

The Canadian Geotechnical Society

**La Société canadienne
de géotechnique**



2012

Annual Report / Rapport annuel

Table of Contents

Awards and Honours	3
Board of Directors	5
President's Report	10
Vice-President Technical	12
Vice-President Finance	18
Vice-President Communications	27
SECTION REPORTS	
CGS Sections - Summary Report	30
Vancouver Island Section	31
Vancouver Section	32
Prince George Section	34
BC Interior - Kelowna Geotechnical Group	34
Northern Alberta, N.W.T. Yukon	35
Southern Alberta Section	37
Saskatoon Section	38
Regina Section	39
Manitoba Section	39
Thunder Bay Section	41
Sudbury Section	41
London Section – London CSCE-CGS Chapter	42
Southern Ontario Section – Toronto Group	43
Kingston Section	45
Ottawa Section	46
Western Quebec Section	48
Eastern Quebec Section	49
Nova Scotia Section	51
Newfoundland and Labrador Chapter	52
DIVISION REPORTS	
Technical Divisions Summary Report	54
Cold Regions Geotechnology Division	56
Engineering Geology Division	57
Geoenvironmental Engineering Division	58
Geosynthetics Division	59
Hydrogeology Division	60
Rock Mechanics Division	62
Soil Mechanics and Foundations Division	63
COMMITTEE REPORTS	
Computing Committee	65
Education Committee	66
Heritage Committee	69
Technical Committee on Landslides	70
Transportation Geotechnique Committee	71
Professional Practice Committee	73
Mining Geotechnique Committee	74
OTHER REPORTS	
Geotechnical Research Board	76
Canadian Geotechnical Journal	76
CGS News	77

CANADIAN GEOTECHNICAL SOCIETY - AWARDS AND HONOURS 2012

R.F. Legget Award	<u>Ed McRoberts</u>	
R.M. Quigley Award	<u>Pete E. Quinn, Mark S. Diederichs, R. Kerry Rowe and D. Jean Hutchinson</u> "A New Model for Large Landslides in Sensitive Clay using a Fracture Mechanics Approach" (Vol. 48: (8) pp.1151-1162)	
Honourable Mention	<u>Xue-Yu Geng, Buddhima Indraratna, and Cholachat Rujikiatkamjorn</u> "Effectiveness of Partially Penetrating Vertical Drains under a Combined Surcharge and Vacuum Preloading" (Vol. 48: (6) pp. 970-983) <u>Paul J. Vardanega and Malcolm D. Bolton</u> "Strength Mobilization in Clays and Silts" Vol. 48 (10) pp. 1485-1503)	
G. Geoffrey Meyerhof Award	<u>Delwyn G. Fredlund</u>	Professor Emeritus, University of Saskatchewan
Thomas Roy Award	<u>Oldrich Hungr</u>	Professor, University of British Columbia
Roger J. E. Brown Award	<u>James M. Oswell</u>	Principal Consultant, Naviq Consulting Inc.
John A. Franklin Award	Not scheduled for 2012	
Geoenvironmental Award	<u>Shahid Azam</u>	Associate Professor, University of Regina
Geosynthetics Award	<u>Jonathan Fannin</u>	Professor, University of British Columbia
Robert N. Farvolden Award (Joint award with IAH-CNC)	<u>D. Allan Freeze</u>	President, R. Allan Freeze Engineering Inc.

Graduate Student Paper Award

1st Prize	<u>Fawzy M. Ezzein</u> "A Transparent Granular Sand for Geotechnical Modelling" Department of Civil Engineering, Royal Military College of Canada; Advisor, Dr. Richard Bathurst
2nd Prize	<u>Fady B. Abdelaal</u> "Cracking of HDPE Geomembranes" Department of Civil Engineering, Queen's University; Advisor, Dr. Kerry Rowe

Undergraduate Student Report (Individual)

1st Prize	<u>David Flynn</u> "Large Scale Interface Shear Testing ABC Twin WaterBloc Material Enhancing Flood Protection". Department of Civil Engineering, University of Manitoba; Advisor, Dr. James Blatz
2nd Prize	<u>Lee-Ann Sills</u> "Use of transparent soil to investigate discontinuous gas flow in heterogeneous porous media" Department of Civil Engineering, Queen's University; Advisor, Dr. Kevin Munford

Undergraduate Student Report (Group)

1st Prize	<u>Hubert Péloquin, Leila Pike, Adham Kalila, and Mamoun Essakalli</u> "Europa Creek Hydroelectric Project: High Pressure Penstock Pipeline" Department Civil Engineering and Applied Mechanics, McGill University, Advisor, Dr. Mohamed Meguid
2nd Prize	<u>Jessy Counter, Dylan Conners, Brendan McAuley, Carl Mohammadi</u> "Foundation Design for Canadian Embassy Structures (Using the Mechanics of Saturated and Unsaturated Soils)" Department of Civil Engineering, University of Ottawa, Advisor, Dr. Sai Vanapalli

Canadian Foundation for Geotechnique National Graduate Scholarship - Michael Callaghan, University of Calgary

