedication and contributions to the Ottawa geotechnical community. The winners are:

- 1st Prize - Gordon McRostie Award - \$300

Winners: Manuel Sardon and Jennifer Chaijan

Topic: Differential settlement – The leaning tower of Pisa in Italy

- 2nd Prize – OGG Certificate of Excellence -\$150

Winner: Imad Alainachi

Topic: Understanding and mitigating the geo-risks of nuclear wastes disposal

- 3rd Prize - OGG Certificate of Excellence -\$50

Winner: Amir Taleghani

Topic: Quantitative loss-of-life risk assessment for debris flow/floods

Section 5. Activities

Date	Speaker/Other	Topic/Subject	Attendance
23-Sep-2014	Dr. Don Cummings and Dr. David Sharpe	Eskers in the Champlain Sea basin and their hydrogeological significance	37
29-Oct-2014	Dr. Pete Quinn	Geohazard risk assessment for long linear infrastructure	39
21-Nov-2014	Dr. Ryan Phillips	Pipeline-soil interaction: Flowing hot and cold	26
10-Dec-2014	Heather Crow	Shear wave velocity measurement guidelines for seismic site characterization in Canadian settings	40
29-Jan-2015	Patricia Manley	Prehistoric earthquake-triggered slumping in Lake Champlain	20
8-April-2015	Paul van Geel	<i>Impact of northern climates on waste stabilization - Ste. Sophie landfill case study</i> by Paul van Geel	43
7-May-2015	Nicholas Sitar	CCLT: Influence of fabric on engineering properties of coarse sediments	38
26-May-2015	Speaker: Nancy Schepers/ OGG annual Banquet/	Confederation Line – An Update on the Status of the Largest Infrastructure Investment since the Canal	50

Meetings

A total of 12 Executive Committee meetings were held during 2014-2015.

Section Ouest-du-Québec / Western Quebec Section Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 1, 2015

Prepared by: Yannic Ethier

Section Director: Yannic Ethier

End of Term of Director: December 2018

CGS web page address: http://www.cgs.ca/section_western_quebec.php?lang=fr

Last time your Section's CGS website was updated: October 2014

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

Chair: Judith Bouchard (Hydro-Québec)

Vice-Chair: Steven Doré-Richard (Hydro-Québec)

Director: Yannic Ethier (École de technologie supérieure)

Treasurer: Alain Plaisant (GHD)

Administration: Philippe Legault-Capozio (NCL Envirotek)

Secretary: Bibiana Narvaez (Ministère des Transports du Québec)

Program: Pooneh Maghoul (Groupe ABS)

Communications: François Duhaime (École de technologie supérieure)

Section 3: Number of members

Executive members: 8

Total Western Quebec section members: 121 members (including 4 student members)

Comments:

- Several members of the local section are also members of the CGS.

Section 4: Finances

As of (date): July 1, 2015

Balance: 23 286,03 \$

Amount in bank: 26 325,03 \$

Does your Section charge its members an annual fee? : Yes

Individual Member: 40,00 \$

Student Member: 25,00 \$

Corporate Member (5 to 9 inscriptions): 35,00 \$/ person

Corporate Member (10 to 20 inscriptions): 30,00 \$/ person

Corporate Member (more than 20 inscriptions): 25,00 \$/ person

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 (Awards Manual Section C-4)? : Yes

Is your Section planning to sponsor a Student/MIT to attend GeoQuebec 2015? : Yes

- A small financial contribution is requested from members in order to cover the costs of guest speakers and related expenses.
- As in past years, Hydro-Quebec generously supports the local organization by providing a conference room for most activities.

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? Yes

Section 6: Activities

Date	Speaker/Other	Topic/Subject	Attendance
September 24, 2014	Michael James	The Response of the Franklin Falls Dam to the 1982 Gaza (New Hampshire) Earthquake (Magnitude 4.7)	40
November 18, 2014	Ryan Phillips	Application of geotechnical centrifuge modelling in design (CCLT)	40
January 27, 2015	Daniel Verret	Le canal Beauharnois : un projet ambitieux pour les années 1920	65
February 23, 2015	Mourad Karray	Développement de la méthode pseudo-statique spectrale pour l'analyse de la stabilité dynamique des talus	60
March 26, 2015	Student contest	1. Samaneh Amirpour – Université de Sherbrooke : <i>The influence of grain distribution curves on shear behavior of granular material</i> 2. Kevin Dumbery – École de technologie supérieure : <i>Étude expérimentale de l'érosion de contact lors du franchissement de noyau</i> 3. Mireille Sandrine Ewane – École Polytechnique de Montréal : <i>Essais d'indentation sur une argile sensible</i> 4. Fatima-Zahra Haouizi – École Polytechnique de Montréal : <i>Prévention de l'érosion interne de sols granulaires par la technique de biocalcification</i> 5. Jérôme Lapierre – Amec Foster Wheeler : <i>Conception d'une digue sur une fondation d'argile glacio-lacustre d'Abitibi</i> 6. Simon-Pierre Tremblay – Université de Sherbrooke : <i>Inspection non destructive de la surface des structures souterraines à l'aide de la propagation des ondes de surface</i>	35
March 18 and 25, 2015	Training	Training offered in collaboration with Roctest on the Pressiometer	40
April 16, 2015	Nicolas Sitar	Seismic Earth Pressures on Retaining Walls and Basements (CCLT)	60
June 11, 2015	Michel Aubertin	Principaux défis géotechniques liés aux sites d'entreposage des rejets miniers	95

Section 7 Additional information or comments

Thanks to Judith Bouchard, Alain Plaisant and François Duhaime for their help in collecting all information.

Section Régionale Est-du-Québec **Rapport Annuel - 1^{er} juillet 2014 au 30 juin 2015**

Section 1: Généralités

Nom de la section de SCG:

Date du rapport: 8 Juillet 2015

Préparé par : Jean Côté

Directeur régional: Jean Côté

Fin du terme du directeur: 2015

Page web de la section: http://www.cgs.ca/section_east_quebec.php, dernière mise à jour: Juin 2014

Section 2: Membres de l'exécutif et leur employeurs, si étudiants, universités

Présidente: Janelle Potvin, Ministère des Transports du Québec

Directeur: Jean Côté, Université Laval

Secrétaire: Julie Therrien, Ministère des Transports du Québec

Trésoriers: Alexis Fortin and Pascal Locat, Ministère des Transports du Québec

Membres: Kamel Hamouche, Inspecsol,
Didier Perret (ancien directeur), Commission géologique du Canada,
Jonas Despatie, LVM,
Olivier Juneau, LEQ,
Jean-François St-Laurent, WSP,
Ariane Locat, Université Laval,
Simon Malenfant, Ministère des Transports du Québec,
Vincent Castonguay, Université Laval,
Sarah Bouchard, Université Laval,
Valérie Michaud, Qualitas.

Section 3: Nombre de membre

Membres de l'exécutif: 14

Membres total (si possible, étudiants et non étudiants): 150

Membre de la SCG (si possible, étudiants et non étudiants): 50 (incluant 10 étudiants)

Section 4: Finances

Le budget annuel est d'environ \$5 000. Les fonds proviennent principalement des revenus générés par la conférence canadienne de géotechnique de l'année 2004, quelques cours, autres conférences de moindres envergures tenues depuis 2004 et au programme de commandite corporative implanté en 2013.

La section demande-t-elle une cotisation annuelle? Non

La section connaît-elle le programme d'assistance financière de la SGC pour les sections: (Admin Manual App 4)? Oui

La section connaît-elle le programme de supplément de la SCG pour les conférences d'honneur? (Awards Manual Section C-4)? Oui

La section a-t-elle support un étudiant/jeune professionnel pour assister à la dernière conférence annuelle de la SCG (Admin Manual App 12)? Oui

La section compte-elle supporter un étudiant/jeune professionnel pour assister à la prochaine conférence annuelle de la SCG? Oui

Section 5: Activités

Date	Conférencier/autre	Titre/Sujet	Assistance
16 Sept. 2014	Jean-François St-Laurent, ingénieur de projet, WSP Canada Inc.	Résidus miniers: généralités à une gestion intégrée	23
23 Oct. 2014	Jean-Marie Konrad, professeur, Université Laval	Anisotropie des propriétés hydrauliques du till compacté.	56

		Mythe ou réalité?	
17 Nov. 2014	Ryan Philips, principal consultant, C-Core	CCLT: Application of geotechnical centrifuge modelling in design	30*
11 Déc. 2014	Simon Dumais, Ulaval Mohammad Kermani, Ulaval Vincent Castonguay, Ulaval	Conférences des boursiers 2014	23
19 Jan. 2015	Richard Fortier, professeur, Université Laval	Recherche en eau souterraine dans un environnement pergélisolé en voie de dégradation pour l'alimentation durable en eau potable des communautés nordiques	33
11 Fév. 2015	Régis Bouchard, Ingénieur Géotechnicien en chef, SNC-Lavalin	La stabilisation du North Spur. Projet du Bas Churchill : 50 ans d'histoire	82
11 Mars 2015	Mario Ruel, Directeur principal géotechnique et Projets spéciaux, CN	La planification d'un nouveau lien ferroviaire sur la Côte-Nord : Défis et enjeux d'un grand projet	Annulé**
23 Avril 2015	François Tremblay, ingénieur, Qualitas	Ingénierie des puits de décharge en aval de la digue monocouche du lac réservoir Kénogami au Saguenay : Approche révisée de la conception et suivi de la performance	40
6 Mai 2015	Nick Sitar	CCLT - On the Importance of Kinematics in the Analysis of (Large) Landslides	25

*Il y a eu une importante tempête de neige et plusieurs personnes ont préféré retourner à la maison plutôt que de venir à cette conférence de fin d'après-midi.

**Le conférencier a dû se rendre d'urgence au site du déraillement d'un train du CN près de Gogoma en Ontario.

Nous avons débuté la diffusion de nos conférences via le web à deux villes dans notre vaste région (Baie-Comeau et Saguenay). Hydro-Québec et Qualitas fournissent les salles et les écrans pour les ingénieurs locaux. La popularité de cette mesure nous permet de croire que nous pourrions offrir ce service à d'autres villes.

