

The Canadian Geotechnical Society

**La Société canadienne
de géotechnique**



2013

Annual Report / Rapport annuel

Table of Contents

2013 Awards and Honours (English/Français)	3
2013 CGS Board of Directors (English/Français)	5
President's Report (English/Français)	10
Vice-President Technical (English/Français)	12
Vice-President Finance (English/Français)	16
Vice-President Communications (English/Français)	27
SECTION REPORTS	
CGS Sections - Summary Report	29
Vancouver Island Geotechnical Group	30
Vancouver Geotechnical Society	31
Prince George Geotechnical Group	33
Interior BC Geotechnical Group	34
Northern Alberta, N.W.T., Yukon	35
Southern Alberta Section	37
Saskatoon Geotechnical Group	38
Regina Geotechnical Group	39
Manitoba Section	39
Thunder Bay Geotechnical Group	41
Sudbury Chapter	41
London CSCE-CGS Chapter	42
Southern Ontario Section – Toronto Group	43
Kingston Section	46
Ottawa Geotechnical Group	47
Western Quebec Section	49
Eastern Quebec Section (Français/English)	50
Nova Scotia Section	53
Newfoundland Chapter and Labrador	54
DIVISION REPORTS	
Technical Divisions - Summary Report	55
Cold Regions Geotechnology Division	57
Engineering Geology Division	58
Geoenvironmental Division	60
Geosynthetics Division	61
Hydrogeology Division	61
Rock Mechanics Division	64
Soil Mechanics and Foundations Division	65
COMMITTEE REPORTS	
Education Committee	66
Heritage Committee	69
Technical Committee on Landslides	70
Transportation Geotechnique Committee	71
Professional Practice Committee	72
Mining Committee	73
OTHER REPORTS	
Geotechnical Research Board	75
Canadian Geotechnical Journal	76
Canadian Geotechnical News	78

CANADIAN GEOTECHNICAL SOCIETY - AWARDS AND HONOURS 2013

- R.F. Legget Award** Serge Leroueil
- R.M. Quigley Award** Gang Zheng, Si Yuan Peng, Charles W.W. Ng, Yu Diao "Excavation effects on pile behaviour and capacity", *Canadian Geotechnical Journal* (Vol.49 No.12 pp.1347-1356)
- Honourable Mention** R. Kerry Rowe, Melissa Chappel, Richard Brachman, Andy Take "Field study of wrinkles in a geomembrane at a composite liner test site", *Canadian Geotechnical Journal* (Vol.49 No.10, pp.1196-1211)
R. Kerry Rowe "Short- and long-term leakage through composite liners", *The 7th Arthur Casagrande Lecture, Canadian Geotechnical Journal* (Vol. 49 No. 2 pp. 141-169)
- G. Geoffrey Meyerhof Award** Jean Lafleur Professor, École Polytechnique de Montréal
- Thomas Roy Award** D. Jean Hutchinson Professor, Queens University
- John A. Franklin Award** Erik Eberhardt Professor, University of British Columbia
- Robert N. Farvolden Award**
(Joint award with IAH-CNC) Richard E. Jackson Principal, Geofirma Engineering Ltd.
- Roger J.E. Brown Award** Not scheduled for 2013
- Geoenvironmental Award** Not scheduled for 2013
- Geosynthetics Award** Not scheduled for 2013

Graduate Student Paper Award

- 1st Prize** Ryley Beddoe "Physical modeling of rainfall induced landslides"; Department of Civil Engineering, Queen's University; Advisor, Dr. Andy Take
- 2nd Prize** M. Meckkey El Sharnouby "Monotonic and cyclic behaviour of steel fiber reinforced helical pulldown micropiles"; Civil and Envr. Engineering, University of Western Ontario; Advisor, Dr. Hesham El Naggar

Undergraduate Student Report (Individual)

- 1st Prize** Steven Harms "Large Scale Field Testing and Evaluation of Temporary Flood Protection Products"; Department of Civil Engineering, University of Manitoba; Advisor, Dr. James Blatz
- 2nd Prize** Dale Brunton "Characterizing the Instability Line of Silica Sand as a Potential Landslide Triggering Mechanism"; Dept. of Civil Engineering, Queen's University; Advisor, Dr. Andy Take & Dr. Greg Siemens

Undergraduate Student Report (Group)

- 1st Prize** Gary Cui, Jessica Galavan, Duncan Leung, Matthew Lloyd "Holmestrand Underground Rail Cavern"; Geological Sciences and Geological Engineering, Queen's University; Advisor, Dr. Mark Diederichs
- 2nd Prize** Jenna Bowling, Ryun Humenjuk, Crystal Lei, Adam Woods, Xiao Qin Yang "Foundation and West approach Embankment Design"; Earth, Ocean & Atmospheric Sciences, University of British Columbia; Advisor, Susan W. Hollingshead

Canadian Foundation for Geotechnique National Graduate Scholarship Bryan A. S. Tatone, University of Toronto

- A.G. Stermac Awards** Paul Chiasson, Université de Moncton
Michel Massiéra, Université de Moncton
Denis LeBoeuf, Université Laval
Muhsin-Elie Rahhal, Université Laval
Jean-Marie Konrad, Université Laval

- CGS R.M. Hardy Keynote Address** Michel Aubertin, Ecole Polytechnique
- Canadian Geotechnical Colloquium** Paul Simms, Carleton University
- Cross Canada Lecture Tours** Bob Cameron (spring 2013), Ed Kavazanjan (fall 2013)

AWARDS FROM ENGINEERING INSTITUTE OF CANADA (EIC)

- Julian C. Smith Medal** Peter K. Kaiser
- John B. Stirling Medal** Ian D. Moore
- Fellowship of the Institute (FEIC)** Iain G. Bruce, Robert J. Fannin, Denis LeBoeuf

LA SOCIÉTÉ CANADIENNE DE GÉOTECHNIQUE - PRIX ET DISTINCTIONS 2013

Médaille R.F. Legget Serge Leroueil

Prix R.M. Quigley Gang Zheng, Si Yuan Peng, Charles W.W. Ng, Yu Diao "Excavation effects on pile behaviour and capacity", *Canadian Geotechnical Journal* (Vol.49 No.12 pp.1347-1356)

Mention honourable R. Kerry Rowe, Melissa Chappel, Richard Brachman, Andy Take "Field study of wrinkles in a geomembrane at a composite liner test site", *Canadian Geotechnical Journal* (Vol.49 No.10, pp.1196-1211)
R. Kerry Rowe "Short- and long-term leakage through composite liners", *The 7th Arthur Casagrande Lecture, Canadian Geotechnical Journal* (Vol. 49 No. 2 pp. 141-169)

Prix G. Geoffrey Meyerhof Jean Lafleur, Professor, École Polytechnique de Montréal

Prix Thomas Roy D. Jean Hutchinson, Professor, Queen's University

Prix John A. Franklin Erik Eberhardt, Professor, University of British Columbia

Prix Robert N. Farvolden

(distinction conjointe

de la SCG et de la AIH-SNC) Richard E. Jackson, Principal, Geofirma Engineering Ltd.

Prix Roger J.E. Brown (Biennial : ne sera pas décerné en 2013)

Prix de la géologie de l'environnement (Biennial : ne sera pas décerné en 2013)

Prix des matériaux géosynthétiques (Biennial : ne sera pas décerné en 2013)

Prix de l'étudiant diplômé

1^{er} prix Ryley Beddoe "Physical modeling of rainfall induced landslides"; Department of Civil Engineering, Queen's University; Advisor, Dr. Andy Take

2^e prix M. Meckkey El Sharnouby "Monotonic and cyclic behaviour of steel fiber reinforced helical pulldown micropiles"; Civil and Envir. Engineering, University of Western Ontario; Advisor, Dr. Hesham El Naggat

Prix de l'étudiant non-diplômé, présentation individuelle

1^{er} prix Steven Harms "Large Scale Field Testing and Evaluation of Temporary Flood Protection Products"; Department of Civil Engineering, University of Manitoba; Advisor, Dr. James Blatz

2^e prix Dale Brunton "Characterizing the Instability Line of Silica Sand as a Potential Landslide Triggering Mechanism"; Dept. of Civil Engineering, Queen's University; Advisor, Dr. Andy Take & Dr. Greg Siemens

Prix de l'étudiant non-diplômé, présentation de groupe

1^{er} prix Gary Cui, Jessica Galavan, Duncan Leung, Matthew Lloyd "Holmestrand Underground Rail Cavern"; Geological Sciences and Geological Engineering, Queen's University; Advisor, Dr. Mark Diederichs

2^e prix Jenna Bowling, Ryun Humenjuk, Crystal Lei, Adam Woods, Xiao Qin Yang "Foundation and West approach Embankment Design"; Earth, Ocean & Atmospheric Sciences, University of British Columbia; Advisor, Susan W. Hollingshead

Bourse nationale pour études supérieures de la FCG - Bryan A. S. Tatone, University of Toronto

Prix A.G. Stermac Paul Chiasson, Université de Moncton
Michel Massiera, Université de Moncton
Denis LeBoeuf, Université Laval
Muhsin-Elie Rahhal, Université Laval
Jean-Marie Konrad, Université Laval

Discours d'ouverture R.M. Hardy

Michel Aubertin, École Polytechnique

Conférence SCG

Paul Simms, Carleton University

Tournée de conférences pancanadiennes

Bob Cameron (printemps 2013), Ed Kavazanjian (automne 2013)

INSTITUT CANADIEN DES INGÉNIEURS (ICI)

Médaille Julian C. Smith

Peter K. Kaiser

Médaille John B. Stirling

Ian D. Moore

Fellowship of the Institute (FEIC)

Iain G. Bruce, Robert J. Fannin, Denis LeBoeuf

**THE CANADIAN GEOTECHNICAL SOCIETY
LA SOCIÉTÉ CANADIENNE DE GÉOTECHNIQUE**

**2013 DIRECTORS – AND COMMITTEE CHAIRS, OTHER POSITIONS AND SECRETARIAT
DIRECTEURS POUR L'ANNÉE 2013 – ET PRÉSIDENTS DE COMITÉS, AUTRES POSTES ET SECRÉTARIAT**

Terms end 31 December in the year shown. This document can also be found at

<http://cgs.ca/cgs-board.php>

BOARD OF DIRECTORS

EXECUTIVE COMMITTEE

President/ Président *Term ends 31 Dec.* 2014
Richard J. Bathurst, P.Eng.
Civil Engineering Department
Royal Military College of Canada
Kingston ON, K7K 7B4
Tel: 613 541-6000 Ext 6479 Fax: 613 541-6218
bathurst-r@rmc.ca

Vice President Technical 2014
Vice Président Technique
Angela Küpper, P.Eng.
BGC Engineering Inc.
Suite 200 - 8204 – 104 Street NW
Edmonton, AB, T6E 4E6
Tel: 780 466-0538; Ext. 51121; Fax: 780 463-3815
AKupper@bgcengineering.ca

Vice President Financial 2014
Vice Président aux Finances
Dharma Wijewickreme, P.Eng.
Department of Civil Engineering
University of British Columbia
6250 Applied Science Lane,
Vancouver, B.C., V6T 1Z4
Tel: 604 822-5112(Direct) Fax: 604 822-6901
dharmaw@civil.ubc.ca

Vice-President Communications 2014
Vice Président aux Communications
Catherine N. Mulligan, Eng.
Dept. of Building, Civil and Environmental Engineering
Concordia University
1455 de Maisonneuve Blvd. W., Ev 6-187
Montreal, Québec, H3G 1M8
Tel: 514 848-2424 Ext 4212 Fax: 514 848-4509
catherine.mulligan@concordia.ca

Jim Hazzard, P.Eng. * 2013
Itasca Consulting Group Inc.
6 Adelaide St. E., Suite 220
Toronto, ON, M5C 1H6
Tel: 647 668-7671
jhazzard@itascacg.com

***Represents Technical Divisions on Exec. Comm.**

Paul Dittrich, P.Eng. * 2013
Golder Associates Ltd.
6925 Century Avenue, Suite 100,
Mississauga, Ontario, L5N 7K2
Tel: 905 567-4444 Fax: 905 567-6561
Paul_Dittrich@golder.com
*** Represents Sections on Exec. Committee**

**DIVISION CHAIRS
PRÉSIDENTS DES DIVISIONS**
3-year term ending 31 December of year listed

Cold Regions Geotechnology 2013
Géotechnologie des régions froides
Lukas Arenson, P.Eng.
BGC Engineering Inc.
Suite 500 - 1045 Howe Street
Vancouver, BC. V6Z 2A9
Tel: 604 684-5900 Ext.116, Fax: 604 684-5909
larensen@bgcengineering.ca

Engineering Geology 2015
Géologie de l'ingénieur
Doug Stead, P.Eng.
Department of Earth Sciences
Simon Fraser University
8888 University Drive,
Burnaby, BC, V5A 1S6
Tel: 778 782-6670 Fax: 778 782-4198
dstead@sfu.ca

Geoenvironmental 2014
Géologie de l'environnement
Myint Win Bo, P.Eng., P.Geo.
DST Consulting Engineers
605 Hewitson Street
Thunder Bay, ON P7B 5V5
Tel: 807 626-1312 Fax: 807 623-1792
mwinbo@dstgroup.com

<p>Geosynthetics Géosynthétiques R. Kerry Rowe, P. Eng. Department of Civil Engineering Ellis Hall Queen's University Kingston, ON K7L 3N6 Tel: 613 533-3113 Fax: 613 533-2128 kerry@civil.queensu.ca</p>	2013	<p><i>Vancouver Island Geotechnical Group</i> J. Suzanne Powell, EIT. Thurber Engineering Ltd. 100, 4396 West Saanich Road Victoria, BC V8Z 3E9 Tel: 250 727-2201 Fax: 250 727-3710 spowell@thurber.ca</p>	2014
<p>Hydrogeology Hydrogéologie Chris Neville, P.Eng. S.S. Papadopoulos & Associates Inc. 90 Frobisher Drive, Unit 2B Waterloo, ON N2V 2A1 Tel: 519 579-2100 Fax: 519 579-9779 cneville@sspa.com</p>	2013	<p><i>Prince George Geotechnical Group</i> Eric Mohlmann, P.Eng. GeoNorth Engineering Ltd. 3975 18th Avenue Prince George, BC, V2N 1B2 Tel: 250 564-4304 Fax: 250 564-9323 e.mohlmann@geonorth.ca</p>	2015
<p>Rock Mechanics Mécanique des roches Jim Hazzard, P. Eng. * Itasca Consulting Group 6 Adelaide St. E., Suite 220 Toronto, ON, M5C 1H6 Tel: 647 668-7671 jhazzard@itascacag.com</p>	2014	<p><i>Interior BC Geotechnical Group</i> Sumi Siddiqua, P.Eng. School of Engineering, University of British Columbia Okanagan Campus, 1137 Alumni Avenue Kelowna, BC Canada V1V 1V7 Tel: 250 807 9863; Fax: 250.807.9850 sumi.siddiqua@ubc.ca</p>	2015
<p>*Represents Technical Divisions on Executive Committee</p>		<p><i>N. Alberta, N.W. Territories, Yukon Nord de l'Alberta, Terr. du Nord-Ouest et Yukon Geotechnical Society of Edmonton</i> 2013</p>	
<p>Soil Mechanics and Foundations Mécanique des sols et des fondations Bipul Hawlader, P.Eng. Faculty of Engineering and Applied Science Memorial University of Newfoundland St. John's, NL A1B 3X5 Tel: (709) 864-8945 Fax: (709) 864-4042 bipul@mun.ca</p>	2013	<p>Paul Lach P.Eng. The City of Edmonton Engineering Services, Transportation Depart. 11004 - 190 Street NW Edmonton, Alberta, T5S 0G9 Tel: 780 496-6358; Fax: 780 944-7653 paul.lach@edmonton.ca</p>	
<hr/> <p>SECTION DIRECTORS DIRECTEURS DES SECTIONS <i>3-year term ending 31 December of year listed</i></p>		<p>Southern Alberta Sud de l'Alberta <i>Calgary Geotechnical Group</i> Frank Magdich, P.Eng Oak Environmental Inc. Suite 103; 4712 – 13th St. NE Calgary, Alberta Tel: 403 250-9810 Fax: 403 250-3978 frank@oakenviro.com</p>	2014
<p>British Columbia Colombie-Britannique <i>Vancouver Geotechnical Society</i> Jason Pellett, P.Eng., GIT EBA, Engineering Consultants Ltd., Oceanic Plaza, 9th Floor, 1066 West Hastings Street, Vancouver, BC, V6E 3X2 Tel. 604 685-0275 Ext 316 Fax: 604: 684-6241 jpellett@eba.ca</p>	2015	<p>Saskatchewan <i>Regina Geotechnical Group</i> Shahid Azam, P.Eng. Faculty of Engineering & Applied Science University of Regina, 3737 Wascana Parkway Regina, SK, S4S 0A2 Tel: 306 337-2369 Fax: 306 585-4855 shahid.azam@uregina.ca</p>	2013

<i>Saskatoon Geotechnical Group</i>	2013	<i>London Group</i>	2015
Kelly Pardoski, P. Eng. P. Machibroda Engineering Ltd. 806-48th Street E. Saskatoon, SK Tel: 306 665-8444 Fax: 306 652-2092 k.pardoski@machibroda.com		Mrinmoy Kanungo, P.Eng. Golder Associates Ltd. 309 Exeter Road, Unit #1, London, Ontario, N6L 1C1 Tel: 519 652-0099, Ext.4179, Fax: 519 652-6299 mkanungo@golder.com	
Manitoba		<i>Sudbury Group</i>	2013
<i>Winnipeg Section</i> Nelson Ferreira, P.Eng. Trek Geotechnical Inc. 1712 St. James Street Winnipeg, Manitoba R3H 0L3 Tel: 204 975-9433; Fax: 204 975-9435 nferreira@trekgeotechnical.ca	2013	Tommi J. Leinala, P.Eng AMEC Earth & Environmental 131 Fielding Road Lively, Ontario, P3Y 1L7 Tel: 705 682-2632 Ext 297 Fax: 705 682-2260 tommi.leinala@amec.com	
Eastern and Northern Ontario		Ouest du Québec	
Est et Nord de l'Ontario <i>Ottawa Geotechnical Group</i> Mamadou Fall Department 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	2015	Western Quebec – Montreal Annick Bigras, ing. Hydro-Québec, Direction Barrages et infrastructures (Dams and Infrastructures Division) 75, René-Lévesque Boulevard West, 3rd floor Montréal, QC, H2Z 1A4 Tel: 514 289-2211, Ext. 4754 bigras.annick@hydro.qc.ca	2014
<i>Thunder Bay</i>	2014	Est du Québec	
Eltayeb Mohamedelhassan, P.Eng. Department of Civil Engineering Lakehead University 955 Oliver Road, Thunder Bay Ontario, Canada, P7B 5E1 Tel: 807 343-8363, Fax: 807 346-7943 eltayeb@lakeheadu.ca		Eastern Quebec - Quebec City Jean Côté, ing. Département de génie civil et de génie des eaux Department of Civil & Water Engineering 1065, avenue de la Médecine Pavillon Adrien-Pouliot, Université Laval Québec (Québec), G1V 0A6 Tel: 418 656-5936; Fax: 418 656-2928 Jean.Cote@gci.ulaval.ca	2015
<i>Kingston Group</i>	2013	Atlantic Provinces	
Martin Burger, P.Eng. Groundwork Engineering Limited 3443 Princess St Kingston, ON, K7P 3A5 Tel: 613 634-1789; Fax: 613-634-3009 mburger@groundengineer.ca		Provinces de l'Atlantique <i>Nova Scotia Chapter</i> Anthony Urquhart, P.Eng. BGC Engineering Inc. Suite 630 - 1718 Argyle Street Halifax, NS B3J 3N6 Tel: 902 474-5925 Fax: 902 474-5929 turquhart@bgcengineering.ca	2013
Southern Ontario		New Brunswick Chapter	
Sud de l'Ontario <i>Toronto Group</i> Paul Dittrich, P.Eng. * Golder Associates Ltd. 6925 Century Avenue, Suite 100, Mississauga, Ontario, L5N 7K2 Tel: 905 567-4444 Fax: 905 567-6561 Paul_Dittrich@golder.com	2014	No Current Section Director	

* **Represents Sections on Executive Committee**

Newfoundland Chapter 2014
Janet Williams, P.Eng.
Geotechnical Engineer
AMEC Environment & Infrastructure
133 Crosbie Road, PO Box 13216
St. John's, NL Canada A1B 4A5
Tel: 709722-7023, Fax: 709 722-7353
janet.williams@amec.com

EX OFFICIO DIRECTORS

Chair, Geotechnical Research Board 2013
**Président, Conseil de la recherche
en géotechnique**

Jean Côté, ing.
Département de génie civil et de génie des eaux
Department of Civil & Water Engineering
1065, avenue de la Médecine
Pavillon Adrien-Pouliot, Université Laval
Québec (Québec), G1V 0A6
Tel: 418 656-5936; Fax: 418 656-2928
Jean.Cote@gci.ulaval.ca

Representative of CSCE on CGS Board: 2014
Reg Andres, P.Eng., FCSCE
Vice-President
R.V. Anderson Associates Limit
2001 Sheppard Avenue East; Suite 400
Toronto ON M2J 4Z8
Tel 416 497 8600 - Ext 224; Fax 416 497 0342
randres@rvanderson.com

[Note: CSCE President's term ends in June. Above term starts in June 2013]

Past President 2013
Bryan Watts, P.Eng.
Klohn Crippen Berger
500 – 2955 Virtual Way
Vancouver, BC, V5M 4X6
Tel: 604 251-8444 Fax: 604 251-8570
bwatts@klohn.com

Editor Canadian Geotechnical Journal
**Le directeur de la rédaction de la Revue
canadienne de géotechnique** from 1 April 2007
Ian Moore, P.Eng.
Dept. of Civil Engineering
Ellis Hall, Queen's University
Kingston, ON K7L 3N6
Tel: 613 533-3160 Fax: 613 533-2128
moore@civil.queensu.ca

Editor, CGS News in Geotechnical News 2015
**Le directeur de la rédaction des Nouvelles
de la SCG**
Donald M. Lewycky, P.Eng.
City of Edmonton, Engineering Services
11004 - 190 Street NW
Edmonton, Alberta, T5S 0G9
Tel: 780 496-6773 Fax: 780 944-7653
don.lewycky@edmonton.ca

END OF DIRECTOR'S LIST

CHAIRS OF STANDING COMMITTEES
LES PRÉSIDENTS DES COMITÉS PERMANENTS
3-year terms ending 31 December

Computing Committee 2012
Le comité sur l'informatique
Peijun Guo, P.Eng
Department of Civil Engineering
McMaster University
1280 Main Street West
Hamilton ON L8S 4L7
Tel: 905 525-9140 Ext. 27903; Fax: 905 529-9688
guop@mcmaster.ca

Education Committee 2013
Le comité sur l'éducation
Greg Siemens, P.Eng.
GeoEngineering Centre at Queen's-RMC
Department of Civil Engineering
Royal Military College of Canada
Kingston, ON, K7K 7B4
Tel: 613 541-6000 Ext 6396
Greg.Siemens@rmc.ca

Heritage Committee 2014
Le comité Héritage
Mustapha Zergoun, P.Eng,
Engineering and Construction, Metro Vancouver
4330 Kingsway,
Burnaby, BC V5H 4G8
Tel: 778 452-2695 Fax: 604 432-6298
mustapha.zergoun@metrovancover.org

Landslides Committee 2015
Le comité sur les glissements de terrain
Michael Porter, P.Eng.
BGC ENGINEERING INC.
Suite 500 - 1045 Howe Street
Vancouver, BC, V6Z 2A9
Tel: 604 629-3847 Fax: 604 684-5909
MPorter@bgcengineering.ca

Transportation Geotechniques Committee 2015

Le comité sur la géotechnique des transports

Roger Skirrow, P.Eng.

Government of Alberta
Technical Standards Branch
2nd Floor, 4499 – 98th Avenue
Edmonton, Alberta, T6B 2X3
Tel: 780 427-5578 Fax: 780 422-5426
roger.skirrow@gov.ab.ca

Professional Practice

2013

Le comité sur la pratique professionnelle

Kent Bannister, P.Eng.

Trek Geotechnical Inc.
1712 St. James Street
Winnipeg, Manitoba, R3H 0L3
Tel: 204.975.9433 Fax: 204.975.9435
kbannister@trekgeotechnical.ca

Mining Geotechnique Committee

2014

Comité technique sur la géotechnique minière

Michel Aubertin, ing.

École Polytechnique, Dept. CGM
CP 6079, Sccl Centre-Ville
Montreal, QC H3C 3A7
Tel: 514 340-4711 Ext. 4046 Fax: 514 340-4477
michel.aubertin@polymtl.ca

SECRETARIAT

Secretary General

Secrétaire Général

Victor A. Sowa, P.Eng., P.Geo.

5616 Timbervalley Road
Delta, BC V4L 2E6
Tel: 604 948-2398
vsowacgs@dccnet.com

Administrator

Administrateur

Wayne Gibson, P.Eng.

The Canadian Geotechnical Society
8828 Pigott Road
Richmond, BC V7A 2C4
Tel: 604 277-7527, Fax: 604 277-7529
Toll Free: 1-800-710-9867
cgs@cgs.ca

REPRESENTATIVES ON OTHER ORGANIZATIONS

Representative to EIC Council:

Richard J. Bathurst, P.Eng.

Civil Engineering Department
Royal Military College of Canada
Kingston ON, K7K 7B4
Tel: 613 541-6000 Ext 6479 Fax: 613 541-6218
bathurst-r@rmc.ca

Representative to CSCE Board:

Catherine N. Mulligan, Eng.

Dept. of Building, Civil and Environmental Engineering
Concordia University
1455 de Maisonneuve Blvd. W., Ev 6-187
Montreal, Québec, H3G 1M8
Tel: 514 848-2424 Ext 4212 Fax: 514 848-4509
catherine.mulligan@concordia.ca

***President's Report to the Board - Richard J. Bathurst
Report on Activities - July 1, 2012 to June 30, 2013***

This report covers the last six months of the previous CGS board under the leadership of past-President Bryan Watts and the first six months of the current administration. I am pleased to report that the current executive inherited the affairs of the society in good order.

An important immediate task of my team was to populate the new chair positions for divisions, sections and committees. The new Division chair for Engineering Geology is Doug Stead replacing Davide Elmo. The new Section Directors are: Jason Pellett (Vancouver); Suzanne Powell (Vancouver Island); Eric Mohlmann (Prince George); Sumi Siddiqua (Interior British Columbia); Mamadou Fall (Eastern and Northern Ontario); Eltayeb Mohamedelhassan (Thunder Bay); Mrinmoy Kanungo (London); Jean Côté (Eastern Quebec); and Janet Williams (Newfoundland). I am also delighted to report that an initiative to form a New Brunswick chapter is under way led by Hany El Naggari in Fredericton (University of New Brunswick). The new chairs of the CGS Standing Committees are Michael Porter (Landslides) and Roger Skirrow (Transportation Géotechniques). Finally I am pleased to announce that Don Lewycky is the new Editor of the CGS news section in Geotechnical News replacing Phil Bruch who completed two terms (6 years) as editor. It is very important that the sections, divisions and committees are timely with nominations for new chairs as term appointments approach completion.

Mike Jefferies of Golder Associates (UK) was our CGS Cross Canada Lecture Tour (CCLT) speaker for the fall of 2012 while Robert (Bob) Cameron from Syncrude Canada Limited was the spring 2013 speaker and gave talks on two different subjects. In addition to the CCLT during this reporting period, our 20 CGS sections held 69 technical presentations, 5 workshops/short courses, 8 student events, 6 social events and 2 conferences.

Several CGS members were honoured by the Engineering Institute of Canada (EIC) at its annual banquet in May in Montreal: Peter K. Kaiser received the Julian C. Smith Medal, Ian D. Moore received the John B. Stirling Medal, and Iain G. Bruce, Denis LeBoeuf and Robert J. Fannin were made Fellows of the EIC.