A.G. Stermac Awards

<u>Andrew Drevininkas</u>	(Chief Geotechnical Engineer, Toronto Transit Commission)
<u>Charles Kwok</u>	(Senior Geotechnical Engineer, Senior Principal, Stantec)
<u>Dwayne D. Tannant</u>	(Professor, University of British Columbia, Okanagan Campus)
<u>Stéphanie Perret</u>	(Lecturer, College CEGEP de Sherbrooke)

CGS R.M. Hardy Keynote Address	<u>R. M. (Rob) Kenyon</u> KGS Group, Manager
CGS Keynote Address	Not scheduled for the 2012 CGS Winnipeg Conference.
Canadian Geotechnical Colloquium	<u>W. Andy Take</u> Associate Professor, Queen's University.
Cross Canada Lecture Tours	<u>Lee Barbour</u> (spring 2012), <u>Mike Jefferies</u> (fall 2012)

AWARDS FROM ENGINEERING INSTITUTE OF CANADA (EIC)

<i>Sir John Kennedy Medal</i>	<u>R. Kerry Rowe</u> Professor, Queen's University
<i>Julian C. Smith Medal</i>	<u>M.A.J. (Fred) Matich</u> Consultant, Private Practice
<i>John B. Stirling Medal</i>	<u>C. Derek Martin</u> Professor, University of Alberta
<i>Fellowship of the Institute (FEIC)</i>	<u>Doug Stead</u> Professor, Simon Fraser University
<i>Fellowship of the Institute (FEIC)</i>	<u>Hesham El Naggar</u> Professor, University of Western Ontario

LA SOCIÉTÉ CANADIENNE DE GÉOTECHNIQUE – PRIX ET DISTINCTIONS 2012

Médaille R.F. Legget Ed McRoberts

Prix R.M. Quigley Pete E. Quinn, Mark S. Diederichs, R. Kerry Rowe and D. Jean Hutchinson
"A New Model for Large Landslides in Sensitive Clay using a Fracture Mechanics Approach"
(Vol. 48: (8) pp.1151-1162)

Mention honorable Xue-Yu Geng, Buddhima Indraratna, and Cholachat Rujikiatkamjorn "Effectiveness of Partially Penetrating Vertical Drains under a Combined Surcharge and Vacuum Preloading" (Vol. 48: (6) pp. 970-983)
Paul J. Vardanega and Malcolm D. Bolton "Strength Mobilization in Clays and Silts" Vol. 48 (10) pp. 1485-1503)

Prix G. Geoffrey Meyerhof Delwyn G. Fredlund Professor Emeritus, University of Saskatchewan

Prix Thomas Roy Oldrich Hungr Professor, University of British Columbia

Prix Roger J.E. Brown James M. Oswell Principal Consultant, Naviq Consulting Inc.

Prix John A. Franklin N'a pas été décerné en 2012

Prix du géoenvironnement Shahid Azam Associate Professor, University of Regina

Prix des géosynthétiques Jonathan Fannin Professor, University of British Columbia

Prix Robert N. Farvolden D. Allan Freeze President, R. Allan Freeze Engineering Inc.

(Prix conjoint avec AIH-SNC)

Prix de l'étudiant diplômé

1^{er} prix Fawzy M. Ezzein "A Transparent Granular Sand for Geotechnical Modelling" Department of Civil Engineering, Royal Military College of Canada; Advisor, Dr. Richard Bathurst

2^e prix Fady B. Abdelaal "Cracking of HDPE Geomembranes" Department of Civil Engineering, Queen's University; Advisor, Dr. Kerry Rowe

Prix de l'étudiant non-diplômé, présentation individuelle

1^{er} prix David Flynn "Large Scale Interface Shear Testing ABC Twin WaterBloc Material Enhancing Flood Protection". Department of Civil Engineering, University of Manitoba; Advisor, Dr. James Blatz

2^e prix Lee-Ann Sills "Use of transparent soil to investigate discontinuous gas flow in heterogeneous porous media" Department of Civil Engineering, Queen's University: Advisor, Dr. Kevin Munford

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

1^{er} prix Hubert Péloquin, Leila Pike, Adham Kalila, and Mamoun Essakalli "Europa Creek Hydroelectric Project: High Pressure Penstock Pipeline" Department Civil Engineering and Applied Mechanics, McGill University, Advisor, Dr. Mohamed Meguid

2^e prix Jessy Counter, Dylan Connors, Brendan McAuley, Carl Mohammadi "Foundation Design for Canadian Embassy Structures (Using the Mechanics of Saturated and Unsaturated Soils)" Department of Civil Engineering, University of Ottawa, Advisor, Dr. Sai Vanapalli

Bourse nationale pour études supérieures de la FCG - Michael Callaghan, University of Calgary

Prix A.G. Stermac

Andrew Drevininkas (Chief Geotechnical Engineer, Toronto Transit Commission)

Charles Kwok (Senior Geotechnical Engineer, Senior Principal, Stantec)