Section 6: Informations additionnelles et commentaires

Ariane Locat de l'université Laval sera la prochaine directrice de la section.

Le comité de la section régionale vient de mettre sur pied le prix Pierre Larochelle en l'honneur de la contribution de ce dernier dans le domaine de la géotechnique au niveau régional, national et international. Le premier récipiendaire de cette bourse est Vincent Castonguay de l'Université Laval. La section a aussi mis sur pied un prix reconnaissance qui souligne la contribution d'un membre sénior. La première édition de ce prix a honoré le professeur Pierre Larochelle.

Le comité organisateur de la conférence GÉOQuébec 2015 progresse dans la préparation de la conférence nationale de la SCG à Québec en septembre 2015. La 68^e Conférence canadienne de géotechnique sera jointe par la 7^e Conférence canadienne du pergélisol. Le thème de la conférence est : Des défis du sud au nord. L'hôtel Hilton Québec et le Centre des congrès de Québec ont été retenus pour tenir la conférence et pourront confortablement accommoder jusqu'à 740 participants. Les services d'Agora Communications ont été retenus pour assister le comité local dans l'organisation de la conférence.

Mises à jour :

Décembre 2014: L'entente (MOU) a été signée par la SCG, le comité organisateur et le CNC-IPA. Les budgets prévisionnels seront préparés et soumis à la SCG en février.

Fin janvier 2015 : GÉOQuébec 2015 a reçu plus de 720 résumés, avec une très forte participation de la communauté du pergélisol.

Juillet 2015: GÉOQuébec 2015 a reçu plus de 400 manuscrits. Le programme inclura 7 sessions techniques concurrentes avec la possibilité d'ajouter 1 ou 2 sessions d'affiches.

Eastern Quebec Section

Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 8, 2015

Prepared by: Jean Côté

Section Director: Jean Côté

End of Term of Director: 2015

CGS web page address: http://www.cgs.ca/section_east_quebec.php, last update, June 2014

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

Chair: Janelle Potvin, Ministère des Transports du Québec

Director: Jean Côté, Université Laval

Secretary: Julie Therrien, Ministère des Transports du Québec

Treasurer: Alexis Fortin and Pascal Locat, Ministère des Transports du Québec

Members: Kamel Hamouche, Inspeccol,
Didier Perret (past director), Geological Survey of Canada,
Jonas Despatie, LVM,
Olivier Juneau, LEQ,
Jean-François St-Laurent, WSP,
Ariane Locat, Université Laval,
Simon Malenfant, Ministère des Transports du Québec,
Vincent Castonguay, Université Laval,
Sarah Bouchard, Université Laval,
Valérie Michaud, Qualitas.

Section 3: Number of members

Executive members: 14

Total members (if possible, student and non-student members): 150

Total CGS members (if possible student and non-student members): 50 (including 10 students)

Section 4: Finances

The annual budget is about 5,000\$. The funds primarily come from the revenues of the la Canadian Geotechnical Conference in 2004, few courses, other conference held since 2004 and the newly corporate sponsorship program implemented in 2013.

Does your Section charge its members an annual fee? No

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

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? Yes

Is your Section planning to sponsor a Student/MIT to attend GÉOQuébec 2015? Yes

Section 5: Activities

Date	Speaker/Other	Topic/Subject	Attendance
Sept. 16 2014	Jean-François St-Laurent, project engineer, WSP Canada Inc.	Résidus miniers: généralités à une gestion intégrée	23
Oct. 23 2014	Jean-Marie Konrad, professor, Université Laval	Anisotropie des propriétés hydrauliques du till compacté. Mythe ou réalité?	56
17 Nov. 2014	Ryan Philips, principal consultant, C-Core	CCLT: Application of geotechnical centrifuge modelling in design	30*
11 Dec. 2014	Simon Dumais, Ulaval Mohammad Kermani, Ulaval Vincent Castonguay, Ulaval	Conférences des boursiers 2014	23
19 Jan. 2015	Richard Fortier, professeur, Université Laval	Recherche en eau souterraine dans un environnement pergélisolé en voie de dégradation pour l'alimentation durable en eau potable des communautés nordiques	33
11 Fév. 2015	Régis Bouchard, Ingénieur Géotechnicien en chef, SNC-Lavalin	La stabilisation du North Spur. Projet du Bas Churchill : 50 ans d'histoire	82

11 Mars 2015	Mario Ruel, Directeur principal géotechnique et Projets spéciaux, CN	La planification d'un nouveau lien ferroviaire sur la Côte-Nord : Défis et enjeux d'un grand projet	Cancelled **
23 Avril 2015	François Tremblay, ingénieur, Qualitas	Ingénierie des puits de décharge en aval de la digue monocouche du lac réservoir Kénogami au Saguenay : Approche révisée de la conception et suivi de la performance	40
6 Mai 2015	Nick Sitar	CCLT - On the Importance of Kinematics in the Analysis of (Large) Landslides	25

* There was a heavy snow storm and most people preferred to go back home early instead of coming to this late afternoon event.

** The speaker had to cancel at the last minute due to a trail accident near Gogoma, Ont.

We have started to broadcast our conferences via the web to two cities from our vast region (Baie-Comeau and Saguenay). Hydro-Quebec and Qualitas provide the room and screen for the local engineers. This is becoming more and more popular and we will attempt extend this to other cities.

Section 6: Additional information or comments

Ariane Locat from Laval University will be the next section director.

The regional section has put forward an award to honor the contribution at the regional, national and international level of Pierre Larochelle. The first award Pierre Larochelle award winner is Vincent Castonguay from Laval University. The regional section has also created an award in recognition for the contribution of a regional senior member. The first edition has honored Pierre Larochelle.

The local organizing committee of the GÉOQuébec 2015 is constantly work on the preparation of the national CGS conference, September 2015. The 68th Canadian Geotechnical Conference will be joined by the 7th Canadian Permafrost Conference. The conference theme is: Challenges from South to North. The selected hotel is the Hilton Quebec and the conference venue is the Quebec congress center will be able to accommodate up 740 delegates. Agora Communication has been hired to manage the conference.

Updates:

December 2014: The MOU was signed by the CGS, the LOC and CNC-IPA. Provisional budgets will be prepared and submitted to CGS in February.

January 2015: GÉOQuébec 2015 has received over 720 abstracts, with a very strong participation of the permafrost community.

July 2015: GÉOQuébec 2015 has received over 400 manuscripts. The program will include 7 concurrent technical sessions and there are possibilities to have one or two poster sessions.

Nova Scotia Section

Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 6, 2015

Prepared by: James Mitchell

Section Director: James Mitchell

End of Term: December 31, 2016

CGS web page address: https://www.cgs.ca/section_nova_scotia.php

Last time your Section's CGS web page was updated: unknown

If the Section has a separate website please provide address: none

Is there a link to the CGS website?

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

Chair: James Mitchell

Past Chair: Anthony Urquhart

Vice Chair: Anthony Urquhart

Secretary/Treasurer: Scott Munro

Add others (as necessary) Sheri Burton & Ilia Wainshtein (Members at Large)

Section 3: Number of Section Members

Executive members: 5

Total members (if possible, student and non-student members): 45 (estimated)

Total CGS members (if possible student and non-student members): 30

Comments (point form) none

Section 4: Finances

Balance (as of June 30, 2015): \$19,981.31

Does your Section charge its members an annual fee? No

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

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? Yes

Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? Yes

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

Section 6: Activities

Date	Speaker/Other	Topic/Subject	Attendance
11/13/2014	Dr. Ryan Phillips	Fall CCLT: Pipeline-soil Interaction: Flowing Hot & Cold	25
11/20/2014	Dr. Dennis Becker	Dalhousie Lecture Series: Lessons Learned to Date	100
5/4/2015	Dr. Nicholas Sitar	Spring CCLT: On the Importance of Kinematics in the Analysis of (Large) Landslides	25

An additional event was scheduled for January but the speaker's flight had to be cancelled due to weather conditions.

Section 7: Additional general information or comments

Bi-monthly meetings of the Executive Committee took place starting in September with a mandate to encourage growth in membership by reaching out to inactive members and bringing in new members by promoting geotechnique in the region. As a committee we recently met with two individuals (Sheri Burton and Ilia Wainshtein) who have expressed interest in joining our committee. The purpose of increasing the involvement in our committee is to bring new ideas to the group and to work on succession planning. It is our intention to recruit one more member in the coming months.

New Brunswick Section Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: 31 July 2015

Prepared by: Benjamin McGuigan

Section Director: Benjamin McGuigan

End of Term: 31 Dec 2017

CGS web page address:

Last time your Section's CGS web page was updated:

If the Section has a separate website please provide address: none

Is there a link to the CGS website?

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

Chair: Benjamin McGuigan

Past Chair: Hany El Naggar

Vice Chair: To be determined

Secretary: To be determined

Section 3: Number of Section Members

Executive members: 1

Total members (if possible, student and non-student members): 9

Total CGS members (if possible student and non-student members): 9

Comments (point form)

- Inactive members have been contacted and encouraged to renew their membership

Section 4: Finances

Balance (as of June 30, 2015): \$674.65

Does your Section charge its members an annual fee? No

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

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? Yes

Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? No

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? To be determined.

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

Section 6: Activities

Date	Speaker/Other	Topic/Subject	Attendance
04 May 2015	Dr. Nick Sitar (CCLT)	Seismic Earth Pressures on Retaining Walls and Basements	30

Section 7: Additional general information or comments

Goals for the upcoming year:

- Host fall CCLT
- Establish vice chair and secretary
- Increase membership
- Possibly host other events

Newfoundland and Labrador Section (St John's Geotechnical Society)
Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: June 22, 2015

Prepared by: Sylvia Bryson

Section Director: Sylvia Bryson

End of Term: December 31, 2017

CGS web page address: http://www.cgs.ca/section_newfoundland.php

Last time your Section's CGS web page was updated: March 2014

If the Section has a separate website please provide address: none

Is there a link to the CGS website? none

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

Chair: Sylvia Bryson, P.Eng.