Preparation for the upcoming 66th Annual CGS Conference - GeoMontreal 2013 - is well underway at the time of this report with accepted papers in hand by the conference organizers. Immediately following this conference will be the 4th Canadian Young Geotechnical Engineers and Geoscientists Conference at Mount Tremblant from October 3-6. The chair of this conference is Ariane Locat who, with her committee of talented young people, has done a truly outstanding job getting this conference launched.

In the run-up to GeoMontreal 2013, the executive has been fully engaged to ensure that this conference is a great success. We will take advantage of this venue to celebrate the 50th anniversary of the Canadian Geotechnical Journal.

The Education Committee of the CGS and the Canadian Foundation for Geotechnique have jointly established an award to give two CGS members under the age of 35 the opportunity to attend the 5th International Young Geotechnical Engineers Conference in Paris, France in the fall of 2013. Many outstanding nominations were received and ultimately Nicholas Beier (University of Alberta) and Vincent Goreham (Dalhousie University) were selected as the award winners.

A major effort on my part over the past four months has been steering the French version of the fourth edition of the Canadian Foundation Engineering Manual (CFEM) to final completion. The manual will be available for purchase at GeoMontreal 2013. We will take the opportunity to celebrate this milestone at the conference and to recognize Editor, Jean Lafleur, and his team for their efforts to complete this important project. An important task for the current executive over the remainder of our term will be to formulate a strategy for the preparation and delivery of the next (fifth) edition of the CFEM.

Dharma Wijewickreme (VP Finance) has worked very hard to familiarize himself with the CGS "books" and is well supported by the CGS Secretariat (Victor Sowa, Wayne Gibson and Lisa McJunkin) as well as Peter Gaffran (past VP Finance) to ensure that we are in good financial shape, which we are as you will read in Dharma's report.

Rapport du président au conseil d'administration - Richard J. Bathurst

Rapport sur les activités - 1^{er} juillet 2012 au 30 juin 2013

Ce rapport traite des activités du conseil d'administration de la SCG qui ont eu lieu pendant les derniers six mois du mandat du président sortant Bryan Watts et pendant les six premiers mois de la présente administration.

La première tâche importante et immédiate de mon équipe aura été de trouver des personnes pour assumer les postes de présidents de divisions, de sections et de comités. Le nouveau président de la division Géologie de l'ingénieur est Doug Stead, qui remplace Davide Elmo. Les nouveaux présidents de sections sont : Jason Pellett (Vancouver); Suzanne Powell (île de Vancouver); Eric Mohlmann (Prince George); Sumi Siddiqua (intérieur de la Colombie-Britannique); Mamadou Fall (Est et Nord de l'Ontario); Eltayeb Mohamedelhassan (Thunder Bay); Mrinmoy Kanungo (London); Jean Côté (Est du Québec); et Janet Williams (Terre-Neuve-et-Labrador). Je suis également enchanté d'annoncer une initiative visant à former une nouvelle section pour le Nouveau-Brunswick, sous l'égide d'Hany El Naggat, à Fredericton (Université du Nouveau-Brunswick). Les nouveaux présidents des comités permanents de la SCG sont Michael Porter (Glissements de terrain) et Roger Skirrow (Géotechnique des transports). Enfin, j'ai le plaisir d'annoncer que Don Lewycky est le nouveau rédacteur du bulletin Actualités de la SCG, qui est inséré dans le magazine Geotechnical News. Il remplace Phil Bruch, qui a assumé deux mandats (6 années). Il est très important que les sections, divisions et comités respectent les délais de présentation de candidats pour les nouveaux présidents, car certains mandats se termineront bientôt.

Le conférencier de la Tournée pancanadienne de conférences (TCP) de l'automne 2013 était Mike Jefferies, de Golder Associates (R.-U.), alors que celui du printemps 2013 était Robert (Bob) Cameron, de Syncrude Canada Limited. Ce dernier a donné des communications sur deux sujets différents. Pour la période visée par ce rapport, en plus des deux TCP, les 20 sections de la SCG ont organisé 69 présentations techniques, 5 ateliers/cours intensifs, 8 événements étudiants, 6 activités sociales et 2 conférences.

De nombreux membres de la SCG ont été honorés par l'Institut canadien des ingénieurs (ICI) lors de son banquet annuel de mai à Montréal : Peter K. Kaiser a reçu la Médaille Julian C. Smith; Ian D. Moore a reçu la Médaille John B. Stirling; alors que Iain G. Bruce, Denis LeBoeuf et Robert J. Fannin sont devenus fellows de l'ICI.

Au moment de la rédaction de ce rapport, les préparatifs de la prochaine 66^e conférence annuelle de la SCG – GéoMontréal 2013 – allaient bon train et les organisateurs avaient déjà accepté les articles. La 4^e conférence canadienne des jeunes géotechniciens et géoscientifiques (ou cYGEHC) aura lieu immédiatement après GéoMontréal, du 3 au 6 octobre, à Mont-Tremblant. La présidente de cette conférence est Ariane Locat. Avec son comité de jeunes professionnels talentueux, elle a réalisé un travail remarquable pour que cet événement ait lieu.

Le Comité exécutif a participé activement à la préparation de GéoMontréal 2013, pour veiller à ce qu'elle soit couronnée de succès. Durant la conférence, nous saisissons aussi l'occasion de célébrer le 50^e anniversaire de la Revue canadienne de géotechnique.

Le Comité sur l'éducation de la SCG et la Fondation canadienne de géotechnique ont établi conjointement un prix à décerner à deux membres de la SCG âgés de moins de 35 ans pour leur permettre d'assister au 5^e congrès international des jeunes ingénieurs géotechniciens qui aura lieu à Paris (France), à l'automne 2013. De nombreuses nominations de candidats exceptionnels ont été présentées. Les lauréats sont Nicholas Beier (University of Alberta) et Vincent Goreham (Dalhousie University).

Au cours des quatre derniers mois, j'ai consacré beaucoup d'énergie à la dernière étape de la publication de la version française du Manuel canadien d'ingénierie des fondations (4^e édition). Il sera possible d'acheter le manuel à GéoMontréal 2013. Lors de la conférence, nous célébrerons ce jalon important et remercierons le directeur du projet, Jean Lafleur, et son équipe, de leur contribution à cet important projet. Le reste du mandat du Comité exécutif comportera la tâche importante de formuler une stratégie pour préparer et la prochaine édition (la cinquième) de ce manuel.

Dharma Wijewickreme (vice-président des finances) a travaillé d'arrache-pied à se familiariser avec les « livres » de la SCG, avec le soutien efficace du secrétariat de la SCG (Victor Sowa, Wayne Gibson et Lisa McJunkin), de même que Peter Gaffran (vice-président des finances sortant) et s'assurer que nous sommes en bonne posture financière, ce que vous constaterez, d'ailleurs, dans son rapport.

Vice-President Technical - Angela Kupper
Report of Activities - July 1, 2012 to June 30, 2013

CGS Sections (and Related Activities)

There are 20 local sections of the CGS. Most sections have reported being active during the year, with the exception of New Brunswick, which is just re-organizing, and Sudbury and Regina. We thank the 153 members who participate as chairs, co-chairs and other executive positions for their volunteer service to the local members.

The local sections are active in sponsoring technical presentations, special events (e.g., the Cross Canada Lecture Tour), student forums and social activities. Participation at the events has generally ranged from about 20 to 100 attendees (with some events attracting up to 150 participants). During the period July 1, 2012 to June 30, 2013, the CGS sections held 69 technical presentations, 5 workshops/short courses, 8 student events, 6 social events and 2 conferences. There were also 23 Cross Canada Lectures.

CGS Sponsored, Co-Sponsored and Supported Conferences

The 65th Canadian Geotechnical Conference was held in Winnipeg, from September 30 to October 3, 2012: It was a successful and well-attended conference. The following conferences are planned for the fall of 2013:

- 66th Canadian Geotechnical Conference, Montreal, QC, Sept 29-Oct 2, 2013.
- 4th Canadian Young Geotechnical Engineers and Geoscientists Conference, Mt. Tremblant, QC, Oct 3-6, 2013.
- Tailings and Mine Waste 2013, Banff, AB, November 3-6, 2013.

Cross Canada Lecture Tour

The tour continues to be a corner stone of the society, having been in existence since 1965. We have had two annual tours in recent years, and these tours are funded through the Canadian Foundation for Geotechnique. President Bathurst reported on the fall 2012 and spring 2013 speakers - The fall 2013 CCLT speaker will be Dr. Ed Kavazanjian, who will be giving three lectures to eleven sections from Oct 8-22, 2013. These tours are funded through the Canadian Foundation for Geotechnique and the generous support of the industry sponsors, which are greatly appreciated.

Canadian Geotechnical Journal

The journal 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 geoenvironmental journals. The journal continues to flourish under the guidance of editor, Dr. Ian Moore. Dr. Moore also continues to work on improving decision-making times leading to a quicker paper acceptance, which has a major impact on attracting contributions from leading scholars and practitioners. We thank the members of CGS who act as Associate Editors and as Paper Reviewers for the Journal (past and present).

CGS Divisions

Six of the seven technical divisions have provided annual reports listing their activities during the period, as well as future activities. We thank all Division chairs and the executive members for their valuable contributions. Of the seven Divisions, one chair is new (Doug Stead, Engineering Geology) and four of the Chairs will have their terms end December 31, 2013: Cold Regions, Geosynthetics, Hydrogeology and Soil Mechanics and Foundations. New Chairs for these Divisions are in the process of being nominated.

These divisions are affiliated with specific international bodies in their area of specialization, and CGS members gain access to those bodies and their technical committees, conferences, and journals through division membership. A need to improve leadership continuity and expand both committee membership and activity has been recognized in some Divisions. General Meetings of the Divisions are still poorly attended during the annual CGS Conference and additional promotion, including e-mail reminder, agenda distribution and providing snacks to encourage attendance is suggested by Division Chairs.

The Cold Regions Division and the Rock Mechanics Division (through the Canadian Rock Mechanic Association) will sponsor students attending the 4th Canadian Young Geotechnical Engineers and Geoscientists Conference (cYGEGC) as a representative of their Division. The Cold Regions Division will support the next Canadian Permafrost Conference as part of the CGS conference in 2015 (Quebec, QC).

The Engineering Geology Division is supporting the organization of the 1st International Discrete Fracture Network Engineering conference (DFNE 2014) to be held in Vancouver on September 19-22, 2014.

The Soil Mechanics and Foundation Division has raised the idea of considering the 5th Edition of the Canadian Foundation Engineering Manual since it takes a number of years to produce the manual. This would be a major project that requires the support and guidance of the CGS Executive Committee.

CGS Technical Committees

Currently seven standing technical committees report to the Vice President Technical. Most committees are active in supporting conferences and running symposia and short courses. Presentations of the Specialty Sections organized by the Professional Practice Committee are posted on the CGS website and are valuable reference material for our general membership. The Heritage Committee has also uploaded to the website material that is of interest to the membership. The Mining Geotechnique Committee has been particularly busy with participation in conferences and joint research activities. The Education Committee continues to successfully run the CGS Student Competition, to administer the Canadian Foundation for Geotechnique National Graduate Scholarship and is supporting the organization of the 4th Canadian Young Geotechnical Engineers and Geoscientists Conference (cYGEGC).

An award was established to give two CGS members under the age of 35 the opportunity to attend the 5th International Young Geotechnical Engineers Conference in Paris, France in the fall of 2013. The award is funded jointly by the Education Committee of the CGS and the Canadian Foundation for Geotechnique. Many outstanding nominations were received and ultimately Nicholas Beier (University of Alberta) and Vincent Goreham (Dalhousie University) were selected as the award winners.

The Computing Committee has not been active and consideration could be given to whether this committee is still relevant to the membership.

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

The Canadian Geotechnical Research Board (GRB) has 8 executive members and is currently chaired on an interim basis by Jean Côté of Université Laval.

The Colloquium speaker for the 65th Annual Conference in Winnipeg was Andy Take of Queen's University. Three strong candidates were nominated for the 2014 Colloquium; the name of the selected candidate will be announced at the 2013 GeoMontreal Conference.

In the coming year, the GRB will have to select a new Chair for the term 2014-2017 as well as increase the number of executive members. The GRB has reported that it will continue to focus on supporting the CGS membership, both academic and practicing, in engaging in research activities. The GRB will also be taking a role in the active promotion and advocacy of the CGS members to advisory boards, policy.

Canadian Foundation Engineering Manual

The French translation of the CFEM 4th Edition was completed by Jean Lafleur, Denis Leboeuf, Jean-Marie Konrad, Elie Rahhal and Paul Chiasson, and is now available for sale through BiTech Publishers.

CGS News

CGS News is published four times a year in *Geotechnical News* (March, June, September and December) and is mailed to CGS members as well as posted on the CGS web site. Don Lewycky is the new Editor of CGS News.

Rapport de la vice-présidente technique - Angela Kupper ***Activités du 1^{er} juillet 2012 au 30 juin 2013***

Sections de la SCG (et activités connexes)

La SCG compte 20 sections locales. La plupart des sections ont déclaré avoir tenu des activités, exception faite de celle du Nouveau-Brunswick, qui est en cours de restructuration, de Sudbury et de Regina. Nous

remercions les 153 membres qui occupent des postes de présidents, de coprésidents et d'autres postes de direction, pour leur service bénévole auprès des membres locaux.

Les sections locales commanditent activement des présentations techniques, des événements spéciaux (p. ex., la Tournée de conférences pancanadiennes (TCP)), des forums étudiants et des activités sociales. Les événements attirent, habituellement, de 20 à 100 personnes (certains ont attiré jusqu'à 150 participants). Durant la période du 1^{er} juillet 2012 au 30 juin 2013, les sections de la SCG ont organisé 69 présentations techniques, 5 ateliers/cours intensifs, 8 événements étudiants, 6 activités sociales et 2 conférences. De plus, la Tournée de conférences pancanadiennes a compté 23 présentations.

Conférences commanditées, cocommanditées et subventionnées par la SCG

La 65^e conférence géotechnique canadienne a lieu à Winnipeg, du 30 septembre au 3 octobre 2012. Un grand nombre de délégués y ont participé et elle a été couronnée de succès. Les conférences suivantes ont lieu ou auront lieu à l'automne 2013 :

- la 66^e conférence géotechnique canadienne, à Montréal (Québec), du 29 septembre au 2 octobre 2013;
- la 4^e Conférence canadienne des jeunes ingénieurs géotechniciens et géoscientifiques (cYGEGC), à Mont-Tremblant (Québec), du 3 au 6 octobre 2013;
- Tailings and Mine Waste 2013, à Banff (Alberta), du 3 au 6 novembre 2013.

Tournée de conférences pancanadiennes (TCP)

La tournée continue d'être une pierre angulaire de la société depuis le début de son existence en 1965. Ces dernières années, nous avons organisé deux tournées annuelles. La TCP est subventionnée par la Fondation canadienne de géotechnique. Notre président, Richard Bathurst, a présenté les conférences de l'automne 2012 et du printemps 2013 dans l'un de ses rapports. La conférence de la TCP de l'automne 2013 sera Ed Kavazanjian (Ph. D.), qui présentera trois communications dans onze sections, du 8 au 22 octobre 2013. Ces tournées sont rendues possibles grâce aux subventions de Fondation canadienne de géotechnique et à l'appui généreux des commanditaires de l'industrie, ce dont nous sommes très reconnaissants.

Revue canadienne de géotechnique

La revue est une vitrine importante pour notre communauté. Elle publie des manuscrits de grande qualité à l'échelle internationale et nationale et elle conserve une solide réputation à titre de l'une des trois revues de géotechnique de premier rang sur le plan international. Sous l'égide de son rédacteur, Ian Moore (Ph. D.), elle continue de prospérer. M. Moore continue d'améliorer les délais de réponse afin d'accepter les articles plus rapidement. Cela a une très grande incidence pour attirer des textes d'universitaires et de praticiens de premier plan. Nous remercions les membres de la SCG qui assument les fonctions de rédacteurs adjoints et d'examineurs d'articles pour le compte de la revue (tant passés que présents).

Divisions de la SCG

Six des sept divisions techniques ont remis des rapports annuels énumérant les activités réalisées durant la période et prévues ultérieurement. Nous remercions les présidents des divisions et les membres de leurs comités exécutifs pour leur précieuse contribution. L'un des présidents des sept divisions entame son mandat (Doug Stead, Géologie de l'ingénieur), alors que quatre présidents termineront leur mandat le 31 décembre 2013 (Géotechnique des régions froides, Géosynthétique, Hydrogéologie et Mécanique des sols et fondations). Le processus de mise en candidature des futurs présidents de ces divisions est en cours.

Ces divisions sont affiliées à des organismes internationaux appartenant à leur domaine de spécialisation, et les membres de la SCG qui deviennent membres des divisions accèdent à ces organismes, à leurs comités techniques, à leurs conférences et à leurs revues. Certaines divisions ont reconnu avoir besoin d'améliorer la continuité du leadership et d'augmenter tant le nombre de membres de leur comité exécutif que de leurs activités. Les assemblées annuelles des divisions, qui ont lieu durant la conférence annuelle de la SCG, continuent d'attirer peu de participants. Pour encourager les présences, les présidents de division ont suggéré de mieux les publiciser, notamment en envoyant un rappel par courriel, en distribuant l'ordre du jour et d'offrir des collations sur place.

Les divisions Géotechnique des régions froides et Mécanique des roches commanditeront la participation d'étudiants à la 4^e Conférence canadienne des jeunes ingénieurs géotechniciens et géoscientifiques (cYGEGC) en tant que représentants conjoints de leurs divisions (grâce à la Canadian Rock Mechanics

Association ou CARMA). La division Géotechnique des régions froides appuiera l'organisation de la prochaine Conférence canadienne sur le pergélisol, qui aura lieu en 2015 (à Québec). La division Géologie de l'ingénieur appuie l'organisation de la première conférence de l'International Discrete Fracture Network Engineering (DFNE 2014), qui se déroulera à Vancouver, du 19 au 22 septembre 2014.

La division Mécanique des sols et fondations a soulevé l'idée d'une 5^e édition du *Manuel canadien d'ingénierie des fondations*, étant donné que la production du manuel demande plusieurs années de travail. Cela constituerait un projet d'envergure qui exigerait le soutien et l'encadrement du Comité exécutif de la SCG.

Comités techniques de la SCG

À l'heure actuelle, sept comités techniques permanents rendent des comptes à la vice-présidente technique. La plupart de ces comités contribuent à l'organisation de conférences et organisent des symposiums et des cours intensifs. Les présentations de spécialistes organisées par le Comité sur les pratiques professionnelles sont affichées sur le site Web de la SCG, à titre de documentation de référence utile pour nos membres. Le Comité sur le patrimoine a également téléversé au site Web de la SCG divers documents et photos présentant de l'intérêt pour nos membres. Le Comité sur la géotechnique minière a été particulièrement actif, en assistant à des conférences et en participant à des projets de recherche conjoints. Le Comité sur l'éducation continue de gérer le Concours de la SCG pour les étudiants, d'administrer la Bourse nationale pour études supérieures de la Fondation de géotechnique canadienne et appuie l'organisation de la 4^e Conférence canadienne des jeunes ingénieurs géotechniciens et géoscientifiques (cYGEGC).

Un prix a été instauré, afin de permettre à deux jeunes membres de la SCG de moins de 35 ans d'assister au 5^e congrès international des jeunes ingénieurs géotechniciens qui aura lieu à Paris (France) à l'automne 2013. Ce prix est subventionné conjointement par le Comité sur l'éducation de la SCG et la Fondation canadienne de géotechnique. De nombreuses nominations de candidats exceptionnels ont été présentées. Les lauréats sont Nicholas Beier (University of Alberta) et Vincent Goreham (Dalhousie University).

Le Comité de l'informatique n'a pas été actif. Il faudrait envisager de déterminer si ce comité est toujours pertinent pour les membres.

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

Le Conseil canadien de recherche en géotechnique (CCRG) compte huit membres exécutifs. La présidence est assurée par Jean Côté (Université Laval), à titre intérimaire.

Le conférencier du Colloque de la 65^e conférence annuelle de Winnipeg était Andy Take (Queen's University). Trois candidats de choix ont été proposés pour le Colloque de 2014; le nom du candidat sélectionné sera annoncé lors de GéoMontréal 2013.

Au cours de l'année, le CCRG devra sélectionner un nouveau président pour le mandat de 2014-2017, et augmenter également le nombre de membres exécutifs. Il a indiqué qu'il continuera de se consacrer à aider les membres de la SCG, tant universitaires que praticiens, à participer à des projets de recherche. Il assumera aussi un rôle actif de promotion et de représentation des membres de la SCG auprès de comités consultatifs et dans le cadre de politiques.

Manuel canadien d'ingénierie des fondations

La traduction française de la 4^e édition de ce manuel a été réalisée par Jean Lafleur, Denis Lebœuf, Jean-Marie Konrad, Muhsen Elie Rahhal et Paul Chiasson. On peut acheter le manuel auprès de BiTech Publishers.

Bulletin Actualités de la SCG

Le bulletin Actualités de la SCG est publié quatre fois l'an dans le magazine *Geotechnical News* (mars, juin, septembre et décembre). Il est envoyé aux membres de la SCG par la poste et affiché sur le site Web de la SCG. Son nouveau rédacteur est Don Lewycky.

Vice-President Finance - Dharma Wijewickreme
Report of Activities - Fall 2013

General

The following is an update of the society's financial results for 2012, including year-to-date financial results (up to July 31, 2013) relative to the 2013 budget ratified by the membership at the 2012 annual conference in Winnipeg. The Balance Sheet containing the CGS's current assets and liabilities is also attached.

2012 Financial Results

The financial results for the year 2012 are summarized in the following tables. The audit for the 2012 fiscal year has now been completed by the auditors, Johnsen Archer LLC, and the tax return has been filed. The final result for 2012 was a net profit of \$136.00, despite the unbudgeted donation of \$60K made to the Canadian Foundation for Geotechnique's Student Scholarship fund. The approval for the donation was made at the CGS Annual General Meeting in October 2012, and hence was not part of the original 2012 budget ratified at the 2011 AGM.

	Revenue (x \$1,000)		
	2011 Actuals	2012	
		Ratified Budget	Year End Totals
Membership Dues	254.7	250.0	251.9
Publications	59.1	30.0	43.7
Conferences	18.3	22.0	70.6
Sponsorships	22.0	5.0	26.5
Miscellaneous	6.3	3.0	6.8
SUBTOTALS	360.4	310.0	399.5

	Expenses (x \$1,000)		
	2011 Actuals	2012	
		Ratified Budget	Year End Totals
Intl. Membership	35.3	30.0	33.2
Conference Expenses	3.8	13.0	3.0
Publication Costs	130.1	110.0	114.2
Staff fees and wages	131.4	140.0	144.9
Society Operations	43.7	50.0	44.0
Miscellaneous	0.4	2.0	0.1
One-time Donations			60.0
SUBTOTALS	344.7	345.0	399.4

PROFIT/LOSS	15.7	-35.0	0.1
--------------------	-------------	--------------	------------

Some of the specific details for 2012 and comparisons with the profit and loss figures for the previous year are given below.

It should be noted that CGS changed over to and adopted the Accounting Standards for Not-For-Profit Organizations ("ASNPO") for the financial year end 2012, where we had previously been using the Generally Accepted Accounting Principles ("GAAP"). The changes for the society are not significant but can be viewed in greater detail on page 6 of the auditor's report in the Notes to Financial Statements section.

Revenue Related Observations/Comments:

Similar to past years, the main sources of CGS revenue in 2012 are membership dues, publication income (mostly from sales of the *Canadian Foundation Engineering Manual* - CFEM), and profit from 2012 conferences (specifically \$50K from Winnipeg and \$20K from the ISL/NASL conference in Banff). Total revenue in 2012 was \$399.5K, up \$39.1K from 2011.

- Membership: CGS membership as of December 31, 2012 was 1214. This is 46 more than the end-of-the-year total in 2011 of 1168. However, total membership income was down slightly in 2012 by about \$2.8K in spite of the increase in members. Our recorded membership fees include payments for International, EIC memberships/journals and *Canadian Geotechnical Journal* subscriptions - CGS members are not taking as many external memberships and hard copy publications resulting in the lower membership revenue.
- Publications: The revenue from publications of \$43.7K is better than the \$30K assumed at the time of budget ratification. In 2012, 131 copies of the English *Canadian Foundation Engineering Manual* (CFEM) were sold.
- Conferences: Two conferences were held by the CGS in 2012. In addition to the annual CGS conference in Winnipeg, an international landslides symposium was held in Banff in June. The profits from the two conferences are as follows: CGS Winnipeg - \$50K and ISL/NASL - \$20K. These funds were received in 2013; however, they are included as accounts receivable in the 2012 statements. Note that net profits from the conferences are shared in accordance with the MOUs established amongst the CGS national body, the host local section (or technical committee), and other supporting parties, as appropriate.
- Sponsorships: A number of companies have participated in the 2012 CGS corporate sponsorship program, and their support is gratefully acknowledged. (Geo-Slope; Insitu Contractors; Klohn Crippen Berger; Knight Piésold Consultants Limited; MEG Consulting Inc.; Mobile Auger and Research; Naviq Consulting Inc.; Reinforced Earth Company Limited; Thurber Engineering Limited). Sponsorships contributions can be significantly affected especially due to the current national and global economic climate. Moreover, a \$20K extraordinary donation received from Klohn Crippen Berger in 2012 contributed to significantly increasing the total corporate sponsorship last year. Clearly, such significant contributions cannot be counted on as amounts that would continue in 2013 and beyond.
- Miscellaneous: Miscellaneous income derives predominantly from investment dividends. In a continuing climate of low interest rates, income from this source is minimal.

Expenses Related Observations/Comments:

The total cost to fund CGS operations in 2012 is \$399.4K, up by about \$55K from 2011 and the amount that was ratified for 2012. This is primarily due to a \$60,000, one-time donation to Canadian Foundation for Geotechnique as described later in this section.

- International Memberships: costing \$33.3K, are down by \$2K from 2011.
- Conference Expenses: CGS conference expenses totaled \$3K, and are down slightly from \$3.8 in 2011.
- Publication costs: The total publication costs associated with Geotechnical News, the online and print versions of the *Canadian Geotechnical Journal*, and the CFEM - totaled \$114K in 2012. Note: Initially, the French translation of the CFEM was to have been funded as a special project. As the total cost for this work was assessed to be less than originally anticipated, the expenses (and ultimately revenue) have been booked against the CGS's normal operating budget.
- Staff Costs: The total costs for CGS staff is \$145K, some \$13.6K higher than in 2011 (and \$15K greater than budgeted).
- Society Operations: Expenses for society operations were \$44K, and came in well under the budgeted \$50K.

- Miscellaneous: Miscellaneous expenses relate to unreimbursed Cross Canada Lecture Tour costs and they remain well under the \$1-2K level.
- One-time Donations: This includes a \$60,000 one-time Donation to Canadian Foundation for Geotechnique not originally budgeted for, but agreed to by the members and board at the annual meeting in Winnipeg, October 2012. This money is specified for their “Canadian Foundation for Geotechnique National Graduate Scholarship Fund.”

2013 Financial Update

The 2013 CGS budget ratified by the membership at the 2012 annual conference in Winnipeg is summarized below. Revenue and expense data to July 30, 2013 are also shown along with projections to year end. For comparison, 2012 actuals are provided. The numbers given should be examined bearing in mind that the report is based on early data.