Dwayne D. Tannant (Professor, University of British Columbia, Okanagan Campus)

Stéphanie Perret (Lecturer, College CEGEP de Sherbrooke)

Conférence d'honneur R.M. Hardy R. M. (Rob) Kenyon, KGS Group, Manager

Conférence d'honneur de la SCG N'a pas été décerné en 2012 pour la conférence en Winnipeg

Colloquium canadien de géotechnique W. Andy Take Associate Professor, Queen's University

Tournée de conférences pancanadiennes Lee Barbour (printemps 2012), Mike Jefferies (automne 2012)

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

Médaille M. John Kennedy R. Kerry Rowe Professor, Queen's University

Médaille Julian C. Smith M.A.J. (Fred) Matich Consultant, Private Practice

Médaille John B. Stirling C. Derek Martin Professor, University of Alberta

Fellow de L'ICI Doug Stead Professor, Simon Fraser University

Fellow de L'ICI Hesham El Naggat Professor, University of Western Ontario

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

2012 DIRECTORS AND COMMITTEE CHAIRS, OTHER POSITIONS AND SECRETARIAT
DIRECTEURS POUR L'ANNÉE 2012 – ET PRÉSIDENTS DE COMITÉS, AUTRES POSTES ET
SECRETARIAT

Terms end 31 December in the year shown. This document can also be found at
<http://cgs.ca/cgs-board.php?lang=en>

BOARD OF DIRECTORS

EXECUTIVE COMMITTEE

President/ Président *Term ends 31 Dec. 2012*

Bryan Watts, P.Eng.

Klohn Crippen Berger
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Vancouver, BC V5M 4X6
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Vice President Technical *2012*

Vice Président Technique

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Vice Président aux Finances

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Vice Président aux Communications

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Université Laval
Québec, Québec G1V 0A6
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Lukas Arenson, P.Eng. * *2012*

BGC Engineering Inc.
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larens@bgcengineering.ca
***Represents Technical Divisions on Committee**

Baolin Wang, P.Eng. * *2012*

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601 Booth St.,
Ottawa, Ontario K1A 0E8
Tel.613 992-8323 Fax: 613 992-0190
bwang@nrcan.gc.ca

***Represents Sections on Executive 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. *

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***Represents Technical Divisions on Executive Committee**

Engineering Geology *2012*

Géologie de l'ingénieur

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NBK Institute of Mining Engineering
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Geoenvironmental *2014*

Géologie de l'environnement

Myint Win Bo, P.Eng., P.Geo.

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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	2013	Prince George Geotechnical Group Doug Dewar, P.Eng. Spectra Energy Transmission 3985 – 22 nd Ave. Prince George, BC V2N 1B7 Tel: 250 960-2055 Fax: 250 960-2002 dldewar@spectraenergy.com	2012
Hydrogeology Hydrogéologie Chris Neville, P.Eng. S.S. Papadopulos & Associates Inc. 90 Frobisher Drive, Unit 2B Waterloo, ON N2V 2A1 Tel: 519 579-2100 Fax: 519 579-9779 cneville@sspa.com	2013	Interior BC Geotechnical Group Sumi Siddiqua, MIT. School of Engineering, University of British Columbia Okanagan Campus, 1137 Alumni Avenue Kelowna, BC V1V 1V7 Tel: 250.807.9863; Fax: 250.807.9850 sumi.siddiqua@ubc.ca	2015
Rock Mechanics Mécanique des roches Jim Hazzard, P. Eng. Itasca Consulting Group 330 Bay Street, Suite 820 Toronto, ON M5H 2S8 Tel: 416 907-2553 Fax 416 203-9456 jhazzard@itascacg.com	2014	N. Alberta, N.W. Territories, Yukon Nord de l'Alberta, Terr. du Nord-Ouest et Yukon Geotechnical Society of Edmonton Paul Lach P.Eng. The City of Edmonton Engineering Services, Transportation Depart. 2nd Floor, 11404 60 Avenue NW, Edmonton, Alberta T6H 1J5 Tel: 780 496-6358 Fax: 780 944-7653 paul.lach@edmonton.ca	2013
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	2013	Southern Alberta Sud de l'Alberta Calgary Geotechnical Group Frank Magdich, P.Eng Oak Environmental Inc. Suite 103; 4712 – 13 th St. NE Calgary, Alberta Tel: 403 250-9810 Fax: 403 250-3978 frank@oakenviro.com	2014
SECTION DIRECTORS DIRECTEURS DES SECTIONS <i>3-year term ending 31 December of year listed</i>		Saskatchewan Regina Geotechnical Group 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	2013
British Columbia Colombie-Britannique Vancouver Geotechnical Society Uthaya M. Uthayakumar, P.Eng. Trow Associates Inc. 7025 Greenwood St. Burnaby, BC V5A 1X7 Tel: 604 709-4639 Fax: 604 420-7723 uthaya.uthayakumar@exp.com	2012	Saskatoon Geotechnical Group 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	2013
Vancouver Island Geotechnical Group J. Suzanne Powell