Past Chair: Janet Williams, P.Eng.

Treasurer: Ken Chi

Section 3: Number of Section Members

Executive members: Sylvia Bryson (Chair) Ken Chi (Treasurer)

Total members (if possible, student and non-student members): ~70

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

Comments (point form)

- Inherited email list from former Chair – difficulty to date to elicit response/participation from majority of those contacts

Section 4: Finances

Balance (as of June 30, 2015): \$250.00

Does your Section charge its members an annual fee? No

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

Is your Section aware of the CGS Lecture Supplement Program (Awards Manual Section C-4)? Yes

Is your Section sponsoring a Student/MIT to attend GeoQuebec 2015 (Admin Manual App 12)? Yes

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

Section 6: Activities

Date	Speaker/Other	Topic/Subject	Attendance
Oct 31, 2014	Dr. Stig Bernander	Dr. Bernander is an international expert on landslides in quick clay. Discussion of potential issues related to quick clay in engineering design and dam safety at Muskrat Falls project.	36
Nov 14, 2014	Dr. Ryan Phillips	CCLT – Offshore Foundation Systems	21
Feb 2, 2015	ISSMGE Webinar (Dr. Peter Robertson)	CPT Testing	15
May 14, 2015	MUN graduate students	Various - student paper competition for selection of sponsorship for GeoQuebec 2015	12

Section 7: Additional general information or comments

In April local geotechnical consultants were contacted seeking sponsorship for our local section. Only 1 response was received, for an amount of \$200. There appears to be reasonable interest in the upcoming CCLT, I plan to use this as a “carrot” to dangle when I follow up with the requests for sponsorship. I believe that in past years the participation has dropped off because of a lack of relevance to their specific work. At this time due to limited funds it's very challenging to bring in or attract higher profile speakers.

In June I spoke to Sean MacEoin to gather information about the types of events that are successful, how to increase Section revenue, and to increase local participation. I have some ideas to move forward with, will revisit in a few months to evaluate progress.

Technical Divisions Summary Report – Richard Brachman, Division Representative Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: August 2, 2015; revised September 15, 2015.

Prepared by: Richard Brachman), CGS Division Representative on Executive Committee

End of Term: December 31, 2016

Section 2: Reports

Number of divisions that used new report format: 7

Number of divisions that used old report format: 0

Number of non-reporting divisions: 0

Section 3: Websites

How many division websites on CGS website require updates? 6

How many divisions have their own websites? 1

General comments regarding the CGS website and/or individual division websites:

- Brachman will co-ordinate website updates.

Section 4: Finances

How many divisions report their finances? 6

General comments about finances:

- Two divisions with balances Cold Regions (\$13.8K) and Engineering Geology (\$8.8K).
- Rock Mechanics reports balance of \$63K with Canadian Rock Mechanics Association.

Section 5: Division affiliations with other organizations

Each Division of the CGS is affiliated with a number of national and international counterparts, as detailed below:

- Cold Regions Geotechnology: Canadian National Chapter, International Permafrost Association (CNC-IPA); International Permafrost Association (IPA)
- Engineering Geology: Association of Environmental and Engineering Geologists (AEG); Association of Geohazard Professionals (AGHP); International Association of Engineering Geology (IAEG)
- Geoenvironmental: International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE)
- Geosynthetics: North American Geosynthetics Society (NAGS); International Geosynthetics Society (IGS)
- Groundwater: Canadian National Chapter of the International Association of Hydrogeologists (CNC-IAH); International Association of Hydrogeologists (IAH)
- Rock Mechanics: Canadian Rock Mechanics Association (CARMA); International Society for Rock Mechanics (ISRM)
- Soil Mechanics and Foundations: International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE)

Section 6: Additional information or comments

General comments about membership and activities:

- All Divisions active.
- Engineering Geology Division is particularly active
- Geoenvironmental Division seems to be re-focusing.

Refer to summary table on following page:

Division	Chair	Website		Finances		2014 Members		Notable activities
		Needs update	Own website	Reported	Balance	1st choice	2 nd choice	
Cold Regions Geotechnology	Baolin Wang	Yes	No	Yes	\$13,776	87	234	GeoRegina 2014 & GéoQuébec 2015 (7th Canadian Permafrost Conference); Int'l Short Course on Permafrost Engineering.
Engineering Geology	Doug Stead	No	No	Yes	\$8,836	120	307	13% increase in 1st choice membership; GeoRegina 2014 & GéoQuébec 2015; increased collaboration with the CGS Landslides Committee; webpage update; new affiliation with Assoc. Geohazards Professionals; planning Engineering Geology in Canada Monograph.
Geo-environmental	Craig Lake	Yes	No	Yes	0	119	243	14th Global Joint Seminar on Geo-Environ. Eng.; plan to have meeting prior to GéoQuébec 2015.
Geosynthetics	Richard Brachman	Yes	No	Yes	0	59	237	Webinars (x2); GeoRegina 2014 & GéoQuébec 2015; 3 rd Pan-Am Geosynthetics Conf.; proposed short-course for GeoVancouver 2016. Developing CGS / ASCE GeoFrontiers 2017 relationship.
Groundwater	Fred Magdich	Yes	No	Yes	0	35	162	Working on better liaison and cooperation with CNC-IAH
Rock Mechanics	Sam Proskin	Yes	Yes	Yes	\$61,325 (CARMA)	99	263	GeoRegina 2014 & GéoQuébec 2015
Soil Mechanics & Foundations	Alex Baumgard	Yes	No	No	0	545	?	GeoRegina 2014 & GéoQuébec 2015; considering a Site Investigation Manual.

Cold Regions Geotechnology Division

Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 13, 2015

Prepared by: Baolin Wang

Division Chair: Baolin Wang

End of Term of Chair: Dec. 31, 2016

CGS web page address: http://cgs.ca/division_cold_regions.php?lang=en

Last time your Division's CGS web page was updated: March 10, 2015

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

Chair: Baolin Wang, Natural Resources Canada, Ottawa, ON

Past Chair: Lukas Arenson, BGC Engineering Inc., Vancouver, BC

Members: Jean Côté – Laval University, Québec, QC
Ed Hoeve – EBA Engineering Consultants Ltd., Yellowknife, NT
Ryan Phillips – C-CORE, St. John's, NL
Dave Sego – University of Alberta, Edmonton, AB
Jack Seto - BGC Engineering Inc., Edmonton, AB

Section 3: Number of members

Executive members: 7

1st Choice members: 87

2nd Choice members: 234

Comments:

- The Division's membership has had a steady increase since the last two years (66 first choice members for 2012-2013; 71 for 2013-2014 and 87 for the current year). The regional distribution of the first choice members are: AB: 24, BC: 13, MB: 12, NL: 1, NS: 0, NT: 2, ON: 11, QC: 14, SK: 3, YT: 1, International: 5.

Section 4: Division is affiliated with which other organizations

National affiliates and names of CGS representatives (list)

- Canadian National Chapter, International Permafrost Association, represented by Ed Hoeve on the Executive Committee.

North American affiliates and names of CGS representatives (list). none

International affiliates and names of CGS representatives (list)

- International Permafrost Association, represented by Lukas Arenson, Richard Fortier on Permafrost Engineering Interest Group; Lukas Arenson on the International Scientific Committee for the XI International Conference on Permafrost (ICOP 2016), 20-24 June 2015, Potsdam, Germany.

Section 5: Finances

As of (date): July 13, 2015

Balance: \$13,776

Section 6: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015 conference? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

Section 7: Activities (point form)

- There were 5 cold regions papers at the 2014 CGS conference.
- Roger J.E. Brown Award was presented at the 2014 CGS conference to: Isabelle de Grandpré, Daniel Fortier and Eva Stephani.
- The next Roger J.E. Brown Award will be selected in 2016.
- The Division is actively participating in the organization of the 68th CGS Conference and the 7th Canadian Permafrost Conference, Québec City, QU, Sept. 20 - 23, 2015. Nine special topics have been suggested to the local organizing committee for solicitation of papers and to form potential technical sessions. The Division took the lead to contact the potential authors for contribution to the conference. A total of 289 abstracts and 156 manuscripts were received in permafrost science and cold regions engineering. The Division actively participated in the review of the abstracts and the manuscripts.

Engineering Geology Division

Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 14, 2015

Prepared by: Doug Stead

Division Chair: Doug Stead

End of Term of Chair: December 31, 2015

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

Last time your Division's CGS web page was updated: January 2015 – material submitted for posting

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

Chair: Doug Stead, Simon Fraser University, BC

Past Chair: Davide Elmo, University of British Columbia, BC

Vice Chair: Nicholas Vlachopoulos, Royal Military College, Ontario

Secretary: N/A

Members: Stephen Butt, Memorial University, Newfoundland

Ariane Locat, Laval University, Quebec

Karine Champagne, HydroQuebec, Quebec

Anna Torgunrud, Mollard Associates, Saskatchewan

Section 3: Number of members

Executive members: 7

1st Choice members: 120 up by 14 from 2014

2nd Choice members: 307 up by 54 from 2014

Section 4: Division is affiliated with which other organizations

- National affiliates : - Association of Geohazard Professionals, www link added to EGD page - <http://www.geohazardassociation.com/>

- North American affiliates: AEG

- International affiliates: IAEG - CGS representatives (Doug Stead, EGD Chair)

Comments

- The EGD Chair provided a written report to IAEG on Canadian Engineering geology activities in May 2015

Section 5: Finances

As of (June 30, 2015)

Balance: \$8,836.00.