	Revenue (x \$1,000)				
	2012 Actuals	2013			
		Ratified Budget	To July 31, 2013		Projected to year end
			\$	% of 2013	
Membership Fees	251.9	255.0	245.3	96.2%	255.0
Publications	43.7	45.0	22.1	49.1%	65.0
Conferences	70.6	25.0	0.0	0.0%	20.0
Sponsorships	26.5	8.0	2.5	31.3%	6.0
Miscellaneous	6.8	6.0	1.8	30.0%	5.0
SUBTOTALS	399.5	339.0	271.7	80.1%	351.0

	Expenses (x \$1,000)				
	2012 Actuals	2013			
		Ratified Budget	To July 31, 2013		Projected to year end
			\$	% of 2013	
Intl. Memberships	33.2	35.0	7.2	20.5%	35.0
Conference Expenses	3.0	5.0	0.0	0.0%	5.0
Publication Costs	114.2	130.0	95.1	73.2%	135.0
Staff fees and wages	144.9	135.0	77.2	57.2%	135.0
Society Operations	44.0	45.0	12.1	26.9%	45.0
Miscellaneous	0.1	0.0	0.7	N/A	5.0
One-time Donations	60.0	0.0	0.0	N/A	0.0
SUBTOTALS	399.4	350.0	192.3	54.9%	360.0
PROFIT/LOSS	0.1	-11.0	79.4	N/A	-9.0

Revenue Related Observations/Comments:

Again, the main sources of CGS revenue in 2013 are expected to be from membership fees, publication income (mostly from the CFEM), and profit from conferences (primarily the annual conference).

- Membership: Current active membership is 1,206 (as of July 31, 2013). Current Breakdown: 964 Regular, 91 Student, 55 Retired, 64 International, 27 CSCE and 5 NAGS. History - (2012 - 1214; 2011 - 1,168; 2010 - 1,203; 2009 - 1,208; 2008 - 1,202). Member dues are expected to remain as budgeted.
- Publications: In 2013, 50 copies of the English *Canadian Foundation Engineering Manual* (CFEM) have been sold as of July 31st. Although the revenue from English CFEM is expected to reduce, I am pleased

to report that the French edition of the *Manuel canadien d'ingénierie des fondations* (MCIF) has now been printed and was delivered to BiTech at the end of July 2013. This will be welcomed by our members in Eastern Canada who have been waiting for this for some time. Our sincere thanks to Jean Lafleur and his team for their assistance with this initiative. As the MCIF is now available for sale, the budget has reflected an increase in expected year-end publication revenue of \$20k.

- Conferences: Two conferences are planned by the CGS in 2013
 1. 66th Canadian Geotechnical Conference in Montreal, Quebec, Canada, September 29 – October 03, 2013, in cooperation with the International Association of Hydrogeologists – Canadian National Chapter (IAH-CNC) and the North American Geosynthetics Society (NAGS). Seed money of \$10K has been provided to the local organizing committee.
 2. 4th Canadian Young Geotechnical Engineers and Geoscientists Conference (4thcYGEGC) in Tremblant, Quebec, October 3 to 6, 2013; seed funding of \$5K provided.

Seed money of \$1,000 has also been provided for the 3rd Climate Change Technology Conference that was held on May 27-29, 2013, Montreal, Quebec organized by The Engineering Institute of Canada.

The revenue from conferences in 2013 will be less compared to 2012 as we have no specialty conference(s) other than the annual CGS conference in Montreal. Due to the conference profit sharing agreements with the other organizations, and the higher expenses to run the conference in Montreal than in Winnipeg in 2012, this revenue has been conservatively estimated in 2013 and the year-end projection for the CGS National share has been reduced to \$20K.

For the year 2014: the 67th CGS conference will be held in Regina. The 6th Canadian GeoHazards Conference (GeoHazards6) will be held in Kingston, Ontario, 15-18 June 2014 (an MOU with the organizers has been signed, and seed funding of \$10,000 has been provided.)

- Sponsorships: We have planned to launch the sponsorship campaign for 2013 in August. Three companies have already paid for 2013 (Stantec, Rocscience and Inspecsol). Corporate Sponsor income is currently much lower than the total received at about the same time in 2012 as the campaign launch has been late in getting underway. The generous lump sum funding received from Klohn Crippen Berger in 2011 and 2012 cannot be expected to continue in 2013.
- Miscellaneous: Miscellaneous income derives predominantly from investment dividends. In a continuing climate of low interest rates, income from this source is minimal. Interest income is lower in the first half of 2013 due to a large GIC amount that matured in 2012 and was not reinvested. Work is underway to determine what would be the best way to reinvest these funds.

Expenses Related Observations/Comments:

- International Memberships: CGS expenses expected to be in line with the ratified budget of \$35K.
- Conference Expenses: CGS expenses expected to be in accord with the ratified budget of \$5K.
- Publication costs: The publication costs include the publishing of *Geotechnical News*, the *Canadian Foundation Engineering Manual* and the cost for online and printed copies of the *Canadian Geotechnical Journal*. The *Manuel canadien d'ingénierie des fondations* (MCIF) was set up and printed at a cost of \$19.5K in 2013. Due to the expected increase in sales of the MCIF to year-end, an additional estimate of \$5,000 has been added to the publication costs to cover sales commissions, bringing the year-end estimate to \$135,000.
- Staff Costs: CGS expenses are expected to be in accord with the ratified budget of \$135K.
- Society Operations: CGS expenses are expected to be in accord with the ratified budget of \$45K.
- Miscellaneous: Miscellaneous expenses relate to unreimbursed Cross Canada Lecture Tour costs and they expect to remain under \$2K. A one-time cost of \$4K has been allowed to produce mugs imprinted with the CGS logo. The mugs are to be distributed free of charge to the Montreal CGS conference

attendees. This initiative is important to raise the profile of the CGS with younger members, and it is in line with the ideas that were initially developed by the CGS Membership Committee in September 2011.

CGS budgets are historically conservative, and a loss of \$11K was ratified for 2013. Projections to the year-end continue to predict a loss of approximately \$10K.

Proposed Budget for 2014

It is proposed that CGS membership dues remain unchanged in 2014. It is assumed that total member numbers will hold steady in 2014 so membership income will be similar to recent years.

Publication income in 2014 is projected to remain relatively steady with the sales of the French MCIF making up for the slowdown in sales of the English CFEM – to stay conservative, an estimate of \$5K less in revenue for 2014 has been assumed. Publication costs will drop in 2014 as set up and printing costs for the MCIF were fully paid for in 2013 – these have been estimated to drop to \$115K in 2014.

The annual CGS conference in Regina is anticipated to make profit; however, it is unlikely to match that from the 2012 conference in Winnipeg where the national share of the net was \$50K. Typical sponsorship income for 2014 has been assumed to be about of 40% of the 2012 net proceeds

No significant changes in Society operation costs are expected in 2014. While keeping this in mind, an increase of \$5K has been assumed to cover inflationary effects. The overall Staff Fees and Wages budget has been estimated to be about 5% more than the amount that was projected for the 2013 year end. It is noted that the 2014 miscellaneous budget component has been increased to \$22K to cover new Society initiatives as voted by the CGS Board at their September 29, 2013 meeting.

The net result is a budget which proposes a loss of \$20K. Considering the overall healthy financial position of the CGS, combined with the significantly better financial performance that materialized in 2012 compared to the ratified budget for that year, it is considered acceptable to budget for a \$20K loss for the year 2014.

	Revenue (x \$1,000)			
	2012 Actuals	2013		Proposed 2014 Budget
		Ratified Budget	Projected to year end	
Membership Dues	251.9	255.0	255.0	255.0
Publications	43.7	45.0	65.0	60.0
Conferences	70.6	25.0	20.0	20.0
Sponsorships	26.5	8.0	6.0	10.0
Miscellaneous	6.8	6.0	5.0	5.0
SUBTOTALS	399.5	339.0	351.0	350.0

	Expenses (x \$1,000)			
	2012 Actuals	2013		Proposed 2014 Budget
		Ratified Budget	Projected to year end	
Intl. Memberships	33.2	35.0	35.0	35.0
Conference Expenses	3.0	5.0	5.0	6.0
Publication Costs	114.2	130.0	135.0	115.0
Staff fees and wages	145.0	135.0	135.0	142.0
Society Operations	43.9	45.0	45.0	50.0
Miscellaneous	60.1	0.0	5.0	22.0
SUBTOTALS	399.4	350.0	360.0	370.0
PROFIT/LOSS	0.1	-11.0	-9.0	-20.0

Vice-président des finances - Dharma Wijewickreme
Rapport d'activités - Automne 2013

Généralités

Ce rapport présente une mise à jour du bilan financier de la Société canadienne de géotechnique (SCG) pour l'exercice 2012, dont les chiffres cumulés à ce jour (jusqu'au 31 juillet 2013) pour comparaison avec le budget ratifié par les membres pour l'exercice 2013, lors de la conférence annuelle de 2012 à Winnipeg. Un bilan faisant état de l'actif et du passif actuels de la SCG se trouve en annexe.

Bilan financier de 2012

Le bilan financier de l'exercice 2012 est résumé dans les tableaux ci-dessous. La firme Johnsen Archer LLP a terminé la vérification indépendante du bilan financier de l'exercice 2012 et a soumis la déclaration de revenus. Malgré le don non prévu au budget de 60 000 \$ versé aux fonds de la Bourse pour études supérieures de la Fondation de géotechnique canadienne, le bilan final de l'exercice 2012 est un profit net de 136,00 \$.

	Revenus (en milliers de \$)		
	Réels 2011	2012	
		Budget ratifié	Totaux – Fin de l'exercice
Cotisations des membres	254,7	250,0	251,9
Publications	59,1	30,0	43,7
Conférences	18,3	22,0	70,6
Commandites	22,0	5,0	26,5
Divers	6,3	3,0	6,8
SOUS-TOTAUX	360,4	310,0	399,5

	Dépenses (en milliers de \$)		
	Réelles 2011	2012	
		Budget ratifié	Totaux – Fin de l'exercice
Adhésions internationales	35,3	30,0	33,2
Dépenses associées aux conférences	3,8	13,0	3,0
Coûts de publication	130,1	110,0	114,2
Honoraires et rémunération du personnel	131,4	140,0	144,9
Activités d'exploitation de la Société	43,7	50,0	44,0
Divers	0,4	2,0	0,1
Dons ponctuels			60,0
SOUS-TOTAUX	344,7	345,0	399,4
PROFITS/PERTES	15,7	-35,0	0,1

Les précisions sur l'exercice 2012 et la comparaison avec les pertes et profits de l'exercice précédent sont présentées ci-dessous.

Il convient de mentionner que la SCG a adopté de nouveaux principes comptables pour l'exercice de 2012. Elle est passée des principes comptables généralement reconnus (PCGR) aux principes comptables pour les organismes à but non lucratifs (PCOBL). Cela n'a pas entraîné de changements importants pour la SCG, mais on peut prendre connaissance des détails à la page 6 du rapport des vérificateurs, dans la section Notes to Financial Statements (notes afférentes aux états financiers).

Remarques sur les revenus

Comme par les années passées, les principales sources de revenus de la SCGG pour l'exercice 2012 ont été les cotisations des membres, les revenus de publication (principalement les ventes du Canadian Foundation Engineering Manual ou CFEM) et les recettes des conférences de 2012 (plus précisément, 50 000 \$ de la conférence de Winnipeg et 20 000 \$ de la conférence SIGT/SNAGT à Banff). En 2012, le total des revenus s'élevait à 399 500 \$, soit 39 100 \$ de plus qu'en 2011.

- Nombre de membres : Au 31 décembre 2012, la SCG comptait 1 214 membres, ce qui représente 46 de plus que le total de la fin de l'exercice 2011, qui était de 1 168. Toutefois, malgré l'augmentation du nombre de membres, le total des revenus émanant des cotisations était légèrement inférieur d'environ 2 800 \$ en 2012. Les cotisations de membres figurant à nos dossiers comprennent les adhésions internationales et à l'ICI, ainsi que des abonnements à diverses revues savantes et à la Revue canadienne de géotechnique. Les membres de la SCG ont payé moins d'adhésions externes et d'abonnements à des publications imprimées. Cela a entraîné une baisse des revenus émanant des cotisations.
- Publications : Les revenus de publication ont atteint 43 700 \$, ce qui est supérieur à la somme de 30 000 \$ qui avait été prévue au moment de la ratification du budget. En 2012, nous avons vendu 131 exemplaires du manuel anglais Canadian Foundation Engineering Manual (CFEM).
- Conférences : En 2012, la SCG a tenu deux conférences. En plus de la conférence annuelle de la SCG à Winnipeg, un symposium international sur les glissements de terrain a eu lieu à Banff, en juin. Voici les recettes de ces deux conférences : 50 000 \$ pour la conférence de la SCG à et 20 000 \$ pour la SIGT/SNAGT. Nous avons reçu ces fonds en 2013. Toutefois, ils sont inclus dans les comptes débiteurs des états de 2012. Il convient de souligner que les recettes nettes des conférences sont partagées selon les protocoles d'entente établis entre la SCG (la Société nationale), la section locale qui accueille une conférence et les autres organismes participants, le cas échéant.
- Commandites : De nombreuses entreprises ont participé au programme de commandites de sociétés 2012 de la SCG et nous leur sommes très reconnaissants de leur soutien. (Geo-Slope; Insitu Contractors; Klohn Crippen Berger; Knight Piésold Consultants Limited; MEG Consulting Inc.; Mobile Auger and Research; Naviq Consulting Inc.; Reinforced Earth Company Limited; Thurber Engineering Limited). Les contributions des commanditaires peuvent être fortement réduites, tout particulièrement en raison du climat économique actuel à l'échelle nationale et à l'échelle mondiale. De plus, un don extraordinaire de 20 000 \$ de la part de Klohn Crippen Berger en 2012 a beaucoup contribué à augmenter le total des commandites de sociétés pendant le dernier exercice. À l'évidence, on ne peut escompter que des contributions aussi importantes se répéteront en 2013 et après.
- Divers : Les revenus divers découlent principalement de dividendes de placement. Comme les faibles taux d'intérêt se maintiennent, les revenus provenant de cette source sont minimes.

Remarques sur les dépenses

Le total des dépenses de fonctionnement de la SCG s'élevait à 399 400 \$ en 2012, ce qui constitue une hausse d'environ 55 000 \$ par rapport à 2011 et au montant qui avait été ratifié pour l'exercice 2012. Cette hausse est principalement attribuable à un don ponctuel de 60 000 \$ de la Fondation canadienne de géotechnique, décrit plus loin dans cette section.

- Adhésions internationales : Coûts de 33 300 \$, baisse de 2 000 \$ par rapport à 2011.
- Dépenses associées aux conférences : Les dépenses de la conférence de la SCG ont atteint 3 000 \$, ce qui représente un montant légèrement inférieur à celui de 3 800 \$ en 2011.
- Coûts des publications : En 2012, le total des coûts de publication associés au magazine Geotechnical News, aux versions en ligne et imprimée de la Revue canadienne de géotechnique, ainsi qu'au manuel anglais CFEM a atteint 114 000 \$. Note : À l'origine, la traduction française du CFEM devait être subventionnée à titre de projet spécial. Comme on a déterminé que le total des coûts de cette traduction était moins élevé que prévu, les dépenses (et les revenus) ont été

absorbées dans le budget de fonctionnement normal de la SGC.

- Coûts associés au personnel : La rémunération du personnel de la SCG a totalisé 145 000 \$, soit 13 600 \$ de plus qu'en 2011 (et 15 000 \$ de plus que les prévisions budgétaires).
- Activités d'exploitation de la Société : Les dépenses des activités d'exploitation de la Société ont représenté 44 000 \$, une somme bien moins importante que celle de 50 000 \$ prévue au budget.
- Divers : Les dépenses diverses sont associées à des coûts non remboursés de la Tournée de conférences pancanadiennes. Elles représentent une somme inférieure à entre 1 000 \$ et 2 000 \$.
- Dons ponctuels : Cette catégorie désigne un don ponctuel de 60 000 \$ de la Fondation canadienne de géotechnique qui n'avait pas été prévu au budget, mais qui avait été ratifié par les membres et le conseil d'administration lors de l'assemblée annuelle d'octobre 2012, à Winnipeg. Ces fonds sont réservés à la Bourse nationale pour études supérieures de la Fondation canadienne de géotechnique.

Mise à jour financière pour 2013

Le budget 2013 de la SCG qui a été ratifié par les membres lors de la conférence annuelle à Winnipeg est résumé ci-dessous. Les revenus et les dépenses au 30 juillet 2013 sont également indiqués, ainsi que les prévisions pour la fin de l'exercice. Les données réelles de l'exercice 2012 sont fournies à titre comparatif. Il faut examiner ces montants en gardant à l'esprit que ce rapport repose sur des données préliminaires.

	Revenus (en milliers de \$)				
	Réels 2012	Budget ratifié	2013		Totaux – Fin de l'exercice
			Au 31 juillet 2013		
			\$	% de 2013	
Cotisations des membres	251,9	255,0	245,3	96,2 %	255,0
Publications	43,7	45,0	22,1	49,1 %	65,0
Conférences	70,6	25,0	0,0	0,0 %	20,0
Commandites	26,5	8,0	2,5	31,3 %	6,0
Divers	6,8	6,0	1,8	30,0 %	5,0
SOUS-TOTAUX	399,5	339,0	271,7	80,1 %	351,0

	Dépenses (en milliers de \$)				
	Réelles 2012	Budget ratifié	2013		Totaux – Fin de l'exercice
			Au 31 juillet 2013		
			\$	% de 2013	
Adhésions internationales	33,2	35,0	7,2	20,5 %	35,0
Dépenses associées aux conférences	3,0	5,0	0,0	0,0 %	5,0
Coûts de publication	114,2	130,0	95,1	73,2 %	135,0
Honoraires et rémunération du personnel	144,9	135,0	77,2	57,2 %	135,0
Activités d'exploitation de la Société	44,0	45,0	12,1	26,9 %	45,0
Divers	0,1	0,0	0,7	S.o.	5,0
Dons ponctuels	60,0	0,0	0,0	S.o.	0,0
SOUS-TOTAUX	399,4	350,0	192,3	54,9 %	360,0
PROFITS/PERTES	0,1	-11,0	79,4	S.o.	-9,0

Remarques sur les revenus

Pour l'exercice 2013, on prévoit que les principales sources de revenus de la SCG demeurent les cotisations des membres, les revenus de publication (principalement du CFEM et du MCIF), et des recettes des conférences (principalement, la conférence annuelle).

- Nombre de membres : À l'heure actuelle, nous comptons 1 206 membres (au 31 juillet 2013), dont voici la compilation actuelle : 964 membres réguliers, 91 membres étudiants, 55 membres à la retraite, 64 membres internationaux, 27 de la SCGC et 5 membres de la NAGS. Historique des adhésions (1 214 en 2012; 1 168 en 2011; 1 203 en 2010 et 1 202 en 2009). On prévoit que les cotisations des membres seront conformes aux prévisions budgétaires.
- Publications : Au 31 juillet 2013, nous avons vendu 50 exemplaires du manuel anglais Canadian Foundation Engineering Manual (CFEM). Même si on prévoit une diminution des revenus de vente du manuel anglais CFEM, je suis heureux de mentionner que l'édition française du CFEM, je suis heureux d'annoncer que l'édition française du CFEM, qui s'intitule Manuel canadien d'ingénierie des fondations (MCIF), est désormais sortie des presses et a été livrée à BiTech à la fin de juillet 2013. Cette version du manuel sera bien accueillie de la part de nos membres de l'est du Canada, qui l'attendent depuis longtemps. Nous adressons nos remerciements les plus sincères à Jean Lafleur et à son équipe, pour leur participation à cette initiative. Comme le MCIF est désormais disponible pour la vente, le budget en a tenu compte en prévoyant une augmentation de 20 000 \$ des revenus de publication à la fin de l'exercice..
- Conférences : En 2013, la SCG prévoit tenir deux conférences.
 1. La 66e conférence annuelle canadienne de géotechnique, en collaboration avec l'Association internationale des hydrogéologues - Section nationale canadienne (AIH-SCN) et la North American Geosynthetic Society (NAGS), qui aura lieu à Montréal (Québec), au Canada, du 29 septembre au 3 octobre 2013. Le Comité organisateur local a reçu une somme de 10 000 \$, à titre de fonds de démarrage.
 2. La 4e conférence canadienne des jeunes géotechniciens et géoscientifiques (ou 4e cYGEFC), qui aura lieu à Mont-Tremblant, au Québec, du 3 au 6 octobre 2013. Une somme de 5 000 \$ a été versée, à titre de fonds de démarrage.

On a également versé 1 000 \$ en fonds de démarrage à la 3e conférence sur les technologies du changement climatique (CTCC 2013) qui a eu lieu à Montréal du 27 au 29 mai 2013, au Québec. Elle avait été organisée par l'Institut canadien des ingénieurs (ICI).

Les revenus des conférences de 2013 seront inférieurs à ceux de 2012, parce que n'avons organisé aucune autre conférence de spécialité professionnelle que la conférence annuelle de la SCG à Montréal. En raison des protocoles d'entente sur la répartition des recettes des conférences avec d'autres organisations, et des dépenses plus élevées de la tenue de la conférence de Montréal comparativement à celle de Winnipeg en 2012, nous avons fait des estimations prudentes pour 2013 et la prévision de la part que recevra la Société nationale à la fin de l'exercice a été réduite à 20 000 \$.

Durant l'exercice 2014, la 67e conférence annuelle de la SCG aura lieu à Regina. La 6e conférence canadienne sur les géorisques (Géorisques 6) aura lieu à Kingston (Ontario), du 15 au 18 juin 2014 (le protocole d'entente a été signé avec les organisateurs et des fonds de démarrage s'élevant à 10 000 \$ ont été versés).

- Commandites : Nous avons planifié de lancer une campagne de commandites pour l'exercice 2013, en août. Trois sociétés ont déjà versé des commandites pour l'exercice 2013 (Stantec, Rocscience et Inspecol). À l'heure actuelle, les revenus des commandites de sociétés sont très inférieurs au total reçu à la même période en 2012, car la campagne a été lancée en retard. On ne peut s'attendre à recevoir, en 2013, les généreux montants versés par Klohn Crippen Berger en 2011 et en 2012.
- Divers : Les revenus divers découlent principalement de dividendes de placement. Comme les faibles taux d'intérêt se maintiennent, les revenus provenant de cette source sont minimes. Les

revenus en intérêts sont plus faibles durant la première moitié de l'exercice 2013, à cause d'une vaste somme investie dans un certificat de placement garanti échu en 2012 et qui n'a pas été réinvestie. On étudie présentement ce qui constituerait la meilleure façon d'investir ces fonds.

Remarques sur les dépenses

- Adhésions internationales : On prévoit que les dépenses de la SCG se conformeront au budget ratifié de 35 000 \$.
- Dépenses associées aux conférences : On prévoit que les dépenses de la SCG se conformeront au budget ratifié de 5 000 \$.
- Coûts de publications : Les coûts de publication comprennent la publication du magazine Geotechnical News, du Canadian Foundation Engineering Manual et des versions en ligne et imprimé de la Revue canadienne de géotechnique. En 2013, le Manuel canadien d'ingénierie des fondations (MCIF) a été mis en page et imprimé à des coûts s'élevant à 19 500 \$. En raison de l'augmentation prévue des ventes du MCIF d'ici la fin de l'exercice, on a ajouté une somme de 5 000 \$ aux coûts de publication, pour couvrir les commissions de vente, faisant passer le montant de fin d'exercice prévu à 135 000 \$.
- Coûts associés au personnel : On prévoit que les dépenses de la SCG seront conformes au budget ratifié de 135 000 \$.
- Activités d'exploitation de la Société : On prévoit que les dépenses de la SCG seront conformes au budget ratifié de 45 000 \$.
- Divers : Les dépenses diverses sont associées à des coûts non remboursés de la Tournée de conférences pancanadiennes. On s'attend à ce qu'elles demeurent inférieures à 2 000 \$. Une dépense ponctuelle de 4 000 \$ a été autorisée, afin de produire des tasses arborant le logo de la SCG. Ces tasses seront distribuées gratuitement aux délégués assistant à la conférence de la SCG à Montréal. L'initiative est importante, afin d'augmenter la visibilité de la SCG auprès des jeunes membres. Elle est conforme aux suggestions formulées en 2011 par le Comité des cotisations de la SCG.

Les budgets de la SCG sont traditionnellement conservateurs. Pour l'exercice 2013, on avait ratifié une perte de 11 000 \$. Pour la fin de l'exercice, les prévisions portent toujours sur une perte s'élevant à environ 10 000 \$.

Budget proposé pour 2014

Il est proposé que les cotisations des membres ne changent pas en 2014. On présume que le nombre total de membres se maintiendra en 2014 et que, par conséquent, les revenus provenant de cette source seront équivalents à ceux de ces dernières années.

On prévoit que les revenus de publication demeurent relativement stables en 2014. Les ventes du manuel français MCIF devraient compenser la baisse des ventes du manuel anglais CFEM. Pour demeurer prudent, on a estimé une réduction de 5 000 \$ des revenus pour l'exercice 2014. Les coûts de publication baisseront en 2014, car les coûts de mise en page et d'impression du MCIF ont été entièrement assumés en 2013. Pour 2014, on prévoit qu'ils baisseront à 115 000 \$.

Il est prévu que la conférence annuelle de la SCG (à Regina) soit profitable. Toutefois, ses recettes ne correspondront probablement pas à celles de la conférence de 2012 (à Winnipeg), année où la part nette de la Société nationale avait atteint 50 000 \$. Pour l'exercice 2014, il est estimé que les revenus de commandite s'élèveraient, comme à l'habitude, à environ 40 % des produits nets de 2012.

On ne s'attend à aucun changement important relativement aux coûts des activités d'exploitation de la Société pour l'exercice 2014. Tout en gardant cela à l'esprit, on a prévu une augmentation de 5 000 \$, afin de suivre l'inflation. Par rapport aux prévisions de la fin d'exercice 2013, on a prévu une augmentation d'environ 5 % du budget des honoraires et de la rémunération du personnel. On souligne que le poste

budgétaire « Divers » a été augmenté à 22 000 \$, pour financer les nouvelles initiatives de la Société qui ont été adoptées lors de la réunion du conseil d'administration du 29 septembre 2013.

Le résultat net est un budget qui propose une perte de 22 000 \$. Étant donné la bonne situation financière générale de la SCG, combinée à la prestation financière beaucoup plus favorable de la Société durant l'exercice 2012 comparativement au budget ratifié pour cet exercice, la perte de 22 000 \$ est considérée comme étant acceptable pour l'exercice 2014.

	Revenus (en milliers de \$)			
	Réels 2012	2013		Budget proposé 2014
		Budget ratifié	Totaux – Fin de l'exercice	
Cotisations des membres	251,9	255,0	255,0	255,0
Publications	43,7	45,0	65,0	60,0
Conférences	70,6	25,0	20,0	20,0
Commandites	26,5	8,0	6,0	10,0
Divers	6,8	6,0	5,0	5,0
SOUS-TOTAUX	399,5	339,0	351,0	350,0

	Dépenses (en milliers de \$)			
	Réelles 2012	2013		Budget proposé 2014
		Budget ratifié	Totaux – Fin de l'exercice	
Adhésions internationales	33,2	35,0	35,0	35,0
Dépenses associées aux conférences	3,0	5,0	5,0	6,0
Coûts de publication	114,2	130,0	135,0	115,0
Honoraires et rémunération du personnel	145,0	135,0	135,0	142,0
Activités d'exploitation de la Société	43,9	45,0	45,0	50,0
Divers	60,1	0,0	5,0	22,0
SOUS-TOTAUX	399,4	350,0	360,0	355,0
PROFITS/PERTES	0,1	-11,0	-9,0	-20,0

Vice President Communications - Catherine Mulligan
Report of Activities - July 1, 2012 to June 30, 2013

Introduction

This report is a summary of the activities related to communication with CGS members. It deals with the CGS website, the E-news electronic magazine and with promotional material. The first part (July 1st to December 31st, 2012) was prepared by Jean-Marie Konrad whose mandate ended Dec. 31, 2012 and the rest by the current VP Communications, Catherine Mulligan.

CGS E-News

During that period, two issues have been published in 2012. A reduced version called E-News Express at the beginning of September and a regular issue in November. That gave a total of four E-News publications to our members in 2012 (February, June, September and November). In 2013, so far in February 2013, No. 59 has been issued. A mini e-news was sent out in May 2013 regarding the 3rd Climate Change Technology Conference, May 27-29, 2013; GeoMontreal 2013; 4th Canadian Young Geotechnical Engineers and Geoscientists Conference and the Call for Nominations - CGS President-Elect. Separate GeoMontreal 2013 e-news messages have been issued.

CGS Website

The French translation of the Society's web site has been completed during that period. The last section of the web site that had to be translated is the CGS Member Secure Area. Now all the sections have translated.

CGS Website

Calendar of Events

The CGS Calendar of Events has become a very popular informational tool. At the time of writing this report, 34 events were posted for 2013.

Requests for postings on the CGS online Calendar of Events are forwarded to the VP Communications by e-mail or are directly submitted by organizations using the online entry link on the CGS website. As postings are region-specific, branches are encouraged to post their events in the online calendar so members can easily find upcoming events in their area.

Online registration

Due to upgrades made to the online registration module of the CGS website, 2013 membership renewal was a very smooth process for our members. The office did not receive calls from members that were unable to reach the credit card approval stage of the process due to security issues with various systems. The security of the site is still very high and remains unchanged. This change is credited with a higher number of Active 2013 members than in 2012 at this same time.

Other items

Due to the upcoming publication of the *Manuel canadien d'ingénierie des fondations*, 4e edition, 2013, efforts are being made to publicize this.

Vice-président aux communications - Catherine Mulligan
Rapport d'activités - 1^{er} juillet 2012 au 30 juin 2013

Introduction

Ce rapport intermédiaire résume les activités de communications avec les membres de la SCG. Il traite du site Web de la SCG, du bulletin électronique et du matériel promotionnel.

Bulletin électronique de la SCG

Pendant la période visée, deux numéros ont été publiés en 2012, soit une version condensée de type « express » au début de septembre et un numéro ordinaire en novembre. Au total, quatre bulletins électroniques ont été envoyés à nos membres en 2012 (février, juin, septembre et novembre). Jusqu'ici en 2013, le bulletin no 59 a été publié (en février). Un mini-bulletin a été envoyé en mai 2013, au sujet de la 3^e conférence sur les technologies du changement climatique (CTCC 2013), qui a eu lieu du 27 au 29 mai 2013; sur GéoMontréal 2013; sur la 4^e conférence canadienne des jeunes géotechniciens et géoscientifiques et sur l'appel de nominations pour le poste de président désigné de la SCG. Un bulletin électronique séparé a été consacré à GéoMontréal 2013.

Site Web de la SCG

La traduction française du site Web de la SCG a pris fin durant cette période. La dernière section à traduire était la section réservée aux membres. À l'heure actuelle, toutes les sections sont traduites.

Site Web de la SCG

Calendrier des événements

Le calendrier des événements de la SCG est devenu un outil de diffusion d'information très populaire. Au moment de la rédaction de ce rapport, 34 événements avaient été affichés pour 2013.

Les demandes de publication au calendrier des événements en ligne de la SCG sont acheminées à la vice-présidente des communications par courriel ou directement soumises par les organismes, à l'aide de l'hyperlien du site Web. Comme on peut rechercher les annonces d'événements par région, on encourage les sections à publier leurs événements sur le calendrier en ligne, pour que leurs membres puissent trouver facilement ce qui aura lieu dans leur région.

Adhésions en ligne

Grâce aux améliorations apportées au module d'adhésions en ligne du site Web de la SCG, le renouvellement des adhésions des membres pour l'année 2013 s'est avéré un processus très facile. Le bureau n'a reçu aucun appel de la part de membres ne parvenant pas à l'étape d'approbation de leur carte de crédit à cause de problèmes de sécurité avec divers systèmes. La sécurité du site demeure très élevée et n'a pas changé. On attribue ce changement à un nombre plus élevé de membres actifs en 2013, comparativement à 2012 pour la même période.

Autres sujets

En raison de la publication imminente du *Manuel canadien d'ingénierie des fondations*, 4^e édition, 2013, nous avons entrepris des initiatives de publicité à ce sujet.

Soumis par :

La première partie de ce rapport (du 1^{er} juillet au 31 décembre 2012) a été préparée par Jean-Marie Konrad, dont le mandat a pris fin le 31 décembre 2012. La portion restante a été préparée par la vice-présidente en poste, Catherine Mulligan.

Section Summary Report - Paul Dittrich, Sections Representative
Report of Activities - July 1, 2012 to June 30, 2013

Section final annual reports for the period from July 1, 2012 - June 30, 2013 have been submitted by the Local Sections of the CGS. Most local sections have reported being active during the year, with the exception of New Brunswick and Sudbury. Active local sections have provided their members access to technical presentations (at lunch or dinner lectures), 1-day Short-Courses, and special events such as the fall and spring Cross-Canada Lecture Tour, Student Competitions and social activities (including Wine & Cheese events, golf tournaments and Annual Dinners). Participation at the events has generally ranged from about 20 to 100 attendees (with some events attracting more than 250 participants). The total numbers of events are summarized in the table below. A new event worthy of mention was a Settlement Prediction Contest (put on by the CGS-SOS Toronto Group) that attracted over 20 participants. Membership in the local Sections reportedly ranges from about 20 to more than 250 members.

The financial status of the majority of the sections remains in excellent condition. Most sections have about \$5,000 or more on account (but many have more than about \$20,000) while a few of the smaller sections are operating on a break-even basis with less than \$1,000 in the bank. Many of the larger sections continue to sponsor students or engineers-in-training to attend annual CGS conferences.

A summary of the available information from the Sections (grouped by Regions) is shown below. Further information regarding the local programming is provided in the reports prepared by each of the Section Directors and attached in the following pages.

Region	Section	Executive Members	Number of Events					Total Events
			CCLT	Technical Presentations	Workshops/ Short Courses	Student Events	Golf/Social Events	
Atlantic	New Brunswick		<i>currently inactive</i>					
	Nova Scotia	5	1	2				3
	St. John's, NL	4		2				2
Eastern Quebec	Quebec City	14	2	6				8
Western Quebec	Montreal ⁽²⁾	6	2	4		2	1	9
Northern and Eastern Ontario	Kingston	7	1	3		2		6
	Ottawa	13	2	4	1	1	1	9
	Thunder Bay	5		1				1
Southern Ontario	London	17		7				7
	Sudbury	2						0
	Toronto	12	2	3	1	1	3	10
Manitoba	Winnipeg ⁽¹⁾	9	2	4				6
Saskatchewan	Regina	4	1					1
	Saskatoon	9	1	4	1			6
Southern Alberta	Calgary	12	2	7				9
Northern Alberta N.W. Territories and Yukon	Edmonton	15	2	5	2	1	1	11
British Columbia	BC Interior	3		2		1		3
	Prince George	3	1					1
	Vancouver	9	2	9				11
	Vancouver Island	4	2	6				8
Total	20	153	23	69	5	8	6	111

Notes:

1. Hosted 65th Canadian Geotechnical Conference in Winnipeg.
2. Preparing to host the 66th Canadian Geotechnical Conference/11th Joint CGS/IAH-CNC Groundwater Conference in Montreal (Co-Chaired by Mario Ruel and Sylvain Roy).

Vancouver Island Geotechnical Group - J. Suzanne Powell, Section Director
Annual Report of Activities - July 1, 2012 to June 30, 2013

Introduction

This report summarizes the activities of the Vancouver Island Geotechnical Group (VIGG) of the Canadian Geotechnical Society for the period from July 1, 2012 to June 30, 2013. The group has active members across southern and central Vancouver Island, BC.

Executive Committee

The 2012-2013 executive committee of the Vancouver Island Geotechnical Group consists of the following members:

Section Director/Chair: J. Suzanne Powell, PhD., EIT, Thurber Engineering Ltd.
Program Director/Past Chair: Jay McIntyre, P.Eng., Thurber Engineering Ltd.
Secretary / Treasurer: Sarah Morse, P.Eng., Golder Associates Ltd.
Registrar: Andrew Jackson, GIT, Ryzuk Geotechnical

Membership

According to CGS records, there are approximately 35 CGS members within our region. In general, most of our regular attendees (20 to 30 professionals) are CGS members. The remaining attendees are comprised of non-geotechnical professionals (hydrogeologists, geophysicists, etc.) and retired engineers.

Meetings

The Vancouver Island Geotechnical Group conducts its meetings in a luncheon format in Victoria, BC. Our meetings typically run from September to April each year. We have continued to try to provide attendees with a wide variety of topics. A total of eight luncheons were held between July 1, 2012 and June 30, 2013, with guest speakers and topics as indicated in Table 1 below. Our January luncheon provided two 30 min presentation slots compared to the traditional 1 hour slot to encourage participation from colleagues who have interesting case histories to discuss, however may not have a full hour of content to present. The format was very well received by our members and achieved our highest attendance this year. We had an excellent turn out for Bob Cameron's Cross Canada Lecture in April. Although Bob's flight to the island was delayed by weather, in the end it only delayed the talk by 30 min. Jay McIntyre presented on BC's Seismic Design Guidelines for Dikes to finish off this year's session.

TABLE 1 – VIGG Talks (September, 2012 to June, 2013)

Date	Speaker	Attendance	Topic
October 3, 2012	Peter Bullock, BC Ministry of Transportation and Infrastructure	21	Innovation on BC's Highways – The Top Down Approach.
October 31, 2012	Mike Jefferies, Ph.D., P.Eng.	22	Flaws in the NCEER liquefaction assessment method and how to fix them (Fall 2012 CCLT).
November 20, 2012	Tim Little, P.Eng, T.E. Little Engineering	27	Seismic Hazard Analysis in British Columbia: Where Have We Been? Where Are We Headed?
January 22, 2013	Ryan Bouma, P.Eng., Levelton Consultants Ltd.	32	Lesson's Learned From Drilling Over Abandoned Coal Mines.
	Bruce Dagg, P.Eng., Ryzuk Geotechnical		A Tale of Three Geotechnical Consultants, Two City Departments, and a Cost-Conscious Client
February 19, 2013	Dave Polster, M.Sc., R.P. Bio.	19	Natural Process for the Restoration of Drastically Disturbed Sites

March 19, 2013	Herb Hawson, P.Eng., Golder Associates Ltd.	31	A Geotechnical Perspective of Damage from the 2010/2011 Earthquakes at Christchurch, New Zealand
April 19, 2013	Bob Cameron, B.A.Sc., M.A.Sc., P.Eng., Syncrude	33	Case Studies in Soil Parameter Selections for Clay (Spring 2012 CCLT).
May 28, 2013	Jay McIntyre, P.Eng, Thurber Engineering Ltd.	22	BC's Seismic Design Guidelines for Dikes – A Work in Progress

Financial Status

The 2011-2012 year-end balance was \$2885.54. Last year we instituted a voluntary annual membership fee for CGS members, whereby members receive a nominal discount for the luncheon costs. This fee has been well received by our members and provides a modest increase in our yearly revenue as we generally make little profit on each of the luncheons.

Our 2012-2013 year-end balance is \$3444.99. This is higher than initially projected in March as we earned a small profit at the CCLT, which was initially projected as a loss (see below), and we were able secure a speaker for a May talk.

Due to a scheduling conflict at our standard venue the Spring CCLT was moved to an alternate, more expensive venue. To offset the additional cost of the venue, the luncheon admission fee was raise by \$5 and four local consultants (Thurber Engineering Ltd., Ryzuk Geotechnical, Golder Associates Ltd. and GOAL Engineering) donated \$50 to the VIGG. These two factors combined with a high attendance at the CCLT lead to a small profit for this talk.

Vancouver Geotechnical Society - Jason Pellett, Section Director

Report of Activities - July 1, 2012 to June 30, 2013

Introduction

This report is a summary of the activities of the Vancouver Geotechnical Society (VGS) of the Canadian Geotechnical Society, for the period from 01 July 2012 – 30 June 2013. The group has active members from the Greater Vancouver area and two members from Kelowna, BC. A dedicated executive committee has been successful in organizing several well-attended presentations and seminars throughout the season. For further information, please see the VGS web site: <http://www.v-g-s.ca>

Executive Committee

The 2012-2013 Executive Committee of the VGS consists of the following members:

Role	Name	Company
Chair	Andrea Lougheed	Thurber Engineering Ltd.
Past-Chair and CGS Section Director	Jason Pellett	EBA Engineering Consultants Ltd.
Program Director	Ali Amini	Naesgaard-Amini Geotechnical Ltd.
Treasurer	(Kumar) S. Sriskandakumar	BGC Engineering Inc.
Secretary	Ryan Mills	EBA Engineering Consultants Ltd.
Registrar	Chris Longley	Stantec Inc.
Web Manager and Symposium Chair	Marc Bossé	Thurber Engineering Ltd.
Member-at-Large	Carl Kelman	Levelton Consultants Ltd.
Member-at-Large	Robyn Barnett	EBA Engineering Consultants Ltd.

Activities

The VGS executive committee typically meets once a month to organize technical presentations and social events, and to review issues relevant to the society membership. Generally, the executive meetings take place immediately before the monthly technical presentations. The attendance at the technical presentation ranges from about 60 to 100 persons. Notices of upcoming events held by VGS and other similar organizations in British Columbia and Washington State are distributed to all VGS members by email.

Membership

The VGS currently has 270 members, which includes 235 regular members, 20 student members and 15 Life members. The VGS membership is open to anyone interested in Geotechnical Engineering. Dues are used to cover the costs of monthly presentations, including meeting rooms, audio/visual equipment, and snacks. The annual membership dues are \$25 for regular members, \$5 for students and free for the Life members. Membership dues are usually collected at the Annual General Meeting in September.

Meetings

The 2012-2013 meetings held to date were as follows:

1. September 12, 2012 – VGS Annual General Meeting
“Seismic Hazard Analysis in British Columbia: Where Have We Been? Where Are We Headed?”
Mr. Tim Little, P.Eng. Principal, T.E. Little Engineering
2. October 29, 2012 - Cross Canada Lecture Tour, Fall 2012
“Flaws in the NCEER liquefaction assessment method and how to fix them”
Mike Jefferies, Golder Associates
3. November 20, 2012
“Influence of Ex-Solved Gases on Slope Performance at the Sarnia Approach Cut to the St. Clair Tunnel”
Paul Dittrich, Golder Associates, Principal and Senior Geotechnical Engineer
4. December 11, 2012
“A Case History – John Hart North Earthfill Dam Jet Grout Wall Construction”
David Siu, BC Hydro, Engineering Team Lead
5. January 22, 2013
“Temporary Tower Foundations for the New San Francisco-Oakland Bay Bridge Self-Anchored Suspension Span”
Alex Sy, Vice President Technical, Klohn Crippen Berger Ltd.
6. February 6, 2013
“Lessons learned from full-scale measurements of soil-structure interaction for municipal infrastructure repair and renewal”
Richard Brachman, Professor, GeoEngineering Centre at Queen’s / RMC
7. March 14, 2013
“How to try to reduce a 3 m³/sec leakage in a 100 meter high natural dam using Jet-Grouting Technology”
Paolo Gazzarrini, Sea To Sky Geotech Inc.
8. March 28, 2013 - Annual UBC/VGS Georox Distinguished Lecture
“From Projects to Business”
Bryan D. Watts, President, Klohn Crippen Berger Ltd.
9. April 18, 2013 - Cross Canada Lecture Tour, Spring 2013
“Case Studies in Soil Parameter Selections for Clay Foundations”
Bob Cameron, Principal Geotechnical Engineer, Geotechnical Division at Syncrude Canada Ltd.\

10. May 8, 2013

"Paleoseismology; Has it Reduced Seismic Hazards, and if not, How Do We Change Course?"

2013 Jahns Lecture

James McCalpin, GEO-HAZ Consulting, Inc.

Financial Status

The VGS's operating budget is primarily funded by profits from past symposia, technical short courses and conferences. As of April, 2013 the VGS's bank balance is \$44,006. Of this amount, \$21,256.26 is currently invested in a business savings account at ING bank, with the remainder to be used for regular operations.

Additional Information

The remaining events for the 2013 season include:

1. June 7, 2013

21st Symposium of the Vancouver Geotechnical Society

Topic: Foundation and Lifeline Engineering

Prince George Geotechnical Group - Eric Mohlmann, Section Director **Report of Activities - July 1, 2012 to June 30, 2013**

Introduction

This report is a summary of the activities of the Prince George Geotechnical Group of the Canadian Geotechnical Society, for the period from 01 July 2012 to 30 June 2013. The group has active members from across north-central British Columbia, particularly from the Prince George area. Members meet regularly for technical presentations. A detailed report from the Prince George Geotechnical Group is provided below.

Executive Committee

The 2012-2013 Executive Committee of the Prince George Geotechnical Group consists of the following members:

Chair: Eric Mohlmann

Vice-Chair: Doug Dewar

Treasurer: Dave McDougall

Activities

The Prince George Geotechnical Group met on October 30, 2012, for the Mr. Mike Jefferies' CCLT presentation 'Flaws in the NCEER liquefaction assessment method and how to fix them.'

Membership (and Corporate Sponsorship)

The Prince George Geotechnical Group currently has about 20 paid members from private consultants, government and industry. Meetings are well attended from members and non-members. A dedicated membership and donations from local companies help support and defray the costs of engaging speakers.

Meetings

The 2012-2013 meetings held to date were as follows:

- October 30, 2012, CCLT 'Flaws in the NCEER liquefaction assessment method and how to fix them.'

Financial status

The Prince George Geotechnical Group currently has \$511.91.

***Interior BC Geotechnical Group - Sumi Siddiqua, Section Director
Report of Activities - July 1, 2012 to June 30, 2013***

Introduction

This report summarizes the activities of BC's Interior Geotechnical Group (IGG) of the Canadian Geotechnical Society for the period from 01 July, 2012 to 30 June, 2013. The group consists of active participants from across south central British Columbia, particularly from Kelowna and surrounding areas.

Executive Committee

A new chair was selected by member's voting on April 12, 2012 during the group meeting. The Executive Committee of the Interior Geotechnical Group currently includes the following members:

Chair: Sumi Siddiqua, University of British Columbia Okanagan
Vice-Chair: Norm Williams, Interior Testing Services
Treasurer: Glen Rutherford, Golder Associates

Activities

The most recent IGG technical meeting was held on April 10, 2013. Also, the IGG arranged a student competition that was held in the fall of 2012 in conjunction with a 4th year course in foundation engineering at the University of British Columbia Okanagan campus. IGG funded the event to purchase materials and 'sand boxes' needed to host the MSE retaining wall competition. The design specifications issued by the Geo-Institute of the American Society of Civil Engineers were used when constructing the boxes. Members of the IGG were present in the event to judge the competition.

Membership (and Corporate Sponsorship)

The Interior Geotechnical Group has approximately 15+ CGS members from south central British Columbia. In addition, it attracts attendance and solicits membership in the society of the larger community of engineers, and geoscientists (including students, practitioners, and researchers) from the Okanagan area. The current contact list retains 87 active email addresses. There are no membership fees since managing the collection of money is not feasible with such small executive committee.

Meetings

The meeting of April 10, 2013 was a technical presentation by Alex Sy, Vice President Technical, Kohn Crippen Berger Ltd. In this talk Alex presented the foundation design detail of the new east span of the San Francisco-Oakland Bay Bridge, currently under construction, which will become the world's largest self-anchored suspension bridge when completed in 2013.

The previous meeting of March 20, 2013 had a presentation by David F. Polster a plant ecologist from Natural Resources Extension Program of Vancouver Island University. Dave presented soil bioengineering techniques for the treatment of landslides, steep, unstable and/or eroding sites as a means of integrating steep and/or unstable slopes into the natural processes. Dave has 35 years of experience in vegetation studies, reclamation and invasive species management; several practical examples were drawn from his vast experience.

Financial status

At present, the Interior Geotechnical Group is in good financial condition due to generated revenues from hosting of the 5th Canadian Geohazards Conference in the Okanagan campus. Moreover, we take advantage of lecture room facilities at the UBC Okanagan to reduce costs of our meetings.

Geotechnical Society of Edmonton (N. Alberta, N.W. Territories, and Yukon)
Paul R. Lach, Section Director
Report of Activities - July 1, 2012 to June 30, 2013

Introduction

This report provides a summary of the activities of the Geotechnical Society of Edmonton (GSE) for the period from 01 July 2012 through 30 June 2013. The GSE remains a strong and active local group and attendance of our monthly technical presentations and the annual symposium has been strong, averaging about 45 persons per event over the course of the last year. A number of dedicated individuals also volunteered to fill positions on the GSE Executive Committee, as listed below.

GSE Executive Committee

The 2012 / 2013 executive committee of the Geotechnical Society of Edmonton consisted of the following members:

<i>President:</i>	Kristen Tappenden, University of Alberta
<i>Vice-President:</i>	Adam Gmeinwaser, Thurber Engineering Ltd.
<i>Treasurer:</i>	Fred Cheng, Government of Alberta
<i>Program Chair:</i>	Baocheng Li, Almita Piling Inc.
<i>Secretary:</i>	Sean MacEoin, AECOM
<i>Website Communications:</i>	Ken Froese, Thurber Engineering Ltd.
<i>Registration:</i>	Don Lewycky, City of Edmonton
<i>U of A representative:</i>	Alireza Bayat, University of Alberta
<i>NAIT representative:</i>	Hilton Barnes, Northern Alberta Institute of Technology
<i>Student Member:</i>	David Elwood, University of Alberta
<i>Members-at-large:</i>	Murray Innes, Mobile Augers Karen Jardine, Strathcona Environmental Coordination Roger Skirrow, Alberta Transportation Junwen Yang, AMEC
<i>CGS Section Director:</i>	Paul R. Lach, City of Edmonton

In 2012/2013, the GSE hosted a series of monthly technical presentations. The season began with an Annual Wine and Cheese Reception with students from the University of Alberta in September 2012. In April of 2013, two special one-day technical short courses on Estimation of Soil Properties for Foundation Design and Geotechnical Uncertainty and Reliability-Based Foundation Design were presented to our membership by Dr. Fred Kulhawy, P.E., G.E., Consulting Engineer and Professor Emeritus, Cornell University.

A model retaining wall construction competition was again held, with corporate sponsorship and student teams participating from the University of Alberta and the Northern Alberta Institute of Technology. Other special activities included the very well attended Spring 2013 Cross-Canada Lecture on Case Studies in Soil Parameter Selections for Clay Foundations presented by Mr. Bob Cameron, P.Eng., Principal Geotechnical Engineer with Syncrude Canada Ltd. Our Annual General Meeting Lecture in May 2013 was recently presented by Dr. James P. McCalpin of Geo-Haz Consulting Inc., Creston, Colorado, the 2013 Jahns Distinguished Lecturer in Engineering Geology.

A detailed report of the current activities of the Geotechnical Society of Edmonton is provided on the following page.

Membership

In 2013, the membership of the GSE comprised approximately 153 regular members, 16 student members, 6 retired or unemployed members, and 23 GSE Stan Thomson Award Winners (with lifetime membership), for a total of 198 members.

Meetings

The GSE executive holds regular monthly meetings throughout the year in order to review the financial status of the society and to exchange information and plan events.

Financial status

The GSE remains in a financially sustainable position. Assets are considered adequate to support the organization until the next CGS Conference in Edmonton. Together with event fees, the remaining funds assist with defraying the cost of our annual program of technical activities.

Date	Activity	Presenter
25 Sept 2012	Annual Wine & Cheese Reception, University of Alberta, <i>Construction of Embankment Fills with Tire Derived Aggregates, and; Prediction of Rainfall Runoff for Soil Cover Modeling</i>	Daniel Meles, Ph.D. Candidate Sarah Jubinville, M.Sc. Candidate
24 Oct 2012	Dinner Meeting, Fall CGS Cross Canada Lecture Tour: <i>Looking towards Beaufort Sea Development, Experience of Design, Regulation and Reality with the Molipaq, 1984-89</i>	Mike Jefferies, Golder Associates, United Kingdom
20 Nov 2012	Lunch Meeting, <i>Pile Load Testing of Concrete Belled Piles and Rock Socket Piles using Osterberg Load Cell</i>	Tony Ruban, EBA Engineering
24 Jan 2013	Lunch Meeting, <i>Thermal Behaviour of Waste Rock Pile located in a Continuous Permafrost Region at Diavik Diamond Mine</i>	Dr. David Seg0, University of Alberta
21 Feb 2013	Dinner Meeting, Joint CSCE Event: <i>Giant Mine Site Reclamation, Yellowknife, NT</i>	Rudy Schmidtke, AECOM and Henry Westermann, Public Works and Government Services Canada
19 March 2013	Lunch Meeting, <i>Research to Facilitate the Management of Railway Ground Hazards</i>	Dr. Michael Hendry, Assistant Professor, University of Alberta
11/12 April 2013	<i>Short Courses on Estimation of Soil Properties for Foundation Design and Geotechnical Uncertainty and Reliability-Based Foundation Design</i>	Dr. Fred H. Kulhawy, Professor Emeritus, Cornell University
17 April 2013	Dinner Meeting, Spring CGS Cross Canada Lecture Tour: <i>Case Studies in Soil Parameter Selections for Clay Foundations</i>	Bob Cameron, M.A.Sc., P.Eng., Syncrude Canada Ltd.
6 May 2013	AGM Lecture, <i>The Mountains are Falling Apart; A Spectrum of Mass Failures from Landslide through Deep-Seated Gravitational Spreading to 'Unfolding' of Folds</i>	Dr. James McCalpin, Geo-Haz Consulting Inc., Creston, Colorado

Calgary Geotechnical Group (Southern Alberta) - Frank Magdich, Section Director
Report of Activities - July 1, 2012 to June 30, 2013

Introduction

This report is a summary of the activities of the Calgary Geotechnical Group of the Canadian Geotechnical Society, for the period from 01 July 2012 - 30 June 2013. The CGG members are located in Calgary and immediate surrounding areas. Our executive committee has been successful in organizing several well-attended presentations throughout the season. A detailed report from the Calgary Geotechnical Group is provided below.

Executive Committee

The 2012-2013 Executive Committee of the Calgary Geotechnical Group consists of the following members:

Chair: Juan Lopez
Vice-Chair: Hamid Batenipour
Venue Coordinator: Angela Beattie
Treasurer: Rob Armstrong
Past-Chair: Bhamisha Ramdharry
Announcements: Daniel Bertrand
Website: Mauricio Pinheiro
Student Representative: Morteza Mohamadi
Members: Justyna Kos, Ardeshir Sharif-Abadi, Marcia MacLellan
Section Director: Frank Magdich

Activities

Membership (and Corporate Sponsorship)

The Calgary Geotechnical Group does not charge membership fees. Although in the past the group has solicited donations local from corporate sponsors, the CGG has not needed to do so this previous year.

Meetings

The 2012-2013 meetings held to date were as follows:

Date	Speaker	Affiliation	Title	Attendance
Sept. 20, 2012	Morteza Mohamadi, Ph.D.	University of Calgary	Anisotropic Thermo-Mechanical Failure Criterion for Shale	20
Oct. 25, 2012	Mike Jefferies, P.Eng.	Fall Cross-Canada Lecture Tour	Looking towards Beaufort Sea Development – Experience of Design, Regulation and Reality with the Molikpaq 1984-91	65
Nov. 15, 2012	Jim Graham, Ph.D.	University of Manitoba	Natural Processes and Strength Degradation	50
Dec. 13, 2012	Bruce Smith, P.Eng.	WorleyParsons	The Effects of Clearing and Grading on Terrain in the Mackenzie River Valley	50
Jan. 17, 2013	Ken Been, Ph.D.	Golder Associates	Offshore Pipeline Design for the Kashagan Project	50
Feb. 21, 2013	James Murphy, P.Eng.	Integrated Pipeline Projects	Crossing Gladstone Harbour Using HDD, Gladstone, Queensland, Australia	40

March 28, 2013	Kazuhide Sawada, Dr.Eng., Professor	Gifu University	Research Topics on Geotechnical Laboratory in Gifu University	42
Apr. 16, 2013	Bob Cameron	Spring Cross- Canada Lecture Tour	Compaction & Design Tips for Constructing Fills at rates up to 25 Million m ³ /year	75
May 23, 2012	Dr. Peter Robertson	Gregg Drilling	Evaluating flow (static) liquefaction using the CPT: an update	80

Financial status

The CGG is in a solid financial situation. On 01 June, 2012 the group had \$ 22,372.36 in the bank and the group as of April 22, 2013 had \$30,528.00. Typical expense payments were related to normal costs related to organization of the presentations.