Comments

- Some funding toward publication of an Engineering Geology in Canada Monograph may be considered in 2016

Section 6: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015 conference? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda No

Section 7: Activities

- Dr. Frank Patton was awarded the Thomas Roy Award for 2014 at the CGS annual conference in Regina in September 2014. Dr. Patton has made major contributions to engineering geology, his work spanning the disciplines of rock mechanics and hydrogeology. He is considered internationally as one of Canada's most highly recognized and respected landslide experts. His work on the Vajont slide (with Hendron) remains one of the most important contributions to modern engineering geology. The winner of the 2015 Thomas Roy Award will be announced at GeoQuebec 2015.
- Increased collaboration with the Rock Mechanics Division included hosting joint sessions at the CGS Annual Conference at GeoRegina 2014 with similar sessions planned for GeoQuebec 2015. The Chair of Engineering Geology Division (Doug Stead) was nominated by CARMA and elected as Vice President (North America) of the International Society of Rock Mechanics at the ISRM Congress in Montreal for the period 2015-19.
- Increased collaboration with the CGS Landslides Committee. The Chair of the EGD was a member of the 2015 Schuster Medal selection committee. The Schuster medal will be presented by Dr. Schuster to the Canadian recipient at GeoQuebec 2015.
- During the EGD Executive meeting at GCS Conference in Regina initial plans were discussed for:

- a 1-day Engineering Geology in Canada symposium or short course to be held in conjunction with CGS Vancouver in 2016, It is intended that this involve representatives from Canadian Geological Engineering programs and industry leaders in Engineering Geology. Initial discussions undertaken with the Vancouver organising committee to hold this meeting.
- An Engineering Geology in Canada Monograph; this initiative will be led by the EGD Vice Chair, Nick Vlachopoulos.
- The EGD solicited nominations through CGS Members for the 2014 IAEG Hans Cloos Medal and the Canadian entry for the 2014 IAEG Richards Wolter Medal. Dr. Matthieu Sturzenegger, the Canadian participant in the Richard Wolters Medal competition travelled to Turin, Italy to present his paper.
- The EGD Chair attended the IAEG Board meeting in Turin in September 2014 as the Canadian IAEG representative.
- Dr. Nick Vlachopoulos, EGD Vice Chair became CGS representative on CFES Council
- The EGD web page was updated to include links to further Engineering Geology related societies and to upcoming Engineering Geology events. Links to the IAEG Lecture Series (Prof's Marinos and Crosta) and the 2014 IAEG Conference keynote speaker videos were added to the EGD web page. The EGD Past Chair (Elmo) gave a lecture on Discrete Fracture Networks in Bologna, Italy in June 2015 which will be posted online at the IAEG website.
- The EGD Chair was Co-Chair of the 1st International Discrete Fracture Network Engineering Conference (DFNE 2014) <http://www.dfne2014.ca/> which was held in Vancouver October 19-22, 2014. This conference had over 100 papers and five short courses with attendees from 20 countries. Dr. Davide Elmo, Past Chair of EGD, was also a member of the Conference Local Organizing Committee. Selected papers from the conference will form a special issue of the TAIMM (edited by Elmo and Stead). A second DFNE conference will take place in Seattle.
- The EGD Executive was represented by members on the National and Scientific Technical Committee of the ISRM Congress held in May 2015 in Montreal, the International Organizing Committee of Slope Stability 2015 to be held in Cape Town, South Africa in October 2015 and the Eurock 2016 (Turkey) Scientific Committee.

Geoenvironmental Division

Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 15, 2015

Prepared by: Craig Lake

Division Chair: Craig Lake

End of Term of Chair: December 31, 2017

CGS web page address: http://cgs.ca/division_geoenvironment.php

Last time your Division's CGS web page was updated: Spring 2015

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

Chair: Craig Lake, Professor, Dalhousie University

Past Chair: Myint Win Bo

Vice Chair: Dr Soe Moe Kyaw Win (BGC Engineering)

Section 3: Number of members

Executive members: 2 at the moment

1st Choice members: 119

2nd Choice members: 243

Section 4: Division Affiliations

- Participation of the Geoenvironmental Division in the 14th Global Joint Seminar on Geo-Environmental Engineering, on May 21st—22nd, 2015 at Concordia University, Montreal, Quebec.
- Craig Lake nominated by Catherine Mulligan as a member for TC 215 (Environmental Geotechnics) of the ISSMGE. This should assist in linking the work of the division to the international committee.

Section 5: Finances

As of (June 30, 2015)

Balance: \$ unknown

Section 6: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015 conference? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

Section 7: Activities (point form)

- Promoted several activities related to our members through the CGS website (Kerry Rowe award, GeolInstitute Conference, Geotechnical Directory, Global Joint Seminar on Geo-Environmental Engineering)
- The plan is to have one or two meetings of interested members prior to GeoQuebec to facilitate the in person meeting. Would like to come up with some activities that are of interest to our division members.

Geosynthetics Division
Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: August 2, 2015

Prepared by: Richard Brachman

Division Chair: Richard Brachman

End of Term of Chair: December 31, 2016

CGS web page address: https://www.cgs.ca/division_geosynthetics.php

Last time your Division's CGS web page was updated: 2014

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

Chair: Richard Brachman, Queen's University

Past Chair: Kerry Rowe, Queen's University

Vice Chair: Craig Lake, Dalhousie University (requires replacement as now Chair, Geoenvironmental Div.)

Secretary: None

Section 3: Number of members

Executive members: 3

1st Choice members: 59

2nd Choice members: 237

Section 4: Division is affiliated with which other organizations

North American affiliates and names of CGS representatives

- North American Geosynthetics Society (NAGS); Richard Brachman

International affiliates and names of CGS representatives (list)

- International Geosynthetics Society (IGS); Eric Blond

Section 5: Finances

As of (date): July 1, 2015

Balance: \$ 0

Section 6: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015 conference? Yes.

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No.

Section 7: Activities

- Activity of members:
 - Craig Lake (Dalhousie), Geosynthetics 15 Conference Canadian NAGS member representative
 - Richard Bathurst (RMC), Chair, GeoAmericas 2016 Pan-American Geosynthetics Conference
 - Richard Brachman (Queen's), Vice President, North American Geosynthetics Society
 - Richard Brachman (Queen's), Education Chair, GeoAmericas 2016 Pan-American Geosynthetics Conference
- Webinars: As a new mode of advancing geosynthetics education, we offered two webinars in conjunction with NAGS. NAGS was responsible for all costs and hence received all profits; there was no financial risk to the Division. Division involvement ensured NAGS member pricing for any CGS member (\$100 for NAGS/CGS members vs. \$300 for others).
 - Wednesday July 9, 2014. Mr. Bob Mackey (S2L, Inc.) "Composite Drainage Nets – Design and Testing"
 - Wednesday October 8, 2014. Jonathan Fannin (UBC) "Geofilters".

- 2014 Geosynthetics Award: The Division's Award Selection Committee decided NOT TO GIVE AN AWARD for 2014. All rules of the Award selection criteria were followed. For the record, the Division struck an Award Nomination Committee consisting of Kerry Rowe (Queen's, Chair), Eric Blond (Groupe CTT) and Doug Lowry (Armtec). Richard Brachman provided them with a list of eligible contributions to assist their selection. No nominations were received from CGS members-at-large. Three (3) nominations were provided by the Award Nomination Committee. The Division's Award Selection Committee was comprised of past award winners: Richard Bathurst (RMC), Jonathan Fannin (UBC) and Ian Moore (Queen's). Craig Lake (Dalhousie) served as the non-voting Chair of the Award Selection Committee. Richard Brachman declared a conflict-of-interest with two of the nominees and hence the Vice-Chair of the Division chaired the Selection Committee.
- Proposed that CGS become a supporting organization of Geotechnical Frontiers 2017, an ASCE GI conference.
- Richard Brachman (Queen's) and Richard Bathurst (RMC) proposed a Short-course on Fundamentals of Geosynthetics, to be offered at GeoVancouver.

Section 8: Additional information or comments

News and congratulations to our Division members: At the 10th International Geosynthetics Conference in Berlin held in September, 2014:

- Dr. Richard Bathurst (RMC) presented the very prestigious Giroud Lecture
- Dr. Richard Bathurst (RMC) and Dr. Kerry Rowe (Queen's U) were presented with Service Awards for their outstanding contributions to Geosynthetics as Editors of Geosynthetics International and Geotextiles and Geomembranes, respectively
- Drs Melissa Chappel (AMEC St. John's), Kerry Rowe, Richard Brachman and Andy Take (Queen's U) were presented with the IGS Award for their research contributions on field quantification of wrinkles in geomembranes

At the Geosynthetics 2015 conference held in Portland, February 2015:

- CGS Student member Daniel Jones (PhD Student, Queen's) won the North American Geosynthetics Society (NAGS) Graduate Student Paper Competition. His winning paper "Hydration of Geosynthetic Clay Liners for use in Antarctica", co-written by Dr. Kerry Rowe and Dr. Rebecca McWatters was presented."

Groundwater Division

Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 15, 2015

Prepared by: Frank Magdich

Division Chair: Frank Magdich

End of Term of Chair: Dec. 31, 2017

CGS web page address: http://www.cgs.ca/division_groundwater.php?lang=en

Last time your Division's CGS website was updated: January 2015

Division does not have a separate website. Contact e-mail is groundwater@cgs.ca

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

Chair: Frank Magdich, Oak Environmental Inc., Calgary

Past Chair: Tia Wong, SAIT Polytechnic, Calgary

Vice Chair: vacant

IAH Liaison: Grant Ferguson – University of Saskatchewan, Saskatoon

Section 3: Number of members

Executive members: 3

1st Choice members: 35

2nd Choice members: 162

Section 4: Division is affiliated with which other organizations

(Admin Manual Section 6 and App 10 and 26)

National affiliates

The GWD is affiliated with the Canadian National Chapter of the International Association of Hydrogeologists (IAH-CNC). The GWD chair is a non-voting member of the Executive of the IAH-CNC and, likewise, the chair of the IAH-CNC is a non-voting member of the Executive Committee of the GWD. The principal joint activity of the

GWD and the IAH-CNC has often been the previous organization of Joint CGS and IAH-CNC Conference. In the near future there will be a joint CGS and IAH-CNC Conference in 2017 in Ottawa. The CGS shares the Robert N. Farvolden Award with the IAH-CNC which involves the review and selection of the Farvolden Award winner.