Saskatoon Geotechnical Group - Kelly Pardoski, Section Director

Report of Activities - July 1, 2012 to June 30, 2013

2012 – 2013 Executive

<i>President</i>	Tyrel Lloyd, McElhanney Consulting Services Ltd.
<i>Past President</i>	Randal Osicki, MDH Engineered Solutions Corp.
<i>Vice President</i>	Rashid Bashir, Golder Associates Ltd.
<i>Treasurer</i>	Erik Ketilson, McElhanney Consulting Services Ltd.
<i>CGS Section Director</i>	Kelly Pardoski, P. Machibroda Engineering Ltd.
<i>U of S Liaison</i>	Jitendra Sharma, University of Saskatchewan
<i>Member at Large</i>	Craig Rudulier, MDH Engineered Solutions Corp.
<i>Member at Large</i>	Adam Hammerlind, University of Saskatchewan
<i>Member at Large</i>	Chad Salewich, Cameco Corporation

The SGG Executive met twice during the activity period.

Membership

The SGG has averaged 50 paid members annually. To date in the 2012-13 year we have 68 paid members. Annual membership dues are \$30.00.

Presentations/Work Shops

Oct. 23, 2012	Mike Jefferies	CCLT – The State Parameter – it is older than you think and widely applicable
March 27, 2013	Jason Stianson	Analyzing the Effect of Climate Change on Soil Cover Performance
April 3, 2013	Samir Miljkovic, Bojian Li, Adam Nestman, Vaughn Campbell	Geotechnical Design & Erosion Protection at Leather River Crossing
April 3, 2013	Ryan MacEwen, Stuart McPhee, Yang Li, Nathan Waterhouse	Secure Containment Facility for Process Residues
April 3, 2013	Kelsey Hewitt, David Spencer, Ryan Spencer	Sustainable Production of Groundwater from the Dalmeny Aquifer
April 29, 2013	Geo-Studio Work-Shop	One-Day Session Focused on Stress-Strain Modeling using Sigma/W Software Program

Awards, Donations and Events

- SGG Annual Scholarship – University of Saskatchewan: \$500.00
- 4th Year Student Design Awards and Presentations: \$550.00

Financial

- Account Balance as of June, 2013: \$19,632.71

Regina Geotechnical Group - Shahid Azam, Section Director ***Report of Activities - July 1, 2012 to June 30, 2013***

Introduction

This report is a summary of the activities of the Regina Geotechnical Group of the Canadian Geotechnical Society, for the period from July 1, 2012 to June 30, 2013.

Executive Committee

The Executive Committee of the Regina Geotechnical Group consists of the following members:

<i>Chair/President:</i>	Steve Harty, P.Eng., Ground Engineering Consultants Ltd.
<i>Program Director</i>	Allen Kelly, P.Eng., Clifton Associates Ltd.
<i>Secretary Treasurer:</i>	Paul Walsh, P.Eng., Ground Engineering Consultants Ltd.
<i>Section Director:</i>	Shahid Azam, P.Eng., University of Regina

Activities

The following technical presentation was hosted during this period.

April 15, 2013 Bob Cameron Case Studies in Soil Parameter Selections for Clay Foundations

Membership

The Regina Geotechnical Group currently has 25+ members.

Meetings

The organizing committee for the 2014 CGS Conference, which will be held in Regina, has met twice during this period.

Financial status

The Regina Geotechnical Group has a bank balance in the order of \$12,000.

Additional Information

The Regina Geotechnical Group provides the University of Regina with an annual \$500.00 scholarship. The Regina Geotechnical Group also provides sponsorship donations to various local academic functions.

Manitoba Section - Nelson J. Ferreira, Section Director ***Report of Activities - July 1, 2012 to June 30, 2013***

Introduction

The Canadian Geotechnical Society (CGS) – Manitoba Section has held 4 luncheon presentations in addition to hosting the Cross-Canada Lecture Tour in the fall and spring over the past year.

Executive Committee

The 2012-2013 Executive Committee consists of the following members:

<i>Chair:</i>	Neil Privat, M.Sc., P.Eng	KGS Group
<i>Treasurer:</i>	Wing Keat Wong, P.Eng	AMEC
<i>Secretary:</i>	Vacant	
<i>Program Director:</i>	Kristopher Matusiewicz, P.Eng	Manitoba Hydro
<i>Assistant Program Director:</i>	Lena Anderson, B.Sc. C.E.T	Tetra Tech
<i>Special Events:</i>	David Kurz, P.Eng. Ph.D. Candidate	University of Manitoba
<i>Membership/Sponsorship</i>	Arjan Jianfar, E.I.T	Hatch
<i>Student Liaison:</i>	Steven Harms,	University of Manitoba
<i>Member-at-Large</i>	Kendall Thiessen, Ph.D., P.Eng.	City of Winnipeg
<i>Section Director:</i>	Nelson J. Ferreira, M.Sc., P.Eng.	TREK Geotechnical

Membership and Corporate Sponsorship

As of June 29, 2013, the Manitoba Section has 53 members. The local membership has been consistently around 50 members over the past few years. The local Executive Committee will be starting the annual membership drive this fall.

Corporate sponsorship continued to be instrumental in supporting the activities of the Manitoba Section primarily related to the annual Atterberg Cup Golf Tournament and Short Courses. This corporate base has been solid for a number of years. .

List of Activities

The Manitoba Section held four technical presentations throughout this reporting period. In addition, it hosted the fall 2012 and spring 2013 Cross-Canada Lecture Tour.

The presentations are as follows:

- September 20, 2012 - Large-scale Interface Shear Testing of ABC Twin WaterBloc Material – Enhancing Temporary Flood Protection
Presented by: David Flynn, University of Manitoba
- October 22, 2012 - Fall CCLT
The State Parameter – It is older than you think and widely applicable
Presented by Mr. Mike Jefferies
- December 4, 2012 - Heat Transfer with Thermosyphon technologies
Presented by Mr. John Jardine, Arctic Foundations of Canada Inc.
- January 29, 2013 - Emergency Reduction of Lake Manitoba & Lake St. Martin Water Levels
Presented by Mr. Colin Siepman, KGS Group
- February 27, 2013 - The Panama Canal's Third Set of Locks Project – Geotechnical Aspects and Challenges
Presented by Dr. Casan King Sampaco, Minera Panama
- April 12, 2013 - Spring CCLT
Case Studies in Soil Parameter Selections for Clay Foundations
Presented by Mr. Bob Cameron, Syncrude Canada Ltd.

Attendance has ranged from 19 to 66 attendees with an average of 43 attendees per event. The remaining activities for 2012-2013 include luncheon in July.

Financial Status

The operating surplus is about \$19,000. The Manitoba Section continued to subsidize luncheon presentations and social activities, provide financial assistance to either graduate student or EIT attending the annual CGS conference and will contribute to established programs including the "Making Links Engineering Classic" Golf Tournament fundraising initiative between the APEGM and the University of Manitoba.

Additional Information

The CGS Manitoba Section will likely make a donation of \$3,000 to the Neil Burgess Memorial Scholarship Fund in 2013. This scholarship is awarded annually to a geotechnical graduate student at the University of Manitoba. This donation was from the proceeds of the 13th Annual CGS Golf Tournament which was attended by 42 golfers.

The Manitoba Section will again sponsor a graduate student or an engineer-in-training to attend the 2013 Annual CGS conference.

Thunder Bay Geotechnical Group - Eltayeb Mohamedelhassan, Section Director Report of Activities - July 01, 2012 to June 30, 2013

Introduction

This interim report is a summary of the activities of the Thunder Bay Region Geotechnical Group of the Canadian Geotechnical Society, for the period from July 01, 2012 – June 30, 2013. A detailed report from the Thunder Bay Region Geotechnical Group is provided below.

Executive Committee

The 2012-2013 Executive Committee of the Thunder Bay Region Geotechnical Group consists of the following members:

Chair: Dr. Eltayeb Mohamedelhassan
Vice-Chair: Dr. Myint Win Bo
Secretary: Vacant
Treasurer: Vacant
Past-Chair: Dr. Bruce Kjartanson
Members: Wesley Saunders
Advisor: Mike Fabius

Activities

A joint seminar was organized with the Geoenvironmental Engineering Division of the Canadian Geotechnical Society and Lakehead University's Student Chapter of CSCE titled "An Introduction to Contaminated Land and their Assessment" on March 22, 2013. The speakers were Dr. Myint Win Bo, P.Eng, P.Geo. and Dr. Bruce H. Kjartanson, P.Eng.

Meetings

The 2012-2013 meetings held to date were as follows: December 11, 2012 and May 9, 2013.

Financial status: N/A

Sudbury Chapter - Tommi Leinala, Section Director Report of Activities - July 1, 2012 to June 30, 2013

Introduction

The group is in the process of reestablishing contact with local CGS members and members of the community that had expressed interest prior to the stagnant period. The Sudbury Chapter is in contact with a few prospective speakers and the hope is to have 3 events in 2013.

Executive Committee

The executive committee of the Sudbury CGS Chapter consists of the following members:

Chair: Tommi Leinala (AMEC)
Member: Sarah Coyne (Golder Associates)

Sponsorship

CEMI will be providing a venue for the CCLT presentations. CEMI/MIRARCO have provide 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.

Affiliations

CEMI and MIRARCO are active affiliations the CGS is pursuing. Local post-secondary institutions are being approached to develop connections as well as possible events.

Activities

The executive of the Sudbury Chapter met recently to discuss possibilities for the group in the fall. Tommi Leinala will be contacting various firms and organizations to seek additional members to become involved with the organization. This will be completed in July 2013 and if sufficient interest is shown, there will be a push to organize events for the fall of 2013.

Current Financial Status

Currently the Sudbury Chapter has approximately \$400 in a savings account.

London CSCE-CGS Chapter - Mrinmoy Kanungo, CGS Section Director Report of Activities - July 1, 2012 to June 30, 2013

Introduction

The CGS Section in London, Ontario is part of a joint CSCE-CGS Chapter with a broad representation of professionals, professors and students on the executive. This report is a summary of the activities of the London and District CSCE-CGS Section for the period from 01 July 2012 – 30 June 2013. The group has active members from across Southwestern Ontario, particularly from the London, Windsor and Kitchener-Waterloo areas. A dedicated executive committee has been successful in organizing several well-attended dinner presentations throughout the Chapter's season that typically runs from September to April. A detailed report from the London Section is provided below.

Executive Committee

The 2012-2013 Executive Committee of the London Section consists of the following members:

<i>Chair</i>	Tom Mara	University of Western Ontario
<i>Past Chair</i>	Grant Strachan	AECOM
<i>Secretary</i>	Brent Visscher	Dillon Consulting Limited
<i>Treasurer</i>	John Gawley	Dillon Consulting Limited
<i>Communications</i>	Azmi Hammoud	Golder Associates Ltd.
<i>Event Coordinator/Public Relations</i>	Gavan McDonald	AECOM
<i>CSCE Rep./Ontario Region Treasurer</i>	Andy Turnbull	Ministry of Transportation, Ontario
<i>CGS Rep.</i>	Mrinmoy Kanungo	Golder Associates Ltd.
<i>City of London Rep.</i>	John Simon	City of London
<i>Young Professionals Rep.</i>	Amin Owrangi	University of Western Ontario
<i>Sponsorship Rep.</i>	Stephanie Dalo	AECOM
<i>Faculty Rep.</i>	Jon Southen	University of Western Ontario
<i>Graduate Student Rep.</i>	Chris Kocur	University of Western Ontario
<i>Graduate Student Rep.</i>	Zach McNeil	University of Western Ontario
<i>Graduate Student Rep.</i>	Trisha Wilbur	University of Western Ontario
<i>WSCE Rep.</i>	Ryan MacLaughlan	University of Western Ontario
<i>WSCE Rep.</i>	Graydon Botsford	University of Western Ontario

Membership

The joint CSCE-CGS London section has about 300 members registered with PEO, CSCE, CGS and also many student members. Based on membership information received from the CGS in October 2012, there are 43 active CGS members in London and area. Our Section has been financially self-sustained by the money generated from the dinner meetings.

Meetings

The 2012-2013 dinner talks held to date are described below. The dinner talks are preceded by executive meetings on the same evening. The talks are typically attended by 20-25 people. The attendance generally increases in MTO or UWO presentations, e.g., over 40 people were present in the January dinner talk.

Date	Speaker (Affiliation)	Title of talk
September 29, 2012	David Harper, P.Geo. (Kilmer Group)	Brownfield Redevelopment and Sustainable Remediation
October 17, 2012	Wade Young, P.Eng. and Jasan Boparai, P.Eng. (MTO)	Accelerated Replacement of Whitemans Creek Bridge
November 21, 2012	Sandra Latorre, P.Eng. (CH2M HILL)	Municipal Drinking Water Residue Management Systems: Buried Wonders
January 23, 2013	Scott Reid, P.Eng. (MTO)	Alternative Delivery Model for the Replacement of the Grand River Bridge at Cayuga
February 27, 2013 (moved to April)**	-	-
March 20, 2013	Clare Robinson (University of Western Ontario)	The Unseen Source: The Importance of Groundwater Discharge for Lakes and Oceans
April 17, 2013	Sandra Carrelas, P.Eng. (Golder Associates Ltd.)	Brownfield Re-development of Former Rail Lands: New BMO Centre Indoor Soccer Facility
May 15, 2013	Garfield Dales, P.Eng. (MTO) and Brian Huston (Dillon Consulting Ltd.)	The Rt. Hon. Herb Gray Parkway

Financial status

The latest financial information was unavailable at the time of preparation of this report. Based on information gathered in the executive meeting on January 23, 2013, the bank balance of the section was \$2,401.66. Additionally, \$11,629.82 had been reinvested in a GIC.

Additional Information

The London Section also supports a number of University of Western Ontario student activities. The executive are currently planning events for the 2013-2014 season and considering plans for increased membership and revenue. Preliminary planning is also underway for the 2016 CSCE National Conference to be held in London.

***Southern Ontario Section, Toronto Group - Paul Dittrich, Section Director
Report of Activities - July 1, 2012 to June 30, 2013***

Introduction

This final report is a summary of the activities of the Toronto Group of the Southern Ontario Section of the Canadian Geotechnical Society, for the period of July 1, 2012 to June 30, 2013.

Executive Committee

The 2012-2013 Executive Committee of the CGS-SOS Toronto Group meets monthly to discuss group matters and to organize technical events.

The committee consists of the following members:

<i>Section Director:</i>	Paul Dittrich	Golder Associates
<i>Chair:</i>	Peter McDonald	Deep Foundations Contractors
<i>Past Chair:</i>	Stan Gonsalves	exp Inc
<i>Secretary:</i>	Nadine Miller	SNC-Lavalin
<i>Treasurer:</i>	Marcia Mora	Ministry of Transportation Ontario (MTO)
<i>Awards:</i>	Tom Lardner	Isherwood Associates
	Naresh Gursaud	Geofoundations
<i>Communication:</i>	Chris Elvidge	Terraprobe
<i>Membership:</i>	Matthew Boucher	Thurber
<i>Student Liaison:</i>	Dieter Stolle	McMaster University
<i>Event Co-ordinator:</i>	Gwangha Roh	Coffey Geotechnics
<i>Event Co-ordinator:</i>	Justin Gouthreau	Layfield

Membership

The Toronto Group currently has about 200 active members. The SOS continues to organize and fund the annual Graduate Student Competition and invites students to attend our monthly dinner presentations at no charge.

Activities

List of Activities held from July 1, 2012 – June 30, 2013:

Date: August 14, 2012 – Annual CGS-SOS Golf Tournament at Richmond Hill GC
92 participants (92 golfers)

Date: September 19, 2012 - Lecture by **Mr. Jim Bruce, B.Sc., P.Eng.**
Topic: **Hot Bitumen Grouting at Lonestar Quarry**
119 participants (incl. 1 speaker)

Date: October 17, 2012 - Fall Cross Canada Lecture by **Mr. Mike Jeffries, M.Sc., P.Eng.**
Topic: **The State Parameter: It's older than you think and widely applicable**
92 participants (incl. 1 speaker)

Date: November 14, 2012 – Dinner Presentation by **Mr. Alberto Grimond – Macafferie.**
Topic: **New Design Approach for Rockfall Barriers**
73 participants (incl. 1 speakers)

Date: December 12, 2012 - Christmas Wine and Cheese, Presentation by **Mr. Fred Matich**
Topic: **Through a Geotechnical Lens, The Superb WWII Record of the RAF “Dambusters”**
108 participants (incl. 1 speaker)

Date: January 16, 2013 – **Graduate Student Competition Night**
Topic: Students participated from Ryerson University, University of Toronto, University of Waterloo, Western University, and McMaster University. The winner received a \$500 Cash Award. There were 45 participants including 5 presenters. The university and placements are listed below:

McMaster University (3rd)

Student: Eric Tiedje

Topic: Composite Materials and the Thermal Conductivity of Bentonite Grout

Ryerson University (3rd)

Student: Navid Nikravan

Topic: Influence of Soil-Structure Interaction on Structural Behavior of Integral Abutment Bridges under Thermal Loading

University of Waterloo (3rd)

Student: Camellia Atefi

Topic: Mechanics of Slurry Fracture Injection in Unconsolidated Media

University of Toronto: (2nd)

Student: Ryan Veenstra

Topic: Transient Response of Paste Backfill during Placement and Curing:
Numerical Modeling and Field Monitoring

Western University (1st)

Student: Meckkey El Sharnouby

**Topic: Axial Monotonic and Cyclic Behaviour of Steel Fibre-Reinforced Helical
Pulldown Micropiles**

Date: February 13, 2013 – One Day Symposium jointly organized by **The CGS-SOS and IAH-CNC**
Topic: **Groundwater Aspects of Underground Construction in the Greater Toronto Area**
152 participants (incl. 7 speakers)

Date: March 20, 2013 - Dinner Presentation by **Mr. Tony Sangiuliano**
Topic: **Shredded Tire Embankment Fill**, 85 participants (incl. 1 speaker)

Date: April 8, 2013 – Spring Cross Canada Lecture Tour by Dr. Bob Cameron
Topic: **Compaction & Design Tips for Constructing Fills at rates up to 25 Million m3/year**
83 participants (incl. 1 speaker)

Date: May 22, 2012 – CGS-SOS Annual Dinner Presentation by Mr. Les MacPhie
Topic: **Treasure at Oak Island (Final Title TBD)**, 261 participants (incl. 1 speaker)

Financial status

The Toronto Group is in a strong financial position with approx. \$50,000 held in account as of May 31, 2013. Approximately \$35,000 of this money has been allocated for disbursements to student scholarships, sponsorship of the CGS-SOS Student Competition winner to the CGS National Conference, and a donation to Canadian Foundation for Geotechnique (\$5,000). In addition, \$4,000 has been allocated to the newly established CGS-SOS Work Term Scholarship (to be awarded annually on a competitive basis) which was awarded in 2013 to Kai Fung of Ryerson University. A portion of the money will also be used for honorariums for future international speaker(s) (\$15k), honorariums for monthly speakers, and the continued underwriting of student participation in CGS-SOS Events.

CGS-SOS Award

The purpose of the CGS-SOS Award is to recognize the recipient's contributions to i) development and growth of CGS-SOS, and ii) geotechnical or geo-environmental practice in Southern Ontario area through service to research, design, development, or construction. The 2013 CGS-SOS Award was presented at the CGS-SOS Toronto Group Annual Dinner to Mr. Fred Matich.

CGS-SOS Toronto Group Website

The redesigned CGS-SOS Toronto Group website has been in operation since September 2008. The website contains the most up-to-date information on SOS Toronto Group's past and upcoming activities, list of executive members, membership update forms, and a list of past CGS-SOS executive members.

CGS-SOS Settlement Prediction

The CGS-SOS is pleased to announce the success of the new 2013 Settlement Prediction Competition. Geotechnical engineers and students in Southern Ontario were encouraged to submit their predictions to see how their own analyses and experience compare to their colleagues and actual measured field results. The competition was organized using data provided by the TTC. Submissions were reviewed by a panel composed of 1 TTC employee and 1 CGS-SOS executive member. Submissions were due May 1, 2013. The winners received:

- 1st - \$1000
Greg Qu (Hatch Associates)
- 2nd – iPad Mini
Christopher Ng (Golder Associates)
- 3rd – 2 free tickets to the Annual Dinner
Masoud Manzari (Coffey International)

Closure

This report was prepared with the help of Peter McDonald P.Eng., CGS-SOS Toronto Group Chair, Marcia Mora P.Eng., Treasurer, and Nadine Miller P.Eng., Secretary.

Kingston Section - Martin Burger, Section Director
Report of Activities - July 1, 2012 to June 30, 2013

Introduction

This report is a summary of the activities of the Kingston Section of the Canadian Geotechnical Society, for the period from 1 July 2012 - 30 June 2013. The group has active members from across South-Eastern Ontario, particularly from Kingston and surrounding areas. The section's executive committee has been intermittently active during this period organizing a noon-hour speaker and a graduate student paper competition (together with the Ottawa Geotechnical Group). The section helps to promote a regular speaker series hosted by our sponsor, the Queen's-RMC Centre for Geo-Engineering. A detailed report from the Kingston Section is provided below.

Executive Committee

The 2012-2013 Executive Committee of the Kingston Section consists of the following members:

Chair: Greg Siemens, RMC
Past Chair: Ian Moore, Queen's University
Vice-Chair: n/a
Section Director: Martin Burger, Groundwork Engineering Limited
Treasurer: Kathy Kalenchuk, Mine Design Engineering
Members at Large: Steven Rose, Malroz Engineering
Matthew Perras, Queen's Engineering (Student Rep.)
Jean-Marc LeBlanc, Queen's Engineering (Student Rep.)

Activities

Specific CGS activities for the period are listed under meetings. In addition to the listed meetings, 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 2012 Canadian Geotechnical Conference. The Section sponsored graduate student Lee-Ann Sills to attend GeoManitoba in the fall of 2012. The Kingston Section also signed a Memorandum of Understanding with CGS and the local organizing committee for the Organization of the 6th Canadian GeoHazards Conference scheduled for June 2014.

Membership (and Corporate Sponsorship)

The Kingston Section captures a membership of approximately 20+ CGS members from Kingston, but attracts attendance (and solicits membership to the society) from the larger community of engineers, geoscientists (including students, practitioners, and researchers) from the area surrounding Kingston in eastern Ontario. This year we have some additional corporate sponsors who have very generously supported the local organization. The donations from our sponsors help to defray the costs of hosting speakers, Cross Canada Lecture Tours, and the costs of our meeting rooms. Our corporate sponsors include:

Caduceon Environmental Laboratories
Cunningham Swan Carty Little & Bonham LLP
Genivar Inc
Groundwork Engineering Limited
Insitu Contractors 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
Willms and Shier Environmental Lawyers LLP
XCG Consultants Ltd

Activities

In addition to some Executive Committee meetings, the 2012-2013 technical meetings held to date are as follows:

- Sep. 11, 2012 Darcy Lecture (co-host with Queen's) S. Majid Hassanizadeh, Utrecht University
Transport of Viruses in Partially Saturated Soil and Groundwater*
- Oct. 16, 2012 CCLT - Mike Jefferies, Golder Associates Ltd
The State Parameter*
- Feb. 25, 2013 Darcy Lecture (co-host with Queen's) David Rudolph, University of Waterloo
Managing Groundwater beneath the Agricultural Landscape*
- Mar. 13, 2013 Kingston Graduate Student Forum – Four student presentations
Winner Ryley Beddoe, Queen's – Physical Modeling of Rainfall Induced Slides*
- Mar. 20, 2013 37th Annual Michael Bozozuk Graduate Student Forum
Three student presentations from Carleton, U. Ottawa and Queen's. The winner was Farzad Daliri, Carleton University, "The Influence of Desiccation on Geotechnical Stability of Thickened Tailings"*
- May 31, 2013 Submissions for Young Engineer Competition. Winner to attend GeoMontreal*
- Jun. 11, 2013 Luncheon speaker series. Dr. Evert Hoek
Tunnelling Challenges and Solutions*

Financial status

The Kingston Section continues to operate on a break-even basis with a current balance of (approx.) \$500.

Ottawa Geotechnical Group - Mamadou Fall, Section Director Report of Activities - July 1, 2012 to June 30, 2013

Introduction

This annual report is a summary of the activities of the Ottawa Geotechnical Group of the Canadian Geotechnical Society, for the period from 01 July 2012 – 30 June 2013. The group has active members from across Eastern Ontario, particularly from the Ottawa area. A dedicated executive committee has been successful in organizing several well-attended presentations throughout the season. A detailed report from the Ottawa Geotechnical Group is provided below.

Executive Committee

The 2012-2013 Executive Committee of the Ottawa Geotechnical Group consists of the following members:

<i>Chair:</i>	Baolin Wang, Natural Resources Canada
<i>Vice-Chair:</i>	Paul Simms, Carleton University
<i>Secretary:</i>	Bruce Campbell, Environmental Solutions Remediation Services
<i>Treasurer:</i>	Michel Timmons, Groupe Qualitas
<i>Past-Chair:</i>	Clive Kamichaitis, Golder Associates Ltd.
<i>Members:</i>	Michael Bleakney, Public Works and Government Services Canada Jules-Ange Infante, University of Ottawa Sean Sterling, Geofirma Engineering Emily Vingerhoeds, Carleton University Nell van Walsum, BluMetric Environmental
<i>Student Member:</i>	Mary-Ellen Gleeson, Carleton University
<i>Advisor:</i>	Peter Gerabek
<i>CGS Section Director:</i>	Mamadou Fall, University of Ottawa

Membership and Corporate Sponsorship

The Ottawa Geotechnical Group currently has 229 members (161 paid members, 34 sponsor members and 34 student members). As in past years, our corporate sponsors have very generously supported the local organization. The donations from our sponsors help to defray the costs of engaging speakers and the costs of our meeting rooms. Our corporate sponsors for 2012-2013 include:

BGC Engineering	Maccaferri Canada
DYWIDAG-Systems International Canada	Marathon Drilling
Exova Laboratories	Maxxam Analytics
George W. Drummond	Milestone Environmental Contracting
George Downing Estate Drilling	OGS Drilling
GeoSolv Design/Build	Paracel Laboratories
Geosynthetic Systems	Strata Drilling Group
GKM Consultants	Triangle Pump Service
Hellenic Meeting and Reception Centre	USL-1 Underground Service Locators
Itech Environmental Remediation	

Meetings

During 2012-2013 the Executive Committee held 11 meetings.

Technical Activities

Date	Speaker	Affiliation	Title of Talk	Type of Event	Attend.
12-Sep-2012	-	Geological Survey of Canada	Laboratory Tour at the Geological Survey of Canada	OGG kick-off event	27
16-Oct-2012	Mike Jefferies	Queen's University	Flaws in the NCEER liquefaction assessment method and how to fix them (CCLT)	CCLT	69
20-Nov-2012	Prof. Andy Take	Queen's University	Looking Deeper: New Insights into Geotechnical Processes Using Image Analysis	Luncheon presentation	39
14-Dec-2012	Prof. Jean Côté	University of Laval	Heat Transfer Mechanisms in Cold Regions	Luncheon presentation	47
11-Jan-2013	Prof. Maurice Dusseault	University of Waterloo	GeoRisks and Carbon Dioxide Sequestration	Luncheon presentation	35
25-Feb-2017	Prof. Ernest Yanful	Western University	New Generation of Adsorbents for Environmental Cleanup	Luncheon presentation	45
20-Mar-2013	1. Ryley Beddoe 2. Farzad Daliri 3. Pedram Roshani	1. Queen's University 2. University of Carleton 3. University of Ottawa	1. Physical modeling of rainfall induced landslides 2. The influence of desiccation on geotechnical stability of thickened tailings 3. Effect of Temperature on Soil Water Characteristic Curves in Unsaturated Soils	38th Annual Michael Bozozuk Student Forum	50
11-April, 2013	Bob Cameron	Syncrude Canada Ltd.	Case Studies in Soil Parameter Selections for Clay Foundations	CCLT	68
May 15, 2013	Dr. Richard E. Ernst	Carleton University	Extreme volcanism through time: From the Sahara to the High Arctic and to other planets	OGG Annual Banquet	87

Financial status

The Ottawa Section is in a healthy state financially. The source of revenue is from paid memberships and corporate sponsorships. Currently the group has an overall balance of about \$41,500.00 which consists of funds held in bank accounts and short term GICs and a loan to the Canadian Foundation for Geotechnique. The group has a general goal of trying to run a balanced budget year to year on the luncheon presentations and annual banquet while using the additional funds for special projects and the opening event of the year (September).