Section 5: Finances (Admin Manual App 22, Attach 3)

As of June 30, 2015

Balance: \$ 0.00

Comments

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

Section 6: Activities

- The Groundwater Division of CGS has the mandate to promote and facilitate the advancement, exchange and transfer of knowledge, skills and experience in the field of hydrogeology for the benefit of CGS members and the geotechnical and geoenvironmental professions.
- A specific goal currently for the division is to achieve better liaison and cooperation with IAH/CNC. To this end, a draft version of an affiliation agreement has been sent to Grant Ferguson (IAH-CNC president) for input. It is anticipated to have a signed agreement by end of year.
- The past Chair, Tai Wong, began the process to organize a "Western or Alberta" Symposium on Groundwater Control for Construction. The thought is possibly to widen scope to include "for Construction and Remediation". This may draw interest from environmental or groundwater consultants. There has been continued preliminary discussions about this event being organized for 2016 or 2017 in Calgary.
- The division chair, Frank Magdich, will work to continue the efforts for close affiliation with IAH-CNC.
- The GWD has been in contact with the IAH-CNC with regards to selecting the 2015 Robert N. Farvolden Award. The selection committee has finalized a winner and is in the process of contacting them.

Rock Mechanics Division Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: August 21, 2015

Prepared by: Sam Proskin

Division Chair: Sam Proskin

End of Term of Chair: December 31, 2017

CGS web page address: https://www.cgs.ca/division_rock_mechanics.php

Last time your Division's CGS web page was updated: February 2015

If the Division has a separate website please provide address: CARMA's website <http://www.carma-rocks.ca>

Is there a link to the CGS website? Yes

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

Chair: Sam Proskin, Thurber Engineering Ltd.

Past Chair: Jim Hazzard, ITASCA Consulting Group

Members

Chris Hawkes, University of Saskatchewan

Thomas Lardner, University of Western Ontario

Silvana Micic, EXP

Derek Kinakin, BGC Engineering

Marc-Andre Brideau, BGC Engineering

Jordan Severin, SRK

Ehsan Ghazvinian, Queen's University

Chrysothemis Paraskevopoulou, Queen's University

Andy Corkum, BGC Engineering

Veronique Boivin, EXP

Section 3: Number of members as of August 21, 2015

Executive members: 2+8

1st Choice members: 99

2nd Choice members: 263

Section 4: Division is affiliated with which other organizations

(Admin Manual Section 6 and App 10 and 26)

National affiliates: CARMA for the Rock Mechanics Division

CGS representatives

- Sam Proskin
- Jim Hazzard

North American affiliates (e.g. AEG for the Engineering Geology Division) and names of CGS representatives (list)

- John Tinucci (USA) for 2015
- Doug Stead (Canada) for 2016

International affiliates (e.g. IGS for the Geosynthetics Division) and names of CGS representatives (list)

- Ferri Hassani—CARMA's representative

Comments (point form)

- Doug Stead is giving a keynote lecture at Eurock 2016-the August 2016 ISRM International Symposium, Turkey

Section 5: Finances—CARMA administered finances

As of (May 29, 2015)

Balance: \$61,325.51 (through CARMA, not CGS)

Comments (point form)

- Grant of \$5000 to ISRM Montreal 2015
- Loan of \$5000 to ISRM Montreal 2015
- Grant for supporting qualified students attending ISRM Montreal 2015

Section 6: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015 conference? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda?

- Coordinating membership CGS-RMD renewals with CARMA and ISRM

Section 7: Activities (point form)

- Hani Mitri is the 2015 recipient of the John. A. Franklin Award
- CARMA hosted the ISRM meeting in Montreal, May 2015
- At GeoRegina held a joint technical sessions with the Engineering Geology Division
- Requested a joint technical session with the Engineering Geology Division at GeoQuebec 2015
- Thanks to the University of Alberta for scanning missing sets of rock mechanics proceedings (e.g., 4th, 5th, 7th, 10th, 15th and 16th Rock Mechanics Symposia). The proceedings with publisher's permission will be uploaded to the CARMA website where they will be available to RMD members.
- Conference call meeting June 2015

Section 8: Additional information or comments

2015 JA Franklin Award will be going to Hani Mitri, Eng., Ph.D., FCIM, Professor and Director of Mining, Department of Mining and Materials Engineering, McGill University. Hani's particular emphasis on fault slip mechanics in an underground mining setting is an important contribution to the rock engineering community's ability to mine safely at depth.

The 2015 Award Committee was composed of Jean Hutchinson, Pete Stacy and R. Paul Young (all previous recipients of the JA Franklin Award).

ISRM Montreal, May 10, 2015 Meeting

ISRM council met in Montreal in conjunction with the 13th ISRM International Congress on Rock Mechanics organized by the Canadian ISRM National Group. Congratulations to Ferri Hassani, General Chair, and his team for their hard work that led to a successful conference.

Soil Mechanics and Foundations Division Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Name of CGS Division:

Date of report: July 1, 2015

Prepared by: Alex Baumgard, Chair

Division Chair: Alex Baumgard

End of Term of Chair: Dec 31, 2016

CGS web page address: http://cgs.ca/division_soil_mechanics.php

Last time your Division's CGS web page was updated: May 2015

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

Chair: Alex Baumgard, BGC Engineering Inc. [abaumgard@bgcengineering.ca]

Past Chair: Bipul Hawlader, Memorial University of Newfoundland, St. John's.
[bipul@mun.ca]

Members:

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

Denis LeBoeuf, Université Laval, Québec. [denis.leboeuf@gci.ulaval.ca]

Dipanjan Basu, University of Waterloo, Ontario. [dipanjan.basu@uwaterloo.ca]

John Sobkowitz, Thurber Engineering Ltd., Calgary. [jsobkowitz@thurber.ca]

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

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

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

Roger Skirrow, Alberta Infrastructure and Transportation, Edmonton.

[Roger.Skirrow@gov.ab.ca]

Sean Hinchberger, Hatch Engineering, London. [shinchberger@hatch.ca]

Section 3: Number of members

Executive members: 11

1st Choice members: 681

2nd Choice members: 221

Section 4: Division is affiliated with which other organizations

(Admin Manual Section 6 and App 10 and 26)

- The Soil Mechanics and Foundations Division is affiliated with the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE).

Section 5: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015 conference? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda?

- Who has been appointed as Editor for the next version of the Foundations Manual?
- When is the next edition of the CFEM tentatively proposed for release?

Section 6: Activities (point form)

- 2014 G.G. Meyerhof Award was awarded to Alan Macnab for his dedication to advancing industry's understanding of foundation design including the application of drilled shafts and excavation shoring. The award was presented at the GeoRegina 2014 Conference.
- Annual meeting was held at the GeoRegina 2014 Conference – Tuesday, September 30, 2014.
 - Despite large membership, small number of attendees to annual meeting (Division Chair, 1 member of Executive, 5 other members).
 - In order to improve attendance at SMFD meetings a few ideas were presented including:
 - Suggestion to send an email to SMFD members reminding of the meeting 1-week prior to the conference.
 - Considering putting on a brief CGS supported 1-day or 2-day short course prior to the conference or immediately after on a topic related to SMFD (e.g. critical state soil mechanics, pile design) and holding the meeting during the lunch break of the short course.
 - There was a free format discussion on the role of SMFD and how the division can serve better. Discussion was revisited from the previous 2013 meeting on how senior members in organizations, be they from industry, consulting or academia, when these members travel to various regions away from their local

section, the members should consider contacting the visited regional section and offer to make a technical or non-technical presentation.

- The idea of a Site Investigation Manual as either an appendix or independent document to the Foundation Engineering Manual was raised. This manual would have an audience geared more towards field personnel and appropriate sampling and testing techniques rather than the Foundation Engineering Manual's analysis and design.

Section 8: Additional information or comments

- The possibility of adding one or two short courses related to Soil Mechanics or Foundations Engineering is being explored for in conjunction with the CGS Conference in Vancouver in 2016. Discussions are underway with members of the technical committee of GeoVancouver 2016.

Education Committee Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: June 30, 2015

Prepared by: Jinyuan Liu

Committee Chair: Jinyuan Liu

CGS web page address: http://www.cgs.ca/committee_education.php?lang=en

Last time your Committee's CGS web page was updated: January 31, 2015

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

Chair: Jinyuan Liu, Ryerson University

Past Chair: Greg Siemens, Royal Military College of Canada

Other Members: Sumi Siddiqua, Administrator Student Competitions, UBC- Okanagan

Paul Simms – Chair CFG Fellowship Selection, Carleton University

Ariane Locat, Laval University

Nicholas Vlachopoulos, Royal Military College of Canada

Tareq Salloum, Ontario Power Generation

Section 3: Number of members

Executive members: 7

Section 4: Committee is affiliated with which other organizations

National affiliates (e.g. CIM for the Mining Geotechnique Committee) and names of CGS representatives (list): none

North American affiliates and names of CGS representatives (list): none

International affiliates (e.g. ISSMGE TC306 for the Education Committee) and names of CGS representatives (list): none

Section 5: Finances

As of (June 30, 2015)

Balance: \$18,622.24 (as per information provided by Dharma Wijewickreme, CGS VP Finance)

Section 6: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015 conference? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

Section 7: Activities

CGS 2015 Student Award Competitions

A total of 13 submissions were received including: 7 Graduate Presentations, 4 Undergraduate Group Reports and 2 Undergraduate Individual Reports. The 2015 CGS Student Award Competition winners are:

Rank	Name of Student	University	Department	Title of Report
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Undergraduate Report Award (Individual)

1	Helena Diao	University of Waterloo	Civil & Environmental Engineering	Evaluating methods for assessing rotational stability of surface rock wedges
2	Brian Wazney	University of Manitoba	Civil Engineering	Review and application of limit states design (LSD) for Winnipeg riverbanks

Undergraduate Report Award (Group)

1	Kate Briscoe, Kate Thompson, Gordon Goode, Kirandeep Dhillon	Queen's University	Civil Engineering	Tailings management facility design final report
2	Gavin Black, Savanna Herman, Shammai Ugalino, Aron Zahradka	University of British Columbia (Vancouver)	Earth, Ocean & Atmospheric Science	Tunnel versus rock cut design option analysis

Graduate Student Presentation Award

1	Amy Rentz	Queen's University	Civil Engineering	Field performance of exposed geosynthetic composite liner systems: Down-slope bentonite erosion from a geosynthetic clay liner (GCL)
2	Eliza Rozina	Carlton University	Civil and Environmental Engineering	Dewatering in laboratory simulation of a multilayer deposit of in-line flocculated mature fine tailings

Information provided by Sumi Siddiqua, 2013 to 2015 Administrator of the Student Award Competitions

5th cYGEgc

The 5th Canadian Young Geotechnical Engineers and Geoscientists Conference will be held between September 29 and October 1, 2016 in Whistler, BC, preceding the GeoVancouver 2016. The conference organizing committee, organized under the auspices of the CGS Education Committee, involves 10 young engineers and geoscientists from private practice and universities from all across Canada. The members are as follows:

Name	Position	Affiliation
Julian McGreevy	Chair	BGC Engineering Inc.
Maraika De Groot	Co-Chair	BGC Engineering Inc.
Jenna Bowling	Treasurer	Golder Associates
Doyin Adesokan	Position to be determined	University of Saskatchewan
Vincent Castonguay	Position to be determined	Université Laval
Meredith Kealty	Position to be determined	Klohn Crippen Berger
Carie-Ann Lau	Position to be determined	Simon Fraser University
Shuihan Li	Position to be determined	Ryerson University
Erik Stevenson	Position to be determined	Thurber Engineering Ltd.
Rebecca Turley	Position to be determined	BGC Engineering Inc.

The 5th cYGEgc will seek to provide a welcoming venue for young geotechnical engineers and geoscientists to network and to share their technical experience with their peers. It will further seek to support the development of young engineers and geoscientists in Canada by providing opportunities for young engineers and geoscientists to:

- Prepare and present technical presentations,
- Learn from keynotes speeches by senior engineers and geoscientists, and to
- Visit geotechnical and geoscience projects local to Vancouver during the technical tour.

The organizing committee will be working to build off of the successes of the 4th cYGEgc conference held in 2013. Towards this goal, the organizing committee aims to increase the conference attendance to >30 young engineers and geoscientists who attended the 4th cYGEgc.

The conference is at the early stages of planning and a budget is currently in the process of being prepared. A financial update will be provided to the CGS once the budget has been prepared. (Information provided by Julian McGreevy, 5th cYGEgc co-Chair)

Michael Bozozuk Canadian Foundation for Geotechnique National Graduate Scholarship

The Michael Bozozuk Canadian Foundation for Geotechnique National Graduate Scholarship, valued at C\$5,000, was established by the Canadian Foundation for Geotechnique in 2007 on the occasion of the 60th Canadian Geotechnical Conference. CGS Education Committee administers the selection of scholarship awardee.

There were 8 strong candidates, including 6 PhD candidates for 2015. The selection committee this year was Paul Simms (Carleton), Murray Grabinsky (University of Toronto), Mamadou Fall (Universite d'Ottawa), David Elwood (University of Saskatchewan), and Rodney McAfee (C-Core, Saint-John's Newfoundland). The committee's recommendation was passed to CFG President Dennis Becker on June 26. (Information provided by Paul Simms, Chair, Selection Committee).

GeoPardy

Following the successful GeoPardy events sponsored by Golder Associates at GeoToronto 2011, GeoWinnipeg 2012, GeoMontreal 2013, and GeoRegina2014, the committee has confirmed that the sponsor will continue this event for GeoQuebec 2015.

Young Geotechnical Engineers Socials, GeoQuebec 2015

The committee is considering sponsoring social events for young professionals and students during GeoQuebec 2015 conference. The venue and details are being finalized by Ariane Locat and Vincent Castonguay.

There are two planned activities: the "Post Ice Breaker" and the "Old Québec Gathering". The two activities will be opportunities gather, share experiences and network.

The Post Ice Breaker will be held after the Ice Breaker (Sunday night, September 20, 2015) at 8:00 pm. It is proposed to hold the event at L'Inox, a pub situated five minutes' walk from the conference hotel. A beer (or equivalent) and a European hot-dog will probably be offered to every participant.

The Old Québec Gathering will be held on Monday, September 21, 2015, during the CGS Annual Banquet. The activity targets students who do not wish to attend the Banquet. Three different bars/pubs located on Saint-Jean Street will be visited. Throughout the night, two beers (or equivalent) will probably be offered to each participant.

The Proposed budget for these events is as follows:

	Pessimistic	Average	Optimistic
Post Ice Breaker			
Total	\$225.50	\$450	\$750
Old Quebec Gathering			
Total	\$180	\$360	\$600
TOTAL	\$405.50	\$810.00	\$1350.00

Web page

The committee web page was set up in January 2015.

Heritage Committee Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 10, 2015

Prepared by: J. Suzanne Powell and David Cruden

Committee Chair: J. Suzanne Powell, January – June 2015, D. Cruden, June 2015

End of Term of Chair: December 2017

CGS web page address: http://cgs.ca/heritage_committee.php?lang=en

Last time your Committee's CGS web page was updated: September 2014

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

Chairs: David Cruden, University of Alberta, J. Suzanne Powell – Thurber Engineering Ltd.

Past Chairs: Mustapha Zergoun – Thurber Engineering Ltd.
Jim Graham – University of Manitoba

Add others (active members) Fred Matich
Mahidi Taiebat
Jacques Locat- Laval
Suzanne Lacasse- NGI
Heinrich Heinz - Thurber Engineering Ltd.
Angela Küpper – BGC Engineering
Andrea Loughheed - Thurber Engineering Ltd.

Section 3: Number of members

Executive members: Currently 3 with 2 openings to be filled.

Total members: Seven. Five people attended the annual meeting at GeoRegina 2014 and there are a number of people (10-15) who have expressed interest in being part of the committee over the last year.

We would like to encourage 'heritage enthusiasts' in each of the society's local sections, divisions and committees

Section 4: Committee is affiliated with which other organizations

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

- Engineering Institute of Canada - The History and Archives Committee

North American affiliates and names of CGS representatives (list): None

International affiliates (e.g. ISSMGE TC306 for the Education Committee) and names of CGS representatives (list): None

Section 5: Finances (admin Manual App 22, Attach 3)

As of June 30, 2015):

Balance: \$0

Section 6: Activities (on-going)

- Jim Graham continues to promote and update the "Lives Lived" (Memorial/Obituary) section of the CGS Heritage web page.
- We are working on documents to be added to the CGS Heritage web page in the coming months :
- Fred Matich is in the progress of writing an article on the early work on oil sands development. Following approval from Syncrude, we hope to add this article to the CGS Heritage web page.
- Suzanne Powell is contacting local sections to request articles on their history for future publication and to add to the CGS Heritage web page.
- Dave Cruden announced the recent publication by the Edmonton Geological Society of the book "John Allan: The Founding of Alberta's Energy Industries" by Willem Langenberg and Dave Cruden. Dave will enquire with the publishers about the possibility of adding some of the images from the book to the CGS Heritage web page.
- Ian Moore is to provide the first edition of the Canadian Geotechnical Journal, which will be added to the CGS Heritage web page.
- Mahdi Taiebat is to enquire about short articles of historical nature on geomechanics and numerical analysis in Canada.
- Jacques Locat is to enquire about photographs and documents regarding the flow slide at St Jean-Vianney, Quebec, in 1971.
- Suzanne Lacasse is to provide links on the CGS web page for Canadian projects that are part of the Norwegian Geotechnical Institute digital database.

Section 7: Additional information or comments

As incoming chair, Dave Cruden would like to reconnect with those people who have previously expressed interest in the Heritage Committee to renew their interest and follow up on the status of previously assigned activities.

We plan to increase communication among members prior to meeting at GeoQuebec 2015 in September.

Landslides Committee

Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: July 18, 2015

Prepared by: Michael Porter

Committee Chair: Michael Porter

End of Term of Chair: December 2016

CGS web page address: http://www.cgs.ca/landslides_committee.php?lang=en

Last time your Committee's CGS web page was updated: Fall 2014

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

Chair: Michael Porter (BGC Engineering Inc.)

Past Chair: Corey Froese (Alberta Geological Survey)

Vice Chair: Scott McDougall (BGC Engineering Inc.)

Section 3: Number of members

Executive members: 2

Total members: 9

Members: Michael Porter, Scott McDougall, Dave Gauthier, Pete Quinn, Oldrich Hungr, Erik Eberhardt, Dave Cruden, Stephen Evans, Ariane Locat

Section 4: Committee is affiliated with which other organizations

National affiliates (e.g. CIM for the Mining Geotechnique Committee) and names of CGS representatives: none

North American affiliates and names of CGS representatives: none

International affiliates (e.g. ISSMGE TC306 for the Education Committee) and names of CGS representatives (list): none

Comments (point form)

- The CGS Landslide Committee collaborates with the CGS Engineering Geology Division and the CGS Transportation Committee; and the US Association of Engineering and Environmental Geologists (AEG) to award the Schuster Medal
- The CGS Landslide Committee executive members have entered into some very preliminary discussions with AEG about supporting a 3rd North American Symposium on Landslides (NASL) that could potentially be held in 2017 in the eastern USA

Section 5: Finances

As of (June 30, 2015)

Balance: \$0

Comments (point form)

- The CGS Landslide Committee currently does not have a dedicated budget. In the past it loaned \$35,000 proceeds from the International Landslide Risk Conference in Vancouver in 2005 to the Canadian Foundation for Géotechnique. Prior to the 2012 International Landslide Conference in Banff, the Landslide Committee called \$10,000 of its loan from the Foundation and used it as seed money for the conference. Net profit from the 2012 Banff Conference amounted to roughly \$30,000 (\$20,000 + the \$10,000 seed money), and that money was put in a "Landslide Committee Reserve Fund" within the general CGS accounts. In email exchange between the CGS Landslide Committee and CGS Executive between October 2014 and February 2015, the CGS Landslide Committee and CGS Executive came to the following agreement:
 - (i) The sum of \$10K that was recalled from the Canadian Foundation for Géotechnique (CFG) to serve as seed money 2012 Banff International Landslide Conference was to be returned to the Foundation;
 - (ii) The remaining ~\$20K was to be placed in a general non-reserve CGS account.
- Could we receive confirmation that the \$10,000 seed money that was recalled from the Canadian Foundation for Geotechnique (CFG) to serve as seed money 2012 Banff International Landslide Conference was to be returned to the Foundation?
- In a letter from the CGS Landslide Committee to the CGS Executive dated June 2, 2015, the Landslide Committee requested that CGS provide \$5,000 of financial support to the Geological Survey of Canada to aid in publication of the Canadian Technical Guidelines on Landslides. The CGS Executive agreed to support this initiative. As support will come from CGS general reserves, this initiative has no impact on the Landslide Committee's finances.