Western Quebec Section - Annick Bigras, Section Director
Report of Activities - July 1, 2012 to June 30, 2013

Introduction

This report summarizes the activities of the Western Quebec Section of the Canadian Geotechnical Society, for the period from July 1, 2012 to June 30, 2013. The group has members from across Western Quebec, especially from the Montreal, Sherbrooke and Drummondville areas. Throughout this period, seven (7) presentations and one (1) student competition were organized by the executive committee. The season's ninth and final activity took place at the annual banquet which was held at the end of our season. A detailed report from the Section is provided below.

Executive Committee

The 2012-2013 Executive Committee of the Western Quebec Section consists of the following members:

<i>Chair:</i>	Sébastien Dubeau (City of Montreal)
<i>Vice-Chair:</i>	Simon Didone- Arseneau (Inspec-Sol inc.)
<i>Treasurer:</i>	Louis Maure (Inspec-Sol inc.)
<i>Secretary:</i>	Ariane Kuredjian (Inspec-Sol inc./City of Montreal)
<i>Program:</i>	Judith Bouchard (Hydro-Quebec)
<i>Communications:</i>	Steven Doré-Richard (Hydro-Quebec)

Activities

- On September 19th, 2012, Jean Côté gave a lecture named "Geotechnical thermal transfers".
- On October 19th, 2012, the Section welcomed the Cross Canada Lecture Tour presented by Mike Jefferies on the "Flaws in the NCEER liquefaction assessment method and how to fix them".
- On November 27th, 2012, engineering students from École Polytechnique gave a lecture on their field trip in China and Hawaii.
- On January 22nd, 2013, Mourad Karray gave a lecture named "The importance of good seismic values for soils liquefaction analysis".
- On March 21, 2013, Pascal Locat gave a lecture on "Landslide at St-Jude in 2010".
- On April 10th, 2013, the Section welcomed the Cross Canada Lecture Tour presented by Bob Cameron on the "Compaction and design tips for construction fills at rates of up to 25 million m³/year".
- On April 23rd 2013, five graduate students from one university participated in the annual Branko Ladanyi student competition. Each contestant summarized their thesis subject and results during a 15-min conference. A committee of senior engineers selected a winner.
- On May 7th 2013, Jean-Charles Ostiguy gave a lecture entitled "Settlement of an embankment on very soft soils (peat and clay) in the extension of Highway 50 (Montreal-Gatineau)".
- On June 6th, 2013, Serge Leroueil presented "Behavior of compacted soils: from physical, to mechanical and hydraulic behavior and practical applications" at the annual banquet.
- Each activity gathered 30 to 65 members.
- An organization committee of the Montreal Group, co-chaired by Mario Ruel and Sylvain Roy, is active in preparing the 2013 annual conference.

Membership and Corporate Sponsorship

The Western Quebec Section is comprised of **160** members, a combination of individual members as well as companies and corporations. The membership numbers have been steady in the last years. A small financial contribution is requested from members in order to cover the costs of guest speakers and related expenses. Among these members, several are also members of the national Canadian Geotechnical Society. As in past years, *Hydro-Quebec* generously supports the local organization by providing a conference room for most activities.

Financial status

Expenses:

- Conferences (lunch, speakers, etc.)	3 338.89 \$
- Section operations	196.5 \$
- Montreal 2013 operations	1 025.00 \$
- 2012 Winnipeg conference	3 579.65 \$
- Annual banquet (year 2011-2012 reported costs)	64.39 \$

- Annual banquet		7 500.00 \$
	TOTAL Expenses:	15 704.43 \$
Revenues:		
- Membership income		3 155.00 \$
- CGS reimbursement		540.48 \$
- April 2013 CCLT income		447.00 \$
- Annual banquet income		4 900.00 \$
	TOTAL Revenues:	9 042.48 \$
	Total amount in bank:	6 145.38 \$

Thanks to Steven Doré-Richard for his help in collecting all information.

Section Régionale Est-du-Québec - Jean Côté, Directeur
Rapport d'activité - 1er juillet 2012 au 30 juin 2013

Introduction

Ce rapport annuel est un résumé des activités de la section Régionale de l'Est-du-Québec de la Société Canadienne de Géotechnique, pour la période du 1^{er} juillet 2012 au 30 juin 2013. La section de l'Est-du-Québec réunit une petite communauté d'environ 30 membres de la Société Canadienne de Géotechnique, venant principalement des secteurs public (gouvernement et université) ainsi que du privé. Toutefois, la communauté intéressée à la géotechnique et au génie géologique est plus grande comme le montre notre liste de contact qui regroupe plus de 100 individus. Un rapport détaillé des activités est donné ici-bas.

Comité Exécutif

Le comité exécutif pour l'année 2012-2013 de la section régionale de l'Est-du-Québec est constitué des membres suivant :

Présidente: Janelle Potvin, Ministère des Transports du Québec
Directeur: Jean Côté, Université Laval
Secrétaire: Julie Therrien, Ministère des Transports du Québec
Trésoriers: Alexis Fortin, Pascal Locat, Ministère des Transports du Québec

Membres: Kamel Hamouche (Inspecsol), Didier Perret (past director, Geological Survey of Canada), Julie Dostie (LVM), Olivier Juneau (LEQ), Jean-François St-Laurent (SNC-Lavalin), Ariane Locat (Université Laval), Simon Malenfant (Ministère des Transports du Québec), Vincent Castonguay (Université Laval), Sarah Bouchard (Université Laval).

Activités

Nos activités se subdivisent en deux catégories, les conférences qui sont proposées régulièrement, et les ateliers de formation, organisés à l'occasion, généralement en réponse aux demandes spécifiques de la communauté géotechnique régionale. Nous tenons des conférences midi/soir à chaque mois de septembre à juin. La liste complète des conférences données cette année se retrouve dans le tableau suivant. Cette année marque une tendance à l'augmentation significative de notre auditoire avec entre 40 et 65 participants.

Conférencier	Affiliation	Titre	Date	#
Michel Jaboyedof	Université de Lausanne	L'utilisation des levés Lidar pour l'étude des mouvements de terrain	28 août 2012	25
Mike Jefferies	Golder	Flaws in the NCEER liquefaction assessment method and how to fix them	18 oct. 2012	40
Serge Leroueil	Université Laval	Comportement des sols compactés: de la physique, aux implications en termes de comportements hydraulique et mécanique, aux applications pratiques.	28 nov. 2012	63
Pascal Locat	MTQ	Caractéristiques et causes du glissement de terrain de Saint-Jude	17 déc. 2012	55

Edouardo Alonso	Universitat Politècnica de Catalunya	Deformation analysis of landslides. Progressive failure, rate effects and thermal interactions	21 jan. 2013	60
François Bossé et Rémi Mompin	MTQ	Effondrements de terrain à Charlesbourg	1 mars 2013	55
Bob Cameron	Syncrude Canada Ltd.	Case Studies in Soil Parameter Selections for Clay Foundations	9 avril 2013	40
Jean-Charles Ostiguy	exp inc	Suivi du comportement du remblai MH5 de l'Autoroute 50 pendant la construction	2 mai 2013	45

Membres et adhésion à la Société

Les conférences-midi que nous organisons sont proposées gratuitement et il n'est pas nécessaire d'être membre de la Société pour y assister. Aucune cotisation annuelle locale n'est par ailleurs demandée. Cela permet de promouvoir la formation continue en géotechnique.

Réunions

Le comité exécutif se réunit une fois par mois pour planifier les activités proposés aux membres de la SCG et amis de la section.

Statu financier

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 et à quelques cours et autres conférences de moindres envergures tenues depuis 2004. Un sous-comité a été créé pour étudier la possibilité d'implanter un programme de partenaires corporatifs.

Informations additionnelles

Trois autres conférences midi/soir sont prévues pour le reste de l'année 2012-2013. Des sous-comités ont été créés dans l'année en cours pour gérer le programme de bourses aux étudiants, le programme de partenariat, les conférences midi/soir et les prix et honneurs.

Lors de la conférence de Winnipeg en 2012, le comité exécutif de la SCG a approuvé la candidature de la ville de Québec pour tenir la conférence canadienne de géotechnique pour l'année 2015. Un comité de 14 personnes a été formé pour organiser la conférence. Le comité a tenu trois réunions jusqu'à maintenant.

Eastern Quebec Regional Section - Jean Côté, Section Director Report of Activities - July 1, 2012 to June 30, 2013

Introduction

This annual report is a summary of the activities of the Eastern Québec Regional Section of the Canadian Geotechnical Society, for the period from July 1, 2012 to June 30, 2013. The Eastern Quebec Section gathers a small community of about 30 members of the Canadian Geotechnical Society, mainly from the public sectors (government and university) as well as the private sector. However, the community interested in geotechnical and geological engineering is significantly larger, as evidenced by our mailing list which has more than one hundred entries.

Executive Committee

The 2012-2013 Executive Committee of the Eastern Quebec regional section consists of the following members:

Chair: Janelle Potvin, Ministère des Transports du Québec
Director: Jean Côté, Université Laval
Secretary: Julie Therrien, Ministère des Transports du Québec
Treasurer: Alexis Fortin, Pascal Locat, Ministère des Transports du Québec

Members: Kamel Hamouche, Inspecsol, Didier Perret (past director), Geological Survey of Canada, Julie Dostie, LVM, Olivier Juneau, LEQ, Jean-François St-Laurent, SNC-Lavalin, Ariane Locat, Université Laval, Simon Malenfant, Ministère des Transports du Québec, Vincent Castonguay, Université Laval, Sarah Bouchard, Université Laval.

Activities

Two types of activities are organized by the section. Lunch-time and occasionally dinner lectures are proposed on a regular basis. Workshops are organized on an ad-hoc basis to respond to a specific need expressed by the regional geotechnical community. We have a lunch/dinner lecture every month from September to June. The complete list of lectures given this year is found in the table below. This year sees a significant attendance increase for our lunch/dinner lectures where between 40 and 65 persons attended.

Lecturer	Affiliation	Title	Date	#
Michel Jaboyedof	Université de Lausanne	L'utilisation des levés Lidar pour l'étude des mouvements de terrain	28 août 2012	25
Mike Jefferies	Golder	Flaws in the NCEER liquefaction assessment method and how to fix them	18 oct. 2012	40
Serge Leroueil	Université Laval	Comportement des sols compactés: de la physique, aux implications en termes de comportements hydraulique et mécanique, aux applications pratiques.	28 nov. 2012	63
Pascal Locat	MTQ	Caractéristiques et causes du glissement de terrain de Saint-Jude	17 déc. 2012	55
Edouardo Alonso	Universitat Politècnica de Catalunya	Deformation analysis of landslides. Progressive failure, rate effects and thermal interactions	21 jan. 2013	60
François Bossé et Rémi Mompin	MTQ	Effondrements de terrain à Charlesbourg	1 mars 2013	55
Bob Cameron	Syncrude Canada Ltd.	Case Studies in Soil Parameter Selections for Clay Foundations	9 avril 2013	40
Jean-Charles Ostiguy	exp inc	Suivi du comportement du remblai MH5 de l'Autoroute 50 pendant la construction	2 mai 2013	45

Membership

The conferences that we organise are free to attend and one does not need to be a member of the CGS to attend. No annual registration is asked to attend the conferences either. This allows promoting continuing education in geotechnical engineering.

Meetings

The 2012-2013 meetings held are held once a month.

Financial status

The annual budget is about 5,000\$. The funds primarily come from the revenues of the Canadian Geotechnical Conference in 2004 and from a few courses and other conference held since 2004. A sub-committee has been set to implement a corporate sponsorship program.

Additional Information

Three more lunch/dinner lectures are planned for the remaining of the 2103-2013 year. Sub-committees have been set during this year to manage the student scholarships, corporate sponsor program, lunch/dinner talks and awards and honors.

During the conference in Winnipeg, the executive of the CGS has approved the candidacy file of Quebec City to hold the 2015 Canadian Geotechnical Conference. A committee of 14 individuals has been set to organize this conference. The committee has held a total of three meetings so far.

Nova Scotia Section - Anthony Urquhart, Section Director
Report of Activities - July 1, 2012 to June 30, 2013

Introduction

This report is a summary of the activities of the Nova Scotia Chapter of the Canadian Geotechnical Society (CGS) for the period between July 1, 2012 and June 30, 2013.

Executive Committee

The 2012-2013 Executive Committee of the Nova Scotia Chapter consists of the following members:

Chair: Anthony Urquhart (BGC Engineering Inc., Halifax)
Vice-Chair: James Mitchell (Stantec, Dartmouth)
Treasurer: Scott Munro (TerrAtlantic, Dartmouth)
Past-Chair: Dmitry Garagash (Dalhousie University, Halifax)
Members-at-Large: Glenn Graham (Conquest Engineering, Bedford)

Membership

The Nova Scotia chapter consists of approximately 36 members.

Meetings

Bi-monthly meetings of the executive committee beginning 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

Activities

The Nova Scotia Chapter held one supplier sponsored event, and one lecture series event in addition to the Cross Canada Lecture Tour (CCLT). The 2012-2013 presentations were as follows:

October 15, 2012 Fall CCLT: 12 Attendees

1. **Mike Jefferies:** Looking towards Beaufort Sea Development – Experience of Design, Regulation and Reality with the Molikpaq 1984-9

January 31, 2013 Titan Presentations: 40 Attendees

1. **Sam Bhat:** Lecture about Geogrids,
2. **Mike Naismith:** on mineral lining systems, and
3. **Bill Urchik:** on advances in HDPE manufacturing

March 24, 2013 Lecture: 36 Attendees

4. **Ian Fleming:** Lecture on Waste Mechanics

Financial status

~\$20000.00

Awards, Donations and Sponsorships

Local Chapter sponsored graduate student Farzaneh Naghibi for the 2012 GeoManitoba Conference in Winnipeg. Committee agreed to sponsor Reza Jamshidi for the 2013 GeoMontreal Conference.

**Newfoundland Chapter - Janet Williams, Section Director
Report of Activities - July 1, 2012 to June 30, 2013**

Introduction

The Newfoundland chapter of the Canadian Geotechnical Society (CGS) consists of approximately 66 members (individuals on our email distribution list).

Executive Committee

The executive committee of the Newfoundland CGS Chapter consists of the following members:

<i>Chair:</i>	Janet Williams (AMEC, St. John's)
<i>Treasurer/Secretary:</i>	Amy Copeland (Stantec, St. John's)
<i>Student Liaison:</i>	Ken Chi (AMEC, St. John's)
<i>Ex officio Section Director:</i>	Sterling Parsons (Stantec, St. John's)

Events from July 1, 2012 to June 30, 2013 included:

Activities

January 22, 2013

ISSMGE Webinar: *An Overview of Geosynthetics and Their Major Applications*

Prof. Dr. Robert Koerner, Ph.D., P.E., NAE

Attendance: 12 people

March 7, 2013

ISSMGE Webinar: *Concept, parameters and latest research in ground improvement illustrated by related case histories*

Dr. Serge Varaksin & Dr. Noel Huybrechts

Attendance: 14 people

Finances

Current bank account balance is \$723.36

Summary Report Technical Divisions - Jim Hazzard, Divisions Representative Report of Activities - July 1, 2012 to June 30, 2013

Introduction

Each of the seven (7) Technical Divisions in the Canadian Geotechnical Society (CGS) has a mandate to promote and facilitate the advancement, exchange and transfer of knowledge, skills and experience in the relevant field of engineering for the benefit of division members and the profession.

As part of the Canadian Geotechnical Society, the general objectives of each Division are:

- to provide members opportunities to upgrade and update their professional-knowledge and skills,
- to present results of their professional activities, by organizing events and activities to facilitate knowledge, experience and information transfer and exchange, and
- to promote co-operation among researchers and practitioners.

Executive Committees

The Technical Divisions are relatively autonomous bodies within the structure of the CGS and their activities are controlled by an Executive Committee. The Division Chairs carry 3-year terms ending December 31st as shown below.

Cold Regions Geotechnology Lukas Arenson, P.Eng. larens@bgcengineering.ca	2013	Hydrogeology Chris Neville, P.Eng. cneville@sspa.com	2013
Engineering Geology Doug Stead, P.Eng. dstead@sfu.ca	2015	Rock Mechanics Jim Hazzard, P. Eng. * jhazzard@itascacg.com	2014
Geoenvironmental Myint Win Bo, P.Eng., P.Geo. mwinbo@dstgroup.com	2014	Soil Mechanics and Foundations Bipul Hawlader, P.Eng. bipul@mun.ca	2013
Geosynthetics R. Kerry Rowe, P.Eng. kerry@civil.queensu.ca	2013		

* Represents Technical Divisions on Executive Committee

In 2013, one new Chair was appointed for the Engineering Geology Division. At the end of 2013, the 3-year terms will end for the chairs of Cold Regions Geotechnology, Geosynthetics, Hydrogeology and Soil Mechanics and Foundations. New chairs for Cold Regions and Hydrogeology for 2014-2017 have already been recruited.

Affiliations with Other Organizations

Each Division of the CGS is affiliated with an International counterpart, as detailed below:

- | | |
|----------------------------------|---|
| • Cold Regions Geotechnology | International Permafrost Association (IPA) |
| • Engineering Geology | International Association of Engineering Geology (IAEG) |
| • Geoenvironmental | International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) |
| • Geosynthetics | North American Geosynthetics Society (NAGS) |
| • Hydrogeology | International Association of Hydrogeologists (IAH-CNC) |
| • Rock Mechanics | International Society of Rock Mechanics (ISRM) |
| • Soil Mechanics and Foundations | International Society of Soil Mech. and Geotechnical Engineering (ISSMGE) |

In addition, many of the Divisions are also affiliated with other National and International technical bodies with whom there are various interactions during the course of the year.

Membership Information

CGS members, at the time of completing their membership form, are given the opportunity to choose different Divisions as their first and second choices. Out of 1,170 Active CGS members, the following are the membership statistics (first-choice membership only) for the divisions:

Cold Regions Geotechnology	67
Engineering Geology	110
Geoenvironmental	102
Geosynthetics	50
Hydrogeology	30
Rock Mechanics	91
Soil Mechanics and Foundations	639

Note that members who did not provide a choice are assumed to belong to the Soil Mechanics and Foundations Division. Note also that there are some discrepancies between these numbers and those provided in the appended reports. The numbers above represent data from the CGS on June 21, 2013 and should be considered accurate.

List of Activities

The Chairs of the Divisions have submitted their half-year reports on the activities of their respective Divisions and should be consulted for their detailed activities. A short summary of the Division activities is provided below:

Cold Regions Geotechnology

There were 15 cold regions papers at the 2012 CGS conference in Winnipeg and 17 abstracts have been submitted for GeoMontreal. The Roger J.E. Brown Award was awarded to James M. Oswell at the 2012 CGS conference. The CRGD will support 2 attendees at cYGEHC in 2013 and will also support the next Canadian permafrost conference as part of the CGS conference in 2015 (Quebec, QC).

Engineering Geology

A new chair (Doug Stead) was appointed in January 2013. Prof. Oldrich was awarded the Thomas Roy Award for 2012 at the CGS annual conference in Winnipeg in October 2012. The EGD chair and past chair are helping to organize the 1st International Discrete Fracture Network Engineering conference (DFNE 2014) to be held in Vancouver on September 19-22, 2014. The chair is also currently a member of several other international advisory committees. The EGD has launched several initiatives to increase membership, engage existing members and foster links with the CGS Landslides committee.

Geoenvironmental

The Geoenvironmental website was updated. Two of the Geo-environmental group members participated in a development of new Environmental Geotechnics journal to be published by ICE, UK and two committee members also participated in the development of a special issue journal entitled "Sustainable Geotechnics". A seminar entitled "An Introduction to Contaminated Land and Their Assessment" was held in Thunder Bay jointly with CGS, Thunder Bay region and Lakehead University's student chapter of CSCE. A seminar entitled "Mega Land Reclamation and Ground Improvement Projects in Singapore" was held in Western Ontario University in London on 20th June.

Geosynthetics

The division organised a call for and evaluation of nominations for the Geosynthetics award which went to Dr. Fannin. The Division has proposed a 1 Day Short course on "Geosynthetics in bottom liners and covers with emphasis on landfill and mining applications", to the organizers of the Montreal CGC 2013 for presentation at the 2013 CGC.

Hydrogeology

In September 2012, the Farvolden Award was presented jointly with the IAH-CNC to Dr. R. Allan Freeze as part of the 2012 IAH International Congress in Niagara Falls. The division continued its seminar series 'Hydrogeological Practice in Southern Ontario' with six presentations in late 2012 and early 2013 in Waterloo, Ontario. Dr. Martin Preene presented a well-attended lecture in Toronto on March 20th entitled Dewatering and Groundwater Control: Tales from the UK. A successful one-day symposium was held on Groundwater Aspects of Underground Construction in the Greater Toronto Area, which included six symposium speakers and 155 attendees participating in varied discussions.

Rock Mechanics

The Canadian Rock Mechanics Association (CARMA) website was overhauled and is now hosted and maintained by a professional organization (co2digital). CARMA has now added two password protected conference proceedings to the website with the intention of more to follow. CARMA has agreed to sponsor a student at the Canadian Young Geotechnical Engineering and Geoscientists Conference (Mt. Tremblant, 2013).

Soil Mechanics and Foundations

The idea of beginning to think about the 5th Edition of the Canadian Foundation Engineering Manual has been raised since it takes a number of years to produce the manual. This is a major project and will require the support and guidance of the CGS Executive Committee. Two new committee members were appointed in 2013: Dipanjan Basu from the University of Waterloo and Laifa Cao, SPL Consultants Limited. The 2012 G. G. Meyerhof Award was awarded to Dr. Delwyn G. Fredlund. Committee members have also been involved with the technical content for the 18th International Conference for Soil Mechanics and Geotechnical Engineering (ICSMGE'13) in Paris and with organizing GeoMontreal 2013.

Financial Status

The Cold Regions Geotechnology and the Engineering Geology Divisions, respectively, have \$14,276 and \$8,836 in their accounts. The other Divisions have no funds, have unknown financial status, or have funds that are pooled with (and jointly administered by) sister organizations.

Cold Regions Geotechnology Division - Lukas Arenson, Chair Report of Activities - July 1, 2012 to June 30, 2013

Introduction

The Cold Regions Geotechnology Division (CRGD) of the CGS continues to move forward with initiatives aimed at increasing the visibility of the division. It is our mandate to promote and facilitate the advancement, exchange and transfer of knowledge, skills and experience in the field of Cold Regions Geotechnology for the benefit of division members and the profession.

Executive Committee

The 2012-2013 Executive Committee of the Cold Regions Geotechnology Division remained unchanged from the previous year and consists of the following members:

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

It is Lukas Arenson's last year and a new chair as well as new members for the Executive Committee are currently being recruited.

Affiliations with Other Organizations

The Division is affiliated with the International Permafrost Association (IPA) and maintains ties with the Technical Council on Cold Region Engineering (TCCRE), Frozen Ground sub-committee, of American Society of Civil Engineers (ASCE), and the Frost Geotechnics Technical Committee (TC216) of the International Society for Soil Mechanics and Foundation Engineering (ISSMGE).

The Chair of CRGD is Vice-Chair of the IPA Permafrost Engineering Interest Group and member of the Transport Canada Network of Expertise on Permafrost Infrastructure.

Membership Information

The latest membership list includes 66 first choice members and 232 second choice members. Even though the first choice membership stayed constant during the last years, the second choice member numbers have

been increasing continuously over the last years. Their regional distribution of the first choice members is as follows: AB: 19, BC: 13, MB: 3, NT: 1, ON: 8, QC: 7, SK: 1, WI: 1, YT: 8, other: 5.

List of Activities

There were 15 cold regions papers at the 2012 CGS conference in Winnipeg, which is 6 more than in 2011. 17 abstracts were submitted for GeoMontreal indicating a steady increase in submissions. CRGD members continue to contribute to the review of abstracts and papers.

The CRGD supported the next Canadian permafrost conference that will be held as a joint conference with the CGS Conference 2015 in Quebec, QC.

James M. Oswell was awarded the Roger J.E. Brown Award, in 2012. The award will now be presented every 2 years.

The International Short Course on Permafrost Engineering: Effective Design and Construction in Permafrost Regions at the University of Alberta, was not been offered in 2012, but will be offered again in December 2013.

The CRGD will support 2 young professionals in the field of cold regions engineering to attend this year's cYGEGC 2013.

Financial Status

The CRGD has \$14,276.43 on account as a line item with the CGS.

Engineering Geology Division - Doug Stead, Chair Report of Activities - July 1, 2012 to June 30, 2013

Introduction

This document summarizes the activities of the Engineering Geology Division (EGD) of the Canadian Geotechnical Society for the period from July 1st, 2012 to June 30th, 2013. The Engineering Geology Division's mission is to promote and facilitate the advancement, exchange and transfer of knowledge, skills and experience in the field of Engineering Geology for the benefit of division members and the profession. As part of the Canadian Geotechnical Society, the objectives of the Division are:

- To provide to its members opportunities to upgrade and update their professional-knowledge and skills;
- To present results of their professional activities, by organizing events and activities to facilitate knowledge, experience and information transfer and exchange; and
- To promote co-operation among researchers and practitioners.

Executive Committee

The 2012-2013 Executive Committee of the Engineering Geology Division consists of the following members:

<i>Chair:</i>	Doug Stead, SFU, Burnaby, BC	dstead@sfu.ca
<i>Vice-Chair:</i>	Arash Eshraghian, Golder Associates, Calgary, AB	arash.eshraghian@amec.com
<i>Past-Chair:</i>	Davide Elmo, UBC, Vancouver, BC	delmo@golder.com
<i>Members:</i>	Stephen Butt, Memorial Univ, St. John's Nfld	sbutt@engr.mun.ca
	Ariane Locat, Laval Univ., Quebec City, QB	ariane.locat@gci.ulaval.ca
	Karine Champagne, HydroQuebec, Montreal, QB	champagne.karine2@hydro.qc.ca
	Nick Vlachopoulos, RMC, Kingston, ON	vlachopoulos-n@rmc.ca
	Anna Torgunrud, Mollard Associates, Regina, SK	torgunrud@jdmollard.com

Affiliations with Other Organizations

The EGD is closely affiliated with the International Association of Engineering Geology (IAEG) with Rejean Couture, Past EGD Chair and currently VP for North America. There are strong links with the Association of Environmental and Engineering Geologists (AEG) in the United States.

Membership Information

In 2012 the EGD membership first choice membership was 106 and the 2nd choice 303. The majority of members originate from nine Canadian Provinces, whilst the remaining members are from various countries, including USA, Switzerland, Ireland, Hong Kong, Singapore, South Lebanon, France, Netherlands, Norway and Japan.