Section 6: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015 conference? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda?

- If future versions of the Geotechnical Manual are to be published online, could the next update include links to useful technical practice guidelines, including the Canadian Technical Guidelines on Landslides, APEGBC's guidelines on legislated assessments for Landslides and Floods, and Alberta's draft guidelines on flood hazard assessment? Or is there another national venue that CGS and the Landslide Committee could support, that could help to make these useful provincial and national guidelines more accessible to CGS members and to members of other national and international organizations?

Section 7: Activities (point form)

- Landslide Committee members participated in the review of technical papers for GeoRegina 2014.
- Landslide Committee members attended the GeoRegina 2014, presented papers, chaired sessions, and held a committee meeting. The possibility of hosting another international landslide conference in the next 3-5 years was discussed, and it was agreed that, due to the number of landslide conferences being held, another specialty conference on geohazards (i.e. a 7th Canadian Geohazards Conference) might make more sense.
- The Landslide Committee CGS website was updated with updated links to the Canadian technical guidelines on landslides.
- The Chair of the Landslide Committee, in collaboration with the Chair of the Engineering Geology Division (Doug Stead) and Chair of the Transportation Division (Roger Skirrow) worked with AEG members to identify nominations for the 2015 Schuster Medal. The 2015 awardee is Dr. David Cruden, to be announced at GeoQuebec 2015.
- The Landslide Committee wrote a letter of support to CGS to provide \$5,000 financial support to the Geological Survey of Canada to publish the Canadian Technical Guidelines on Landslides
- The CGS Landslide Committee executive members have entered into some very preliminary discussions with AEG about supporting a 3rd North American Symposium on Landslides (NASL) that could potentially be held in 2017 in the eastern USA
- Landslide Committee members coordinated and participated in the review of technical papers on landslides for GeoQuebec 2015.

Mining Geotechnique Committee Annual Report - July 1, 2014 to June 30, 2015

The Technical Committee on Mining Geotechnique was created in October 2011. The Executive Committee for the current period consists of the following CGS members: Paul Simms (Chair), Michel Aubertin (Past-Chair), Bruno Bussière, Murray Grabinsky, and Ward Wilson.

GeoRegina 2014 and GeoQuebec 2015

The committee had a very successful participation at GeoRegina 2014, with 6 or 7 of the sessions being dedicated to Mining Geotechnique. The committee's executive participated quite heavily in the review process for these sessions.

Some of our executives assisted the GeoQuebec 2015 technical committee with the review of abstracts and papers. It appears that several sessions may be dedicated to Mining Geotechnique at the conference, though many mining themed papers fall into the permafrost side of the conference.

At the committee meeting GeoRegina 2014, several ideas were discussed on how to broaden the contribution of the committee to CGS beyond the yearly participation in the conference.

One idea was to initiate a student-oriented event to facilitate networking between students and professionals. A number of students from several universities have been working on a proposal to have a short meeting at GeoQuebec 2015 along these lines. The intent of the meeting is not to detract from student participation in the technical sessions at the conference. GeoQuebec has agreed to supply us with room, and we are currently soliciting participation in this event.

Activities of members

Our members remain quite active at various conferences and events both nationally and internationally.

- The Biannual International Oil Sands Tailings Conference in Lake Louise in early December, hosted by the University of Alberta, was the most successful of this conference series, and included participation by CGS members from across the country.
 - The 2014 Quebec Mines conference was held in November at Quebec City. Sessions were organized on topics related to mine site reclamation and mining environment. CGS members were actively involved in the organization of these sessions.
 - The 5th Symposium on Mines and the Environment, organized by CIM and by RIME UQAT-Polytechnique, was held at Rouyn-Noranda mid-June 2015. More than 340 attendees participated to the conference including more than 80 students. Three short courses, a trade show, four site visits and a plenary session on the challenge of low grade high tonnage mines were also organized.
 - Canadian consultants and academics continue to participate in international conferences such as Paste 2015 and Tailings 2015.
 - Academics in Canada continue to undertake strong research collaborations with industry across the country. Notable examples include Ward Wilson's NSERC Industrial Chair at the University of Alberta, and the TERRE-CREATE program, which fosters industry collaboration in student education specifically in mining related areas, which is participated in by a number of Canadian as well as international universities.
- Suffice to say, mining remains a strong driver of geotechnical research across the country.

Affiliations and relationships with Other Organizations

Discussions are being pursued to establish closer ties with other organizations that are active in mining geotechnique. In early 2014, a specific link was established with the Canadian Dam Association (CDA) under Michel Aubertin's initiative, in collaboration with Andy Small; it involves the review of the recent update on the Mining Dams Guidelines.

Other initiatives to create closer ties with the Canadian Institute of Mining, Metallurgy and Petroleum (CIM), and the Mining Association of Canada (MAC) are ongoing.

Several of our international colleagues have expressed interest in the activities of the committee. We will encourage them to participate though joining CGS and participating at the yearly conferences.

Professional Practice Committee Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Name of CGS Committee: Professional Practice Committee

Date of report: July 7, 2015

Prepared by: J. Suzanne Powell

Committee Chair: J. Suzanne Powell

End of Term of Chair: 2017

CGS web page address: http://www.cgs.ca/committees_professional_practice.php?lang=en

Last time your Committee's CGS web page was updated: 2013

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

Chair: J. Suzanne Powell

Past Chair: Kent Bannister

Members: Roger Skirrow, Bob Patrick, James Blatz, Rodney McAfee, Pierre Boulanger, Yves Cormier

Section 3: Number of members

Executive members: 8

Total members: 8

Comments (point form): continuing to look for new members to join and participate

Section 4: Committee is affiliated with which other organizations

National affiliates (e.g. CIM for the Mining Geotechnique Committee) and names of CGS representatives (list): none

North American affiliates and names of CGS representatives (list): none

International affiliates (e.g. ISSMGE TC306 for the Education Committee) and names of CGS representatives (list): none

Section 5: Finances

As of (June 30, 2015)

Balance: \$0

Comments (point form): the professional practice committee does not have an operating budget.

Section 6: Annual Conference / Board of Directors Meeting

Are you planning to attend the GeoQuebec 2015 conference? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda?

- Discussion of EOR for Tailings Dams and the role of CGS and the Professional Practice Committee.

Section 7: Activities (point form)

- Organized one specialty session at GeoRegina 2014 (Finding Common Ground: Are Ethical and Legal Obligations the Same?). The presentation was given by Neil Abbot a lawyer with Gowlings.
- Two specialty session slots for GeoQuebec 2015. (details to be worked out in the coming weeks)
 - Neil Abbot was interested but able to present due to conflict with Yom Kipper holiday. We do have him penciled in for the GeoVancouver 2016.
 - One session will be on the Charbonneau Commission by Stephane Bilodeau
 - Another session by XL Catlin on limiting professional liability or related
- Conference calls were held: March 4, 2015, April 1, 2015 and June 26, 2015

Sustainable Geotechniques Committee Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: 31 July 2015

Prepared by / Committee Chair: Tim Newson

End of Term of Chair: 2017

CGS web page address: http://www.cgs.ca/committee_sustainable.php?lang=en

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

Chair:	Tim Newson (University of Western Ontario)
Past Chair:	N/A
Vice Chair:	Dipanjana Basu (University of Waterloo)
Secretary:	TBD
Members	Bipul Hawlader (Memorial University of Newfoundland) Catherine Mulligan (Concordia University) Craig Lake (Dalhousie University) Ernest Yanful (University of Western Ontario) Ian Fleming (University of Saskatchewan) Jit Sharma (York University) Lukas Arenson (BGC Consultants) Roger Skirrow (Alberta Transportation) Sean Hinchberger (Hatch Energy) Stan Gonsalves (Exp)

Section 3: Number of members

Executive members: 12

Section 4: Committee is affiliated with which other organizations: none

Section 5: Finances

As of (date): 31 July 2015

Balance: \$0

Section 6: Activities (point form)

- Conference support (paper reviews etc.) GeoQuebec 2015
- Short course presentations
- Website development
- Develop scope and activities for next few years
- Contact divisions, sections and committees for input
- Seek contact with equivalent committees in ASCE and ISSMGE

Section 7: Additional information or comments

- New committee as of 1st January 2015
- Proposed activities still to be ratified by Executive Committee

Transportation Geotechnique Committee Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: August 20, 2015

Prepared by: Roger Skirrow

Committee Chair: Roger Skirrow

End of Term of Chair: 2015

CGS web page address: http://www.cgs.ca/transportation_committee.php?lang=en

Last time your Committee's CGS web page was updated: Fall 2014

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

Chair: Roger Skirrow, Alberta Transportation

Past Chair: Tim Keegan, Kohn Crippen Berger

Vice Chair: Mario Ruel, CN Rail

Secretary: Don Lewycky, City of Edmonton

Section 3: Number of members

Executive members: 4

Total members: 35

Comments (point form): 10 active members

Section 4: Committee is affiliated with which other organizations

National affiliates and names of CGS representatives (list)

- Transportation Association of Canada (TAC) – Roger Skirrow
- Rail Ground Hazard Research Project (RGHRP) – Tom Edwards, Chris Bunce, Roger Skirrow, Tim Keegan, Jean Hutchinson, Mario Ruel

North American affiliates and names of CGS representatives (list): none

International affiliates (e.g. ISSMGE TC306 for the Education Committee) and names of CGS representatives (list)

- ISSMGE-TC202 Transportation Geotechnics – no representative

Section 5: Finances (admin Manual App 22, Attach 3)

As of: August 20, 2015

Balance: \$0

Section 6: Activities (point form)

- Several discussions were held between CGS TC and the Soils and Materials Standing Committee of TAC.
- As a result of these discussions CGS has representation on the Steering Committee for the development of *Guidelines for Design, Construction and Operations of MSE Structures*. CGS TC members are being engaged in the project survey and will be further involved during the project development.
- A formal MOU with TAC SMSC has been discussed but not firmed up. In the interim CGS TC members will be surveyed for geotechnical topics of national interest that TAC could bring forward as standards, guidelines or specifications document.
- Several CGS TC members are key players in the RGHRP and are undertaking a broad spectrum on research projects, and developing a set of guidelines for rail ground hazard management.
- Several RGHRP and transportation related abstracts were submitted to GeoQuebec 2015.

Geotechnical Research Board Report

Annual Report - July 1, 2014 to June 30, 2015

Section 1: General

Date of report: August 19, 2015

Prepared by: Murray Grabinsky

Chair: Murray Grabinsky

End of Term: 2016

CGS web page: The role of the GRB is described in the Admin Manual, but requires undating

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

Chair: Murray Grabinsky, University of Toronto

Past Chair: Jean Côté, Université Laval

The recent membership history is indicated below:

Name	2011	2012	2013	2014	2015	2016
Dieter Stolle, McMaster University	Past Chair	Past Chair				
James Blatz, University of Manitoba	Chair	Chair	Past Chair			
Myint Win Bo, DST (Thunder Bay)						
Jean Côté, Université Laval			Chair	Past Chair	Past Chair	Past Chair
Mamadou Fall, University of Ottawa						
Ian Fleming, University of Saskatchewan						
Murray Grabinsky, University of Toronto				Chair	Chair	Chair
Jocelyn Grozic, University of Calgary						
Kevin Jones, EBA (Edmonton)						
Catherine Mulligan, Concordia University			CGS Exec	CGS Exec		
Marc Smith, Hydro Quebec						
Arun Valsangkar, University of New Brunswick						
Dharma Wijewickreme, University of British Columbia			CGS Exec	CGS Exec		
Tai Wong, SAIT Polytechnic						

First 3-year term

Second 3-year term

Section 3: List of Activities

- A major new initiative this year was the GRB's assistance to the President in preparing a '2014 Annual Performance Review' submitted to the National Research Council, in order to help receive the NRC's financial subsidy for the CGS's national membership fee to the ISSMGE

Section 4: 2016 Colloquium Selection

- The selection committee reviewed two strong submissions and made a selection for the 2016 Colloquium Speaker (name to be announced at GeoQuebec 2015)

Section 5: Annual Conference / Board of Directors Meeting

The GRB Chair, Murray Grabinsky, plans to attend the BOD meeting at GeoQuebec 2015; no specific agenda items are suggested

Section 6: Additional information or comments

The committee membership is in need of renewal and this will be discussed with the VP Technical, the Executive Director and others at GeoQuebec 2015.

During 2014, a total of 556 manuscripts were received (474 were received in 2013), with 124 published (107 articles; 9 notes; 3 discussions with 3 replies, and 2 Corrigenda). Acceptance rate was 22% (it was 27% in 2013). The Thomson Reuters' impact factor, an imperfect though widely used measure of journal quality, increased from 1.206 to 1.332 between 2013 and 2014 and has increased steadily over the past eight years, rising from 0.358 (see Figure 1). Elsevier's 2014 SCImago Journal Rank, a measure of influence and prestige, ranked CGJ as 7th among 154 geotechnical and engineering geology journals (behind *Géotechnique*, *Earthquake Engineering and Structural Dynamics*, the *Journal of Geotechnical and Geoenvironmental Engineering*, *Computers and Geotechnics*, *Geotextiles and Geomembranes*, and *Geosynthetics International*, but ahead of many other highly regarded journals). SCImago continues to rank the CGJ as the second of all 297 journals published in Canada, behind only *The Journal of Psychiatry and Neuroscience*. Of course, these values vary from year to year, and we need to continue our efforts to maintain the journal's high rankings.

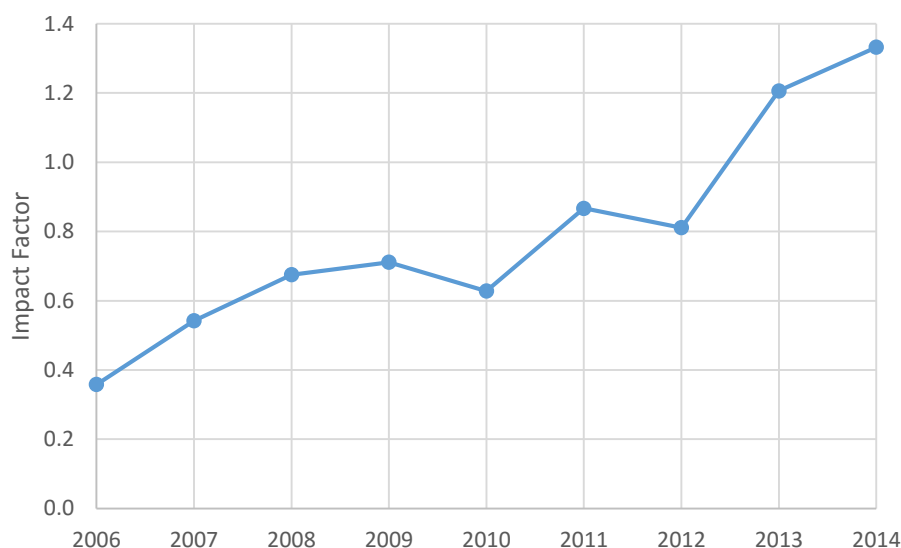


Figure 1. Impact factors between 2006 and 2014.

As usual, there has been some turnover on the Editorial Board and the current 39 Associate Editors are David Airey, Storer Boone, Lis Bowman, Olivier Buzzi, Jean Côté, Jin Chun Chai, Yu-Jun Cui, Hesham El Naggar, Kevin Gavin, Rajah Gnanendran, Susan Gourvenec, Jocelyn Grozic, Peijun Guo, Bipul Hawlader, Buddhima Indraratna, George Kouretzis, Craig Lake, Richard Merrifield, Hani Mitri, John Molson, David Muir Wood, Charles Ng, Jin Ooi, James Oswell, Ennio Palmeira, Ryan Phillips, Kok Kwang Phoon, Kerry Rowe, Tom Schanz, Charles Shackelford, Jitendra Sharma, Greg Siemens, Paul Simms, Andy Take, Dwayne Tannant, Snehasis Tripathy, Richard Wan, Dharma Wijewickreme, and Ming Xu (19 Canadians and 20 other members from Australia, Brazil, China, France, Germany, Hong Kong, Ireland, Japan, Singapore, the UK, and the USA). We thank all of the Associate Editors for their hard work and dedication. Special thanks to Scott Olson and Jian-Hua Yin who have completed their terms.

At the time of writing this report the number of submissions is somewhat above those received in 2014: 312 by July 1 so 620 are projected for 2015. Given a significant backlog of manuscripts waiting to be published, the two editors are working to reduce further the percentage of papers being accepted and are looking at methods to increase the acceptance rate. The CGJ published an excellent special issue in December of 2014 – a thematic issue on unsaturated soils recognizing the outstanding contributions on this topic over the first fifty years of the journal. There are two other special issues in development, the idea being to publish one each year.

We have continued our 'Editor's Choice' initiative with 12 articles chosen during the course of the year that were highlighted on the website and made available for free download. This is not a substitute for the CGS R.M. Quigley Award for best CGJ paper. Instead, it increases website visibility and highlights selected manuscripts on a monthly basis. Earlier this year we also published an editorial recognizing all award winning papers from 2014 (articles receiving the CGS R.M. Quigley Award as well as awards from the Canadian Society for Civil Engineering).

Each year the Editors use this report to acknowledge the very important and essential contributions from peer reviewers. Over the past fifty-two years, there have been many thousands of such reviewers, and the Editorial Office greatly appreciates their work.

In closing, we would like to thank the staff at Canadian Science Publishing for their excellent support. In particular we thank Nicole Huskins who recently completed her work as Editorial Assistant, and the continuing editorial assistant Donna Hartson and the Managing Editor, Jenny Stewart.

CGS News – Don Lewycky, Editor
Annual Report - July 1, 2014 to June 30, 2015

I am now coming to the end of my three-year term as the editor of CGS News portion of *Geotechnical News*. I have found it quite rewarding and interesting, so much so that I have indicated to President, Doug VanDine that I will continue for a second term as the editor of the *Geotechnical News*, if he and the CGS Executive and Board so desires.

Geotechnical News continues to be published four times a year (March, June, September and December), with mandatory items appearing in each specific issue as detailed in the CGS Administration Manual. CGS News items are submitted to BiTech approximately 2 months prior to the actual publication date of the *Geotechnical News* and CGS News is also posted on the CGS website, which is prepared by the CGS Administration (Wayne Gibson).

Over the last three years, Dr. Mustapha Zergoun, as Chair of the Heritage Committee and myself were able to initiate a series of articles to document the history of the society's local sections. Three histories have been published: Vancouver in September 2013, Edmonton in March 2014 and Calgary in June 2014. The challenge is now to entice additional submissions from the local sections located east of the Alberta/Saskatchewan border. I have also attempted to bring more visual content to the CGS News, by including more photographs of the activities and people in the news.

I have continued the practice of soliciting content contributions from all the various CGS Sections, Divisions and Committee Chairs prior to publication deadlines. To date, the response has still been rather tepid, but I am starting to get some participation from the various Divisions and Chairs.

I greatly appreciate the support that I have received from the CGS Executive and the Board. In particular, I would like to thank Doug VanDine and Michel Aubertin for their timely contributions to the columns so far. I encourage all members of the Board to submit articles, announcements or pieces of news to myself. In the case of time sensitive articles, please be aware of the publication and delivery dates of *Geotechnical News*. For all other submissions, please send them to me at any time and I will save them for inclusion in the next edition of *Geotechnical News*.



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