List of Activities

- The current EGD Chair commenced his 3-year mandate in January 2013. Information on activities between July 1st 2012 and January 1st 2013 were requested and obtained from the Past Chair, Davide Elmo.
- Prof. Oldrich Hungr (University of British Columbia, Department of Earth and Oceanic Sciences) was awarded the Thomas Roy Award for 2012 at the CGS annual conference in Winnipeg in October 2012. Prof. Hungr is considered one of Canada's most highly recognized and respected international landslide experts, and is one of the leading international engineering geology practitioners in the study of debris flows and landslide run-out analysis.
- Since January 2013 the incoming Chair has actively sought to increase the membership of the Engineering Geology Division Executive Committee. The Executive in 2012 had as membership only the Chair, Vice-Chair and Past Chair, all of whom were based in Western Canada. It was decided that it was essential to increase both the geographical representation of the EGD Executive and the participation of our younger engineering geology professionals.
- Initial discussion with some members of the new Executive has already occurred with respect to new initiatives such as Engineering Geology Theme workshops attached to the Annual CGS Conference and a future Engineering Geology in Canada conference.
- Initial email communication with the new Chair of the CGS Landslides Committee has taken place and it is intended to explore the potential for increased collaboration and possible joint sessions at future CGS conferences.
- Initial contact with Professor Nick Sitar of Engineering Geology and Soil Properties Committee of ASCE GeolInstitute to discuss future collaboration.
- The Chair of the EGD assisted in the abstract and paper review process for the CGS Montreal Conference. Abstract and paper reviews were gratefully undertaken through the help of a number of EGD members.
- The EGD Vice-Chair assisted the GRB in selection process for the CGS Colloquium speaker for 2013.
- The EGD Chair struck a nomination committee to seek nominations for the 2013 Thomas Roy award and the award winner was determined by a selection committee. Both committees were made up of EGD members who are thanked for this important task. The winner of the award will be announced at the CGS conference in Montreal.
- The EGD Chair is currently Co-Chair of the 1st International Discrete Fracture Network Engineering Conference (DFNE 2014) <http://www.dfne2014.ca/> to be held in Vancouver on September 19-22, 2014. This conference will bring together DFN users to discuss the applications of this technique in engineering geology, rock engineering, and the mining, civil and petroleum sectors. Dr. Davide Elmo the Past Chair is also a member of the Conference Local Organizing Committee.

- The EGD Chair is a member of the International Advisory Committee of the Vajont 2013 Symposium <http://www.vajont2013.info/vajont-pd/> which will be held in Padova Italy, October 8-10 2013, a member of the International Advisory Committee of the VGC-14 Vertical Geology: From remote sensing to geological mapping symposium <http://www3.unil.ch/wpmu/vgc14/> to be held in Lausanne Switzerland, Feb 6/7 2014, and a Co-organizer of a session on Deep-Seated Gravitational Slope Displacements at the International Association of Engineering Congress <http://www.iaeg2014.com/> which will be held in Turin, Italy in 2014.

Financial Status

The current balance in the EGD restricted CGS account is \$8,836.00. In 2011 the balance was \$10,000- the expenditure being partial support for the late John Franklin (a joint initiative with the CGS RMD) to attend the International Rock Mechanics conference in Beijing.

Geoenvironmental Division - Myint Win Bo, Chair

Report of Activities – July 1, 2012 to June 30, 2013

Introduction

The Geoenvironmental Division consists of 40 members across Canada within CGS group.

Executive Committee

The 2012-2013 Executive Committee of the Geo-environmental Division consists of the following members:

<i>Chair:</i>	Myint Win Bo
<i>Vice-Chair:</i>	Craig Lake
<i>Executive Committee:</i>	Julie Shang
	Bruce Kjartanson
	Mamadou Fall
	Bruno Bussière
	Soe Moe Kyaw Win

Affiliations with Other Organizations

ISSMGE

Membership Information

Division has 40+ members across Canada who are CGS members.

List of Activities

- 1) Geo-environmental website was updated.
- 2) Approximately four of Geo-environmental division members volunteered in review process of Abstract selection for Geo Montreal 2013.
- 3) More than 10 volunteers are also participating in paper review process for Geo-environmental papers to be published in Montreal 2013
- 4) Two of the Geo-environmental group members participated in a development of a new Environmental Geotechnics Journal to be published by ICE, UK. These two members are sitting on the board of editors and regional editor.
- 5) Two of the Geo-environmental group executive committee member participated in a development of special issue journal entitled "Sustainable Geotechnics".
- 6) A seminar entitled "An Introduction to Contaminated Land and Their Assessment" was held in Thunder Bay jointly with CGS, Thunder Bay region and Lakehead University's student chapter of CSCE.
- 7) A seminar entitled "Mega Land Reclamation and Ground Improvement Projects in Singapore" will be held in Western Ontario University in London on 20th June 2013.

Financial Status

None.

Geosynthetics Division - Kerry Rowe, Chair
Report of Activities - July 1, 2012 to June 30, 2013

Introduction

This report is a summary of the activities of the Geosynthetics Division, for the period from July 1, 2012 to June 30, 2013.

Executive Committee

The 2012-2013 Executive Committee of the Geosynthetics Division consists of the following members:

Chair: Kerry Rowe, Queen's University - kerry@civil.queensu.ca
Vice-Chair: Richard Brachman - brachman@civil.queensu.ca
Secretary: Craig Lake - craig.lake@dal.ca
Past-Chair: Andrew Lister, TenCate Geosynthetics - a.lister@tencate.com

NAGS representative: Marolo Alfaro, Richard Brachman
2013 Montreal Conference representative: Eric Blond

Affiliations with Other Organizations

The Geosynthetics Division is affiliated with the North American Geosynthetics Society NAGS.

Membership Information

At the end of 2012, the Geosynthetics Division had 58 first choice members. Their regional distribution was as follows: 8 AB; 8 BC; 4 MB; 1 NB; 1 NL; 2 NS; 21 ON; 5 QC; 2 SK and 6 Other.

List of Activities

A meeting of the Division held at the CGS Conference in Winnipeg was attended by 15 people and a good discussion followed for over 1 hour.

The division organised a call for and evaluation of nominations for the Geosynthetics Award which went to Dr. Fannin 2012.

The Division has proposed a 1 Day Short course on "Geosynthetics in bottom liners and covers with emphasis on landfill and mining applications" to the organizers of the Montreal CGC 2013 for presentation at the 2013 CGC; we are awaiting a response.

Financial Status

Neither credits nor expenses since last year.

Hydrogeology Division - Christopher J. Neville, Chair
Report of Activities - July 1, 2012 to June 30, 2013

Introduction

The Hydrogeology Division (HGD) 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 profession.

Executive Committee

The 2012-2013 Executive Committee of the HGD consists of the following members:

Chair	Christopher J. Neville	S.S. Papadopoulos & Associates, Inc., Waterloo, Ontario	cneville@sspa.com
Vice-Chair	Tai T. Wong	Parsons, Calgary, Alberta	tai.wong@parsons.com
Past-Chair	Richard E. Jackson	Geofirma Engineering Ltd., Heidelberg, Ontario	RJackson@geofirma.com
IAH Liaison	Grant Ferguson	University of Saskatchewan Saskatoon, Saskatchewan	grant.ferguson@usask.ca

Christopher Neville has served as Chair of the HGD since the beginning of 2011, and will be stepping down after this report has been submitted. The successor as Chair, HGD is Dr. Tai Wong, P.Eng., SAIT Polytechnic, Calgary, Alberta.

Affiliations with Other Organizations

The HGD is affiliated with the Canadian National Chapter of the International Association of Hydrogeologists (IAH-CNC). The HGD chair is a non-voting member of the IAH-CNC and, likewise, the chair of the IAH-CNC is a non-voting member of the HGD. The principal joint activity of the HGD and the IAH-CNC has been the annual organization of *Joint IAH-CNC and CGS Conference*. The first of these conferences was held in Montreal in 2000 during the *53rd Canadian Geotechnical Conference* followed by joint meetings in Calgary, Niagara Falls, Winnipeg, Québec, Saskatoon, Vancouver, Ottawa, Edmonton and Halifax. A joint meeting was not held in 2010, 2011 or 2012.

The Chair of the HGD regards the joint conferences with the IAH-CNC as an important opportunity to build links between geoenvironment and geoscientific disciplines. To this end, he has worked with the Local Organizing Committee for Montréal 2013, and he pleased to report that the Montréal conference will include a *Joint IAH-CNC and CGS Conference*.

The other link with the IAH-CNC is the review and selection of the Farvolden Award winner. The CGS shares the award of the Robert N. Farvolden Award with the IAH-CNC. The Award was first presented in 2000 and renamed in 2002 after the late Professor Farvolden, founder of the hydrogeology programs at the Alberta Research Council and University of Waterloo.

The IAH-CNC hosted the 2012 IAH International Congress in Niagara Falls, September 16-21, 2012. During the congress, the 2012 Farvolden Award was presented to Dr. R. Allan Freeze. The citation for his award is reproduced below.

Al Freeze received his education in geological engineering at Queen's University (BSc, 1961) and the University of California at Berkeley (MSc, 1964; PhD, 1966). Early in his career, he held research positions with Environment Canada and at IBM's Research Center. From 1973 to 1991, he was Professor of Geological Engineering at the University of British Columbia. In 1979, he coauthored with John Cherry the textbook Groundwater, which has undergone over 30 printings. He is currently the President of R. Allan Freeze Engineering Inc., in White Rock, British Columbia and a Fellow of the Royal Society of Canada and the American Geophysical Union. Al Freeze is hereby awarded for the 2012 Robert N. Farvolden Award for Hydrogeology for excellence in hydrogeology.

Mr. Neville has struck the Farvolden Award Committee for 2013. The Chair of the HGD and Professor Grant Ferguson, President of the IAH-CNC, have jointly managed the committee. The voting members of the committee are Professor Kent Novakowski, Queen's University, Dr. Garth van der Kamp, Environment Canada, and Mr. John Petrie, Golder Associates. The three voting members are among the leading hydrogeologists in Canada, and provide a diverse perspective from academia, research, and consulting. Comprehensive nomination packages were received for two superb candidates for the 2013 Farvolden Award. The award committee was struck, and is presently in deliberations. The CGS Executive will be notified immediately after the award committee has made its decision.

The presentation of the Farvolden Award has been complicated during years in which the IAH-CNC has not participated in the CGS Annual Conference. Although the Farvolden Award is a joint award of the CGS and the IAH-CNC, past award winners have preferred to receive the award at IAH-CNC events.

List of Activities

1. Hydrogeological Practice in Southern Ontario Seminar Series

Richard Jackson, Christopher Neville, and Tammy Middleton, Senior Hydrogeologist with the Region of Waterloo have organized a monthly series of seminars over the past six years on Hydrogeological Practice in Southern Ontario. This collaboration between the HGD and the IAH-CNC is a model for other regions. This seminar series presents a forum at which the dozen consulting companies in Kitchener-Waterloo, Cambridge, Guelph and London areas of southern Ontario can learn (a) advances in hydrogeological practice in North America, (b) engineering developments with a strong hydrogeological component, and (c)

the latest hydrogeological research being conducted in southern Ontario. The speakers for the 2012/2013 series are listed below.

Date	Speaker	Title
2012/11/21	Eric Westberg University of Waterloo	The Use of Environmental Isotopes and Temperature as Tools to Characterize Groundwater Discharge to the Grand River, Ontario
2012/12/11	Dr. Richard Amos University of Waterloo	Reactive Transport Modeling: Examples from a Petroleum Spill, Reactive Barrier Applications, and Waste Rock Oxidation – with a Complete Introduction to the Diavik Waste Rock Research Project
2013/02/11	Dr. Maurice Dusseault University of Waterloo	Shale Gas and Hydraulic Fracturing: What Hydrogeologists and Hydrologists should know. (University of Waterloo)
2013/03/04	Dr. Philippe Van Cappellen University of Waterloo	Contaminant Fate and Transport at Groundwater-Surface Water Interfaces: Scientific Challenges and Opportunities
2013/04/15	Dr. David Rudolph University of Waterloo	2013 NGWA Darcy Lecture: Managing Groundwater Beneath the Agricultural Landscape
2013/05/06	Stephen Di Biase Golder Associates	Assessing Groundwater Supply Sustainability in the Multi-Layer Aquifer System of the Waterloo Moraine

As a cost-cutting measure, the host venue for the series, the Regional Municipality of Waterloo, decided to close its doors earlier in the evening to arrange alternative venues. As a result of these efforts, the seminars have now been moved to the University of Waterloo.

2. Lecture: Dr. Martin Preene

The world renowned groundwater engineer Martin Preene presented a well attended lecture in Toronto on March 20, 2012. The title of the lecture was Dewatering and Groundwater Control: Tales from the UK. Over 50 geotechnical engineers and hydrogeologists attended the lecture.

3. One-day symposium: Groundwater Aspects of Underground Construction in the Greater Toronto Area

In collaboration with the with Southern Ontario Section of the CGS and the Ontario Section of the IAH-CNC, the Hydrogeology Division organized a highly successful one day symposium on February 13, 2013, Groundwater Aspects of Underground Construction in the Greater Toronto Area.

Six symposium speakers addressed fundamental issues associated with groundwater in underground construction. The symposium began with a discussion of the importance of the regional geologic and hydrogeologic context in the Toronto area. The discussion then moved to reviewing approaches for estimating and reporting values key hydrogeologic data, followed by a review of analysis methods for estimating groundwater pressures and rates of groundwater inflows to excavations. The afternoon session resumed where the morning left off, with a presentation on comprehensive groundwater modeling for the Southeast Collector Trunk Sewer. This was followed by a review of the key factors in the assessment of ground movements, with a focus on the risk inherent in underground construction. The symposium concluded with a presentation of groundwater control from the contractor's perspective.

The Chair of the HGD was the organizer of the technical symposium, and he expected that it would be of interest to Geotechnical Consultants, Hydrogeologists, Specialty Geotechnical and Groundwater Contractors, Government Infrastructure agencies, and university students. His expectations were borne out by the fact that a capacity crowd of 155 attended this event.

Membership Information

The most recent count of members of the CGS listing HGD as their first choice is 30. The membership number will increase by the end of the year as members from all sources are counted and some members join late in the year.

Financial Status

The CGS is not holding any funds for the HGD.

Rock Mechanics Division - Jim Hazzard, Chair
Report of Activities - July 1, 2012 to June 30, 2013

Introduction

The Rock Mechanics Division (RMD) strives to develop, maintain and promote communications and cooperation between practitioners of rock mechanics and geotechnical rock engineering. It provides its members with opportunities to present the results of professional activities by organizing events and activities to facilitate knowledge, experience and information transfer and exchange. It also provides its members with opportunities to upgrade and update their professional knowledge and skills.

Executive Committee

The 2012-2013 Executive Committee of the Rock Mechanics Division consists of the following members:

<i>Chair:</i>	Jim Hazzard, Itasca Consulting Group (jhazzard@itascacg.com)
<i>Past-Chair:</i>	Chris Hawkes, University of Saskatchewan (chris.hawkes@usask.ca)
<i>Member:</i>	Derek Kinakin, BGC Engineering (kinakin@bgcengineering.ca)
<i>Student Liaison:</i>	Mathew Perras, Queen's University

Affiliations with Other Organizations

The Rock Mechanics Division is affiliated with the Canadian Rock Mechanics Association (CARMA). Through CARMA, the RMD interacts with the International Society of Rock Mechanics (ISRM). The chair of CARMA is rotated between the CGS-RMD and the Canadian Institute of Mining's Rock Engineering Society (CIM-RES). In 2012 and 2013, CARMA was chaired by the CIM-RES chair, John Hadjigeorgiou. For 2014 and 2015, the chair will be CGS-RMD chair Jim Hazzard. Other members of the CARMA executive in 2013 include Luc Beauchamp and Denis Thibodeau (CIM-RES executive members), Jim Hazzard and Chris Hawkes (CGS-RMD executives).

Membership Information

As of June 03, 2013, 89 CGS members had selected the RMD as their first choice and 256 had selected it as one of their second choices.

Financial Status

The RMD itself has no finances. The CGS feeds membership dues for RMD members directly to CARMA. As of June 03, 2013, the cash balance of CARMA's bank account was \$60,878. BDO Canada completed a financial audit in the spring and found no irregularities.

Additional Information

Thirteen members attended the division's annual general meeting (AGM), which was held in conjunction with October's 2012 CGS conference (Winnipeg). Detailed minutes were circulated to Division members in November, 2012. Highlights include: (i) Debriefing on RockEng12 conference, (ii) CARMA webpage, (iii) increasing rock mechanics participation at GeoMontreal, (iv) Ideas for potential use of CARMA funds including digitization of past copies of Canadian Rock Mechanics Symposium proceedings, and (v) student sponsorship for CGS, CIM and ISRM conferences.

The CARMA website has been overhauled and is now hosted and maintained by a professional organization (co2digital). All current members of CARMA have been added as users and can now access the following conference proceedings:

- Slope Stability 2011 (Vancouver)
- RockEng 2012 (Edmonton)

Work is ongoing to add proceedings from previous CARMA conferences.

CARMA has agreed to sponsor a student at the Canadian Young Geotechnical Engineering and Geoscientists Conference (Mt. Tremblant, 2013).

CARMA has provided \$5,000 seed money to the First International Discrete Fracture Network Conference, Vancouver, 2014.

Soil Mechanics and Foundations Division - Bipul C Hawlader, Chair
Report of Activities - July 1, 2012 to June 30, 2013

Introduction

The mandate of the Soil Mechanics and Foundations Division is to promote classical geotechnical and foundation engineering research, to promote the documentation of case histories and experience of practicing engineers, and to promote and facilitate the continuing education of our members. This occurs through the regular technical meetings at the local level, through short courses and symposia, through support for the Cross Canada Lecture Tour, through our annual conference and via our liaison with the International Society of Soil Mechanics and Geotechnical Engineering.

Executive Committee

The 2012-2013 Executive Committee of the Soil Mechanics and Foundations Division consists of the following members:

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

Past Chair: Jitendra Sharma, University of Saskatchewan

Vice-Chair: TBD

Members: Alex Baumgard, BGC Engineering Inc., Vancouver - abaumgard@bgcengineering.ca
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 Sobkowicz, Thurber Engineering Ltd., Calgary - jsobkowicz@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 & Transportation, Edmonton - Roger.Skirrow@gov.ab.ca
Sean Hinchberger, Hatch Engineering, London - shinchberger@hatch.ca

Affiliations with Other Organizations

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

Membership Information

Not applicable.

List of Activities

Annual Meeting, CGS Conference – Manitoba 2012

The SMFD Annual meeting was held on Tuesday, October 2, 2012 at the Fairmont Winnipeg hotel. The meeting was chaired by Bipul Hawlader. In addition to the SMFD executive committee members, a number of CGS members attended the meeting. Among them Victor Sowa, Jitendra Sharma, and some other members provided some valuable comments. A number of issues were discussed, including:

a) Fifth Edition of Canadian Foundation Engineering Manual

The idea of beginning to think about the 5th Edition of the Canadian Foundation Engineering Manual has been continued. Victor Sowa suggested that this is a major project and will require the support and guidance of the CGS Executive Committee although SMFD will be making major contributions.

b) Two new committee members

There was a free format discussion on the role of SMFD and how the division can serve better. A discussion was initiated by Jitendra Sharma on whether some new members could be involved in the SMFD committee. A number of CGS members expressed their strong interest in serving on this committee. Bipul Hawlader later discussed with Victor Sowa and the following two new committee members are appointed: Dipanjan Basu from the University of Waterloo and Laifa Cao, SPL Consultants Limited. Both of them have strong interest in soil mechanics and foundation design.

G.G. Meyerhof Award –2012

A sub-committee of three SMFD members was formed to nominate the candidates for the G.G. Meyerhof Award-2012 award. Another sub-committee of three members was also formed to select the winner of the Award. As the division chair, Bipul Hawlader chaired (non-voting) the committee. The winner of the 2012 G. G. Meyerhof Award was Dr. Delwyn G. Fredlund.

G.G. Meyerhof Award –2013

The nominations for G.G. Meyerhof Award 2013 have been received. The SMFD Executive Committee is in the process of selecting the winner of 2013 G. G. Meyerhof Award.

ICSMGE 2013 – Paris

The SMFD reviewed the abstracts submitted by the CGS members to the 18th International Conference for Soil Mechanics and Geotechnical Engineering (ICSMGE'13) in Paris. Committee members reviewed all the abstracts and 25 of them were sent to the ICSMGE'13 Conference Technical Paper Selection Committee.

The Chair of the SMFD also received full papers from the authors. With some help from other CGS members, the SMFD reviewed these papers. A total of 24 full papers have been submitted to the ICSMGE'13 by January 15, 2013. The conference scientific committee accepted all 24 full papers. Some of the authors have been contacted by the ICSMGE'13 committee for oral presentation of their papers.

GeoMontreal 2013

SMFD members are also involved in organizing GeoMontreal 2013 - the 66th Canadian Geotechnical Conference. Division members are also involved in the technical paper review process.

Financial Status

Unknown

Education Committee - Greg Siemens, Chair **Report of Activities - July 1, 2012 to June 30, 2013**

Introduction

The Education Committee has been continuing core activities since the fall conference in Toronto. A final report for the previous year was provided by Greg Siemens (Chair) for the board meeting at the 2012 annual conference updating current tasks at that time. This report provides a summary of ongoing initiatives and activities completed from July 01, 2012 to June 30, 2013.

Executive Committee

The current committee members are:

Chair:	Greg Siemens
Past-Chair:	Dharma Wijewickreme
Members:	Sumi Siddiqua, Administrator Student Competitions
	Paul Simms – Chair CFG Fellowship Selection
	Ariane Locat – cYGEGC Conference Co-Chair
Kent Bannister	Jinyuan Liu
Neil Privat	Ian Moore
Corey Froese	Jit Sharma
Jocelyn Grozic	Nicholas Vlachopoulos
Kathy Kalenchuk	Graeme Skinner

List of Activities

1. CGS Student Competition

2013 Competition: Another CGS Student Competition is underway. The Call for Submissions for the 2013 CGS Student Competitions was sent out in February (with additional reminder e-mails to follow) with a due

date of 21 May 2013. Judge requests were part of the original e-mail and will be completed over the next 2 months with the winners announced in early July. Once again the Graduate Student Presentation Award winner will be invited to present at the CGS Conference in Montreal in the Fall. A total of 17 submissions were received including 9 Graduate Presentations, 5 Undergraduate Group Reports and 3 Undergraduate Individual Reports.

2012 Competition: A total of 16 submissions were received including: 10 Graduate Presentations, 4 Undergraduate Group Reports and 2 Undergraduate Individual Reports. The submission date with regards to the graduate competition was extended twice due to the low number of submissions. In all, only 2 submissions (equal to the number of applicants) were obtained for the individual undergraduate competition. This is of concern. As such, more reminders will be sent out for this year's competition and more aggressive soliciting in terms of contacting universities and specific professors at those universities will be initiated.

The 2012 CGS Student Competition winners were:

Undergraduate Report Award (Individual)

Rank	Name	University	Department	Title of Report
1.	David Flynn	University of Manitoba	Civil Engineering	Large Scale Interface Shear Testing ABC Twin WaterBloc Material Enhancing Flood Protection
2.	Lee-Ann Sills	Queen's University	Civil Engineering	Use of transparent soil to investigate discontinuous gas flow in heterogeneous porous media

Undergraduate Report Award (Group)

Rank	Name of Students	University	Department	Title of Report
1.	Hubert Péroquin Leila Pike Adham Kalila Mamoun Essakalli	McGill University	Civil Engineering and Applied Mechanics	Europa Creek Hydroelectric Project: High Pressure Penstock Pipeline
2.	Jessy Counter Dylan Connors Brendan McAuley Carl Mohammadi	University of Ottawa	Civil Engineering	Foundation Design for Canadian Embassy Structures (using the Mechanics of Saturated and Unsaturated Soils)

Graduate Student Presentation Award

Rank	Name of Student(s)	University	Department	Title of Presentation
1.	Fawzy M. Ezzein	Royal Military College of Canada	Civil Engineering	A Transparent Granular Sand for Geotechnical Modelling
2.	Fady B. Abdelaal	Queen's University	Civil Engineering	Cracking of HDPE Geomembranes

2. 4th cYGEGC – 4th Canadian Young Geotechnical Engineers and Geoscientists Conference

An Organizing Committee of 13 from across Canada has been formed with Ariane Locat, as the Chair. The Conference will be held on October 3-6, 2013 at the Centre des congrès Tremblant at Mont-Tremblant, Quebec. The hotel Tour des voyageurs at Mont-Tremblant is suggested to the participants for accommodation. Twenty companies have been contacted as potential sponsors, and at this date some have agreed to become sponsors.

The first flyer has been issued at GeoManitoba Conference, in September 2012. The Conference website (<http://www.cygegc2013.ca/>) and a Facebook page (<https://www.facebook.com/#!/cYGEGC2013>) can be contacted for further information. A link to the website will be posted on the "Upcoming Events" section of

the CGS website. Potential attendees will be contacted through a second flyer issued to geo-oriented departments of several Universities across Canada and to contacts in private companies as well. GeoNews advertisement will be in the March edition.

Five keynote speakers will be invited to attend the conference and to present talks focusing on life in geotechnique and geosciences and advice for young workers in this field. The selected speakers will come from academia, private practice, and the public sector. Invitation letters have been issued.

They are considering a visit to the Beauharnois Generation Station (as part of the Technical Tour on October 3rd 2013).

3. Canadian Foundation for Geotechnique National Graduate Scholarship

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

2012 scholarship: Five (5) nominations were received and all applicants were very strong. The 2012 awardee, which was announced at the GeoManitoba Conference, was Michael Callaghan. Michael is a PhD student in the Department of Geoscience at the University of Calgary, and is currently a practicing licensed professional engineer in Alberta.

The selection committee was Murray Grabinsky (University of Toronto), Mamadou Fall (University of Ottawa), Catherine Mulligan (Concordia), Rodney McAfee (AMEC New Brunswick), and Paul Simms (Carleton - Chair). Our previous representative from the west, Ian Flemming, could not participate. We hope to add a new representative from the west for the 2013 Competition.

2013 scholarship: A call for nominations was sent out by the CFG in February 2013. The deadline is changed to May 1st. This change was based on feedback from several members of CGS, who felt an earlier deadline was a better fit to the academic year.

4. Selection of iYGEC Participants

In October of 2012 a call for nominations was issued to provide two CGS members under the age of 35 the opportunity to attend the 5th International Young Geotechnical Engineers Conference. The award, which is funded jointly by the Education Committee of the CGS and the Canadian Foundation for Geotechnique, covers the conference registration fees and reasonable travel costs. The conference will be held in Paris, France in the fall of 2013. Many outstanding nominations were received and ultimately Nicholas Beier (University of Alberta) and Vincent Goreham (Dalhousie University) were selected as the award winners. The selection committee consisted of Kent Bannister (MB Hydro), Jit Sharma (University of Saskatchewan) and Suzanne Powell (Thurber Engineering).

5. Geopardy

Following the successful Geopardy event sponsored by Golder Associates and the committee at the Pan-Am Conference in 2011 a second event was held in GeoManitoba. The committee is working with the sponsor to continue this event for the conference in Montreal and in partnership with Golder Associates.

6. Co-Sponsored Session at GeoManitoba with Professional Practice Committee

The Committee co-sponsored a session at GeoManitoba including a presentation by Andrew Steeves entitled "If I knew then what I know now". Travel expenses were covered for a total of \$848.90.

7. Webinars

The CGS has recognized that the use of web based seminars (Webinars), currently used by a number of learned societies, should be strongly considered as a platform for dissemination of technical information and sharing knowledge through special seminars, lectures, etc. The feasibility of webinars will be assessed by Greg Siemens (Chair, Education Committee) and John Sobkowicz (VP Technical).

8. Financial Status

The Education Committee has a separate line item in the CGS budget with the amount of \$15,687.

Heritage Committee - Mustapha Zergoun, Chair Report of Activities - July 1, 2012 to June 30, 2013

Introduction

The Heritage Committee manages archival and heritage material on behalf of the Canadian Geotechnical Society. Because the Society has no permanent office of its own, the Board of Directors in 2004 instructed the committee to manage a collection of 'virtual' archives on the CGS website at: <http://www.cgs.ca/cgsdocuments/Heritage%20Archives>. Information about the Committee itself can be found at: <http://www.cgs.ca/cgssociety/Boards%20and%20Committees/Committees/heritage-committee>

The Committee scans and uploads material of general interest. It provides lists of where archival material can be accessed, for example in national and provincial archives, and in university libraries.

Executive Committee

The 2012-2013 Heritage Committee consists of the following members:

Chair: Mustapha Zergoun (three year term will end December 2014)
Vice-Chair: Suzanne Powell
Secretary: Rick Yoshida
Past-Chair: Jim Graham
Members: Shahid Azam, David Cruden, Heinrich Heinz, Richard Jackson, Jørn Landva, Abouzar Sadrekarimi, Ken Skaffeld, Mahdi Taiebat, Sai Vanapalli.

Others interested

Robert Chapuis, David Devenny, Liam Finn, Suzanne Lacasse, Serge Leroueil, Fred Matich, Ian Moore, Lynden Penner, Abouzar Sadrekarimi, Doug Stead.

Affiliations with Other Organizations

The Heritage and Archives Committee, Engineering Institute of Canada.

Membership Information – None. (Committees do not register individual members.)

List of Activities

Each member of the Heritage Committee is encouraged to complete one project each year.

- a) Mustapha Zergoun promoted heritage collection on the home page of the CGS website, both in the English and French.
- b) Mustapha Zergoun provided link between CGS 'Members' web pages and Vancouver Geotechnical Society (VGS) local web site, which contains Proceedings of all the VGS annual symposia.
- c) Heinrich Heinz to provide history of local CGS Sections e.g. Calgary, Edmonton, Ottawa, Montreal.
- d) Serge Leroueil to provide photographic collection and accompanying documents for the flow slide at St Jean-Vianney, Quebec, in the 1970s.
- e) Mahdi Taiebat to collect short articles on geomechanics and numerical analysis in Canada.
- f) Ian Moore to provide input on contributions to numerical analysis by Kerry Rowe.
- g) Bill Black to provide information about Frank Patton's early work on hydrogeology.
- h) Lynden Penner to obtain background information on the contributions of Jack Mollard.
- i) Suzanne Lacasse to provide links on the CGS website for Canadian projects that are part of the NGI electronic database.
- j) David Cruden to obtain from John Allan unused photographs from the work of the Canadian Geological Foundation on a book about the Kananaskas Bow River Dam.
- k) Fred Matich to provide information about early works on oil sands development.
- l) Jim Graham and Suzanne Powell to update "Lives Lived" section and add Legget award recipients.

Financial Status

The Heritage Committee has no financial assets.

Additional Information

Minutes of the 2012 annual meeting of the Heritage Committee in Winnipeg uploaded to CGS web site.

Technical Committee on Landslides - Michael Porter, Chair **Report of Activities - July 1, 2012 to June 30, 2013**

Executive Committee

The 2013 members of the Technical Committee on Landslides are:

<i>Chair:</i>	Michael Porter (BGC Engineering Inc.)
<i>Vice-Chair:</i>	Scott McDougall (BGC Engineering Inc.)
<i>Past-Chair:</i>	Corey Froese (Alberta Geological Survey)
<i>Members:</i>	Erik Eberhardt (University of British Columbia)
	Oldrich Hungr (University of British Columbia)
	Serge Leroueil (Université Laval)
	Réjean Couture (Geological Survey of Canada, NRCAN)
	Doug VanDine (VanDine Geological Engineering Ltd.)
	Dave Gauthier (Queen's University)

Activities

Canadian Technical Guidelines on Landslides

Members of the CGS Landslide Committee are supporting the Geological Survey of Canada's initiative by authoring, reviewing and editing guideline chapters. Guideline chapters will be published by the GSC as open files for comment as they become available.

2013 Canadian Geotechnical Conference (Montreal, September 29-October 3, 2013)

Members of the CGS Landslide Committee are supporting the conference organization efforts by reviewing abstracts and papers related to landslides, slope stability, risk assessment, and soil stabilization.

2013 Schuster Medal

For the 5th time, the CGS and Association of Engineering Geologists (AEG) will be awarded the Schuster Medal. At The First Schuster Medal was awarded to R. Schuster (USGS) himself, for his tremendous contribution to better understanding landslide hazards and risk through his long and successful career. The Schuster Medal is a joint award from the Association of Environmental & Engineering Geologists and the Canadian Geotechnical Society that recognizes excellence in geohazards research in North America. All nominees for the Schuster Medal must meet at least two of the following criteria:

1. Professional excellence in geohazards research with relevance to North America
2. Significant contribution to public education regarding geohazards
3. International recognition for a professional career in geohazards
4. Influential geohazards research or development of methods or techniques
5. Teacher of students who work on geohazards issues

The 5th Schuster Medal will be awarded at the CGS Conference in Montreal.

2014 Hutchinson Lecture

The Canadian Geotechnical Society Landslide Committee solicited nominations for the first Hutchinson Lecturer. The Hutchinson Lecture was established by the international Joint Technical Committee No. 1 (JTC1) on Natural Slopes and Landslides and is dedicated to the late John Neville Hutchinson. It is to be delivered by a researcher, age 42 or less at the time of the Lecture, who has strongly contributed to the development of knowledge in the field of slope stability and/or landslides. The first lecture will take place in Seoul in the fall of 2014 at a JTC1 workshop that will focus on rainfall-induced landslides.

Following careful review of the nominations received, the Canadian Geotechnical Society and CGS Landslide Committee agreed to nominate Dr. Andy Take from Queen's University.

Journal Articles

A paper by CGS Landslide Committee members Oldrich Hungr and Serge Leroueil, and L. Picarelli, on the Classification of landslides that was presented at Banff in 2012 has been submitted to the Journal "Landslides" for publication.

Transportation Geotechnique Committee - Roger Skirrow, Chair

Report of Activities - July 1, 2012 to June 30, 2013

Introduction

The Transportation Geotechnique Committee (TGC) was given status as a specialty committee under the Soil Mechanics and Foundations Division in September 2005. The proposal for the committee was submitted to the CGS by Keith Kosar and Roger Skirrow in 2003 but not formed until August 2005.

The TGC's mandate covers the broad areas of transportation-related geotechnique, including:

- Geotechnical design, construction and maintenance of transportation infrastructures
- Earthworks for transportation facilities
- Geomaterials and recycled materials
- Geotechnics for pavements, rail track and airfield
- Geosynthetics and applications
- Sustainability, performance evaluation, and rehabilitation
- Risk management and environmental issues

Executive Committee

The 2012-2013 Executive Committee of the TGC consists of the following members:

Chair: Roger Skirrow

Vice-Chair: Mario Ruel

Secretary: Don Lewycky

Past-Chair: Tim Keegan

Members: Paul Lach, Anne Poschman, Heinrich Heinz, Sean MacEoin, Maxime Paradis, Serge Bourque, Marolo Alfaro, Serge Bourque, Jean Hutchinson, Dave Cruden, Derek Martin, Mark Pritchard, Rod Ramage, James Hoyt, K Johnston, Heidi Evensen, Guy Dore, Tom Edwards, Victor Cui

Affiliations with Other Organizations

Representatives on the TGC include regional representatives, geotechnical practitioners, government representatives and University researchers across the transportation community.

Members of the TGC are active within the Railway Ground Hazard Research and Development Program (RGHRP) Committee. Members of TGC are involved with drafting chapters of a RGHRP document entitled Guidelines for Geohazard Risk Assessment along Canadian Railways, and the TGC Chair is the Managing Editor of this document. TGC members are active on the CGS Landslide Committee, Professional Practice Committee and Soil Mechanics and Foundation Divisions. Several TGC members are also members of the Transportation Association of Canada, Soils and Materials Standing Committee. These members are pushing to have awareness and appreciations of geotechnique issues elevated within the broader transportation community.

List of Activities

CGS 2012 Conference, Winnipeg – There was one technical session for Transportation Geotechnique. Tim Keegan chaired the session. A committee meeting was held during the conference.

Roger Skirrow is the Transportation Geotechnique stream coordinator for the 2013 Montreal CGS conference. It is anticipated there will be at least one TG theme session at the conference. TGC members will participate in the technical review of the submitted papers.

The Railway Ground Hazard Program Technical Committee, chaired by Tom Edwards, continues to offer full support in the form of abstracts and collaborative initiatives.

The future activities and initiatives of the committee will be discussed in September at the CGS Conference.

Financial Status

The committee has no operating budget of its own.

Professional Practice Committee - Kent Bannister, Chair
Report of Activities - July 1, 2012 to June 30, 2013

Introduction

The Professional Practice Committee (PPC) is on track to complete its objectives for this year. Since our last report we have held two specialty sessions at the annual conference in Winnipeg. The sessions were:

- “If I Knew Then What I Know Now” – This was presented in a parallel session presented jointly with the CGS Education Committee. The presenter, Andrew Steeves, provided advice to young engineers based on lessons learned through his career in private practice.
- “Projects Gone Wild” – This was a plenary session featuring case studies of projects where legal or contractual issues were encountered. The session featured presentations by John Seychuk and Fred Match.

Both sessions were well received by the membership. The PPC has also maintained up to date content on the CGS web page, which includes copies of past presentations organized by the committee.

We are presently preparing one specialty session for the 2013 CGS Conference which will be held in Montreal. Two sessions were requested however given the large number of responses to the call for abstracts only one session could be accommodated by the conference. The Topic for the session is presently being finalized.

Executive Committee

The 2012-2013 Executive of the Professional Practice Committee consists of the following members:

Chair: Kent Bannister

Past Chair: Yves Cormier

Members: Roger Skirrow, James Blatz, Rodney McAfee, Bob Patrick

List of Activities

The PPC has set several objectives for 2012/13 the status of each is provided below:

Objectives	Status
1. Continue the delivery of specialty sessions during the Canadian Geotechnical Conference	Completed – two sessions held in Winnipeg
2. Updating PPC information on the new CGS website	Information is up to date
3. Arranging Specialty Sessions for 2013 CGC	1 session presently being planned
4. Expand membership to include representation from across the country	We presently have strong representation in Western Canada and one member from Atlantic Canada. We have submitted a CV for a candidate from Quebec for the board to consider as a new member
5. Publication of an article in Geotechnical News in 2013	This is under consideration.
6. Seeking a replacement for the current chair.	On-going.

The executive has met regularly since our last report, activities are summarized below:

Date	Activity / Event
August 2012	PPC executive conference call
September 2012	Meeting at the CGS Conference
January 2013	PPC executive conference call
February 2013	PPC executive conference call
March 2013	PPC executive conference call
May 2013	PPC executive conference call

Financial Status

The PPC does not have an operating budget and carries no expenses.

Technical Committee on Mining Geotechnique - Michel Aubertin, Chair
Report of Activities - July 1, 2012 to June 1, 2013

The Technical Committee on Mining Geotechnique was created by the CGS Board of Directors in October 2011.

Executive Committee

Chair: Michel Aubertin

Vice-Chair: Paul Simms

Members: Bruno Bussi re, Murray Grabinsky, Gord McKenna, Dharma Wijewickreme, Ward Wilson

The mandate of the Committee is as follows:

- a) Organize and coordinate sessions on Mining Geotechnique at the annual Canadian Geotechnical Conference, in collaboration with the Technical Divisions of CGS.
- b) Act as a forum for discussion between industry, academics, and students on issues of research, education and training.
- c) Promote awareness of Mining Geotechnique within the CGS, the geoscience community, and related fields.
- d) Liaise between CGS and other mining-related national and international organizations.
- e) Help publicize the importance of Mining Geotechnique to the Canadian public.
- f) Contribute to efforts that may be beneficial to the Mining Geotechnique community.

The main goals and some of the ongoing activities of the Technical Committee were described briefly in a recent article published in Geotechnical News (June 2012, pp. 39-42).

Membership Information

The list of those who have expressed an interest now includes more than 30 CGS members, in addition to the Executives identified above. It can be expected that others will join as the existence of the committee becomes better known. Those on this list receive information by e-mail distributed by the Technical Committee.

List of Activities

Members of the Technical Committee (TC) have been promoting the submission of papers and the organization of technical sessions at the annual CGS Conference. This effort had a positive impact last year as a number of papers on mining geotechnique were presented during the 2012 conference in Winnipeg.

This year, more than 50 Abstracts dealing with mining geotechnique have been submitted for the upcoming GeoMontreal 2013 Conference (www.geomontreal2013.ca). These abstracts have been reviewed by members of the TC. Given the level of interest, it can be expected that a significant portion of the technical program will deal with problems and solutions in mining geotechnique, including the R.M. Hardy Keynote Address.

Many CGS members will also participate in the upcoming World Mining Congress, which will be held in Montreal in August 2013. A number of technical sessions scheduled during this Congress will relate to mining geotechnique. Another important conference, Tailings and Mine Waste 2013, will be hosted in Banff next November (www.tailingsandminewaste.org) and more than 100 abstracts have submitted. The CGS is a supporter of this event, and it can be expected that many of its members will participate. This year, Montreal will also be hosting the annual conference of the Canadian Dam Association (www.cda.ca), in October 2013; again, it can be anticipated that a number of CGS members will be attending.

Mine Closure 2013 is being held in Cornwall, UK from September 14-22 (www.mineclosure2013.com). This follows the successful conference Mine Closure 2012 held in Brisbane, Australia, which was well attended. While much broader than geotechnical, many of the aspects of landform design, reclamation, and closure are geotechnical in nature. The Third International Oil Sands Tailings Conference (IOSTC 2012) was held December 2-5, 2012, in Edmonton, AB. The keynote speakers included well known members of CGS, who addressed the most challenging issues regarding oil sands tailings and management, significant research efforts to overcome these challenges and how industry is responding. With more than 50 technical

presentations, IOSTC 2012 brought together 350 participants from the international community. Details for IOSTC 2014 will be available in a few months (www.ostf.com).

The Quebec Mines 2012 Conference (www.quebecmines.mrn.gouv.qc.ca/) was held last November in Quebec City. This annual event includes technical sessions on different mining topics, from exploration to mine closure. Specific sessions were dedicated to geo-environmental issues, with the active participation of many CGS members. Earlier in the year, a series of presentations on mine waste management were included in the program of the 80th Congress from ACFAS (www.acfas.ca) in Montreal.

Major research endeavors are being conducted in Canada, helping to fuel the content of conferences such as those mentioned above. Among these, a four-year project led by Carleton University and the University of Alberta should be mentioned. This project aims to improve understanding of the geotechnical and rheological behaviour of polymer-amended mature fine tailings 'MFT' technologies, to assist operators in optimizing their tailings operations to more efficiently meet tailings disposal regulations. The project includes field work at a number of commercial scale demonstration sites for the different tailings technologies, as well as laboratory programs at the two universities on desiccation-consolidation and beaching behaviour of the different tailings streams. The project is jointly-funded by the Oil sands Tailings Consortium and NSERC. The project will train at least 8 students (HQP) over the four years, and expose these students to the day to day operational challenges of participating operators. Fieldwork commenced in late summer at Shell's atmospheric fines drying demonstration site.

Consortium meetings and discussions have been organized by the University of British Columbia Clean Energy Research Centre (UBC CERC) on the subject of Oil Sands Tailings. The objectives of this ongoing work are to: 1) Create awareness of tailings related research activities at UBC and capabilities for further research activities; 2) Provide specific suggestions on where UBC could add value, ideally in the context of the Tailings Consortium Roadmap that was just publicly released. These events have been successful with attendance by leading members of the oils sands industry, and UBC Faculties of Applied Science, Science, and Forestry.

Along the same lines of oil sands tailings management, it is worth mentioning that the Syncrude Geotechnical Review Board celebrated its 40th anniversary in 2012. The Board meets two to four times per year and addresses geotechnical issues related to oil sands mining, tailings, and closure.

A six-year project on Cemented Paste Backfill coordinated through the University of Toronto with collaborators at Carleton University and the University of Waterloo is coming to a close this year and a further five years of funding has already been secured from industry. The past work resulted in 4 PhDs and 5 Masters graduates, most of whom are now working in industry. The new phase of work will focus on using admixtures to enhance the field performance of backfill through enhanced rheology for efficient paste delivery, reduced water content for improved binder efficiency, and hydration optimization for faster setting times and reduced mining cycle time.

The program of the Research Institute on Mines and Environment - RIME UQAT-Polytechnique - was recently launched by Université du Québec en Abitibi-Témiscamingue (UQAT) and Ecole Polytechnique de Montréal. This program relies on the active participation of several mining partners: Agnico Eagle, Osisko Mining Corporation, Iamgold Corporation, Rio Tinto, Fer et Titane inc. and Xstrata Nickel Raglan Mine. This innovative partnership is expected to produce top-notch research activities and help train a large number of highly qualified professionals. Focusing on the management of mining waste, the research program aims at developing environmental solutions for a mine's full life cycle. A number of topics related to current industrial issues will be tackled over the next 7 years, including the reclamation of mine sites, the hydrogeotechnical behaviour of tailings impoundments, the design of waste rock piles, and the use of mining wastes to backfill underground openings. RIME UQAT-Polytechnique is contributing to the development of research while consolidating training for the mining sector at the undergraduate, master and doctoral levels.

Affiliations with Other Organizations

Discussions are being pursued to establish closer ties with other organizations that are active in mining geotechnique, including the Canadian Dam Association (CDA), the Canadian Institute of Mining, Metallurgy and Petroleum (CIM), and the Mining Association of Canada (MAC).

Financial Status: Nothing to report at this time.

Geotechnical Research Board - Jean Côté, Chair Report of Activities - July 1, 2012 to June 30, 2013

Introduction

Former Chair, James Blatz, resigned for personal reasons in the summer of 2012. In January 2013, Jean Côté agreed to act as Interim Chair, Geotechnical Research Board (GRB) for the year 2013. At the same time, GRB members Catherine Mulligan and Dharma Wijewickreme were appointed to the CGS Executive Committee and could not remain active within the GRB. With another member that had completed his second three years term, the GRB Committee urgently needed to add new members.

Executive Committee

The 2012-2013 Executive Committee of the Geotechnical Research Board consists of the following members:

*Jean Côté (Chair, Université Laval),
James Blatz (Past-Chair, University of Manitoba)
Mamadou Fall (University of Ottawa)
Kevin Jones (EBA Tetra Tech)
Mark Smith (Hydro Québec)
Myint Win Bo (DST Group)
Ian Fleming (University of Saskatchewan)
Tai Wong Bo (Millennium EMS Solutions).*

List of Activities

2012 Meeting

The GRB held a short meeting during the 2012 Canadian Geotechnical Conference in Winnipeg. Only three members were present and discussed the urge to find a new Chair. Discussion also included a) the difficulties of getting the Colloquium talk published in the Canadian Geotechnical Journal as well as b) potential activities that could be organized for the Montreal 2013 conference.

2014 Colloquium Selection

Three strong candidates were nominated for the 2014 Colloquium. The selection committee, presided by the GRB Chair completed reviewing and ranking the nominations following the rules adopted by the Society. The selection committee comprised the Technical Division Chairs, three representatives of the editorial board of the CGJ and GBR members. The selection of the 2014 Colloquium speaker, to remain confidential, was finalized before April 1. An announcement will be made at the upcoming conference in Montreal.

Upcoming Chair and Membership:

Murray Grabinsky, from the University of Toronto, has agreed to take over as Chair of GRB for a three-year term commencing January 1, 2014. One or two new members should be added on a yearly basis to ensure rotation and maintain the number of members over 7 at all times. A new member has already been appointed for 2014.

The GRB will continue to focus on supporting the CGS membership, both academic and practicing, in engaging in research activities. The GRB will also be taking a role in the active promotion and advocacy of the CGS members to advisory boards, and policy.

Canadian Geotechnical Journal - Ian D. Moore, Editor
Report of Activities - July 1, 2012 to June 30, 2013

During 2012, a total of 480 manuscripts were received (348 were received in 2011), with 121 published (90 articles; 11 notes; and 20 discussions). Acceptance rate was 25% (it was 32% in 2011). The impact factor (an imperfect measure of journal quality, though one widely used) dropped from 0.867 to 0.811 (the 5-year impact factor is 1.119). Though impact factor has been rising, it is subject to yearly variations (it was 0.711 in 2010). The new ranking metric 'SJR' uses average weighted citations over a three year period, and omits all self cites. This indicated that in 2011 the CGJ was fifth of the 96 Geo journals, falling directly after the two specialty geosynthetic journals (*Geotextiles & Geomembranes* and *Geosynthetic International*), *Geotechnique and Earthquake Engineering* and *Structural Dynamics* (primarily a structures rather than geoenvironment journal). It came just ahead of the ASCE JGGE and another 89 geoenvironment journals, including others which are widely acknowledged as excellent. Of course, that ranking will vary from year to year, but it is nice to be able to celebrate this success at the 50th anniversary of the journal.

On the subject of the 50th, there are a number of special events to celebrate the journal's history and the importance of its impact. These include a special editorial I prepared at the start of the year, a second special editorial being prepared by four past editors, Drs. Graham (1985-1988), Mitchell (1993-1997), Becker (1998-2000), and Valsangkar (2002-2006), and a special issue on unsaturated soil mechanics next year (lead by a third special editorial prepared by Del Fredlund). I am working with Drs. Bathurst and Sowa to arrange for a brief celebration of the journal's achievements at the annual conference in Montreal.

As usual, there has been some turnover on the Editorial Board and the current Associate Editors are David Airey, Lis Bowman, Jean Côte, Yu-Jun Cui, Hesham El Naggar, Kevin Gavin, Rajah Gnanendran, Peijun Gou, Susan Gourvenec, Murray Grabinsky, Chris Haberfield, Bipul Hawlader, Buddhima Indraratna, Jayantha Kodikara, Craig Lake, Richard Merrifield, Hani Mitri, John Molson, David Muir Wood, Charles Ng, Scott Olson, Jin Ooi, James Oswell, Ennio Palmeira, Ryan Phillips, Kerry Rowe, Charles Shackelford, Paul Simms, Jitendra Sharma, Daichao Sheng, Greg Siemens, Andy Take, Dwayne Tannant, Richard Wan, Dharma Wijewickreme, and Jian-Hua Yin (17 Canadians and 18 other members from Australia, the UK, the USA, Brazil, Ireland, France, Hong Kong, and Singapore). I would like to thank all of the Associate Editors for their excellent hard work and dedication. Special thanks to Dave Chan and Oldrich Hungr who have recently completed their terms.

At the time of writing this report the number of submissions is keeping pace with those received in 2012 (290 by July 29 so about 500 projected for the year). I have expanded the board over the past twelve months, but will continue to add members given the workload. At the time of writing this report, the board has 35 members (not counting myself). Our backlog of manuscripts waiting to be published has largely been addressed and so I have decreased the rejection rate for manuscripts that have worthwhile content that could be published after major revisions, and this will be subject to further modest adjustment depending on the page allocations and other considerations. We continue to emphasize contributions with implications for practice rather than those of purely scholarly interest.

A new initiative for the journal is the 'Editor's Choice', with 11 articles chosen during the course of the year to be highlighted on the website. This is not a substitute for the Quigley Award. Instead, it is designed to increase website visibility and highlight selected manuscripts on a monthly basis.

Each year I use this report to acknowledge the very important and essential contributions from peer reviewers. Over the past fifty years, there have been many thousands of such reviews, and the Editorial Office greatly appreciates their work.

In closing, I would like to thank the staff at Canadian Science Publishing for their great support, in particular the editorial assistants Donna Hartson and Nicole Huskins, and the Managing Editor, Jenny Stewart.

Special Editorial for the 50th Anniversary Year of the Canadian Geotechnical Journal

It is both a pleasure and privilege to write this Editorial at the start of this 50th year of *the Canadian Geotechnical Journal*. During the past 49 years, geotechnical engineering has become a mature discipline, and I believe that the depth and breadth of the contributions to the theory and practice of geoenvironmental engineering published in the journal during its history are an extraordinary legacy of great benefit to present day readers and authors, as well as society and the environment.

Contributions to the first volume included those from a number of Canadian practitioners and researchers whose names are now commemorated with awards from the Canadian Geotechnical Society and associated organizations (Bozozuk, Hardy, Leggett, Lo, Meyerhof, Quigley and Stermac). The first volume was presented in four issues during 1963 and 1964, with sixteen articles, 4 discussions, 4 news articles, and one review published over 244 pages. In contrast, volume 49 of the journal published in 2012 contained 90 articles, 17 notes, and 17 discussions and closures, forming a total of 1447 printed pages. In his introduction to the first issue, Dr Leggett expressed the objectives of the new publication: "The journal is intended to provide a medium for the publication of papers in the applied geotechnical field. It is anticipated that most of the papers presented will deal with soil mechanics. In keeping, however, with the liaison with allied fields that has always characterized Canadian soil mechanics work, papers dealing with associated subjects such as engineering geology, pedology, muskeg, hydrology, and the mechanics of snow and ice will always be welcomed by the Editorial Board." Leggett also expressed the goal that both Canadian and "suitable contributions from other countries will be accepted". In 2012, the articles and the international experts contributing them remain aligned with those initial goals.

As I prepared this editorial, I browsed through the first four issues, and it was interesting to see the early roots of the journal's excellent history of contributions to unsaturated soil mechanics. Dyregrov and Hardy discuss "the formidable engineering problem in the design of satisfactory foundations for building" associated with swelling of the Lake Agassiz clay deposits, and Hamilton's article "Volume changes in undisturbed clay profiles in Western Canada" described the distribution and characteristics of shrinking and swelling materials more generally. Another contribution was Meyerhof's highly cited article "Some recent research on the bearing capacity of foundations" summarizing his bearing capacity equations. We continue to reinforce the journal's practical focus reflective of the objectives laid out in 1963. While the journal does publish articles involving computational or bench-scale laboratory work, they must be directed towards the solution of a practical problem and include specific guidance on the implications for GeoEngineering practice, or the work must focus on one of geotechnical materials of special interest to the journal such as unsaturated soils, Leda clays or frozen ground. The journal rarely publishes new theoretical work, for example, without that practical component, and high quality theoretical contributions are routinely declined with encouragement to resubmit to one of the excellent journals that do publish theoretical studies

Activities to commemorate this special year for the journal will include guest editorials and an event at the annual conference organized by the Canadian Geotechnical Society (under the direction of Dr. Richard Bathurst, the Society's new President). I conclude by acknowledging the outstanding contributions made by past authors, reviewers, editorial boards, and the publishers, and the current board's enthusiastic commitment to continue to work with the international community, the publisher and the CGS to maintain that legacy.

Ian D. Moore

Editor

Canadian Geotechnical Journal

CGS News - Don Lewycky, Editor
Report of Activities - January 1, 2013 to June 30, 2013

I assumed the responsibilities of the Editor of CGS News in *Geotechnical News* at the beginning of 2013, a position very capably managed over the last six years by Phil Brunch, who completed his second three year term as editor in December 2012. Phil has continued to be very helpful in providing guidance and advice in my preparation of my first two issues of the *Geotechnical News*. I would like to publicly recognize his assistance and commend his outstanding work over the past six years.

Geotechnical News continues to be published four times a year (March, June, September and December). The mandatory items that are to appear in each specific issue are detailed in the CGS Administration Manual. The CGS News items are submitted to BiTech by the CGS News Editor approximately 2 months prior to the publication date for *Geotechnical News*. CGS News is now also posted on the CGS website by the CGS Administration (Wayne Gibson).

I greatly appreciate the support that I have received from the CGS Executive and the Board. I would like to thank Richard Bathurst, Victor Sowa, Wayne Gibson and the Canadian Foundation for Geotechnique in particular for their contributions to the columns so far. I have also begun the practice of soliciting content contributions from the various Section, Division and Committee Chairs. To date, the response has been rather tepid, but I intend to persist in trying to get greater participation from the various arms of the CGS.

**The Canadian Geotechnical Society
La Société canadienne de géotechnique
www.cgs.ca**

8828 Pigott Rd, Richmond, BC, V7A 2C4, Canada

**Telephone: 604-277-7527 or 1-800-710-9867
Fax: 604-277-7529**

**Secretary General/Sécrétaire général: Dr. Victor Sowa, P.Eng., P.Geo.
vsowacgs@dccnet.com**

**Administrator/Administrateur: Wayne Gibson, P.Eng.
cgs@cgs.ca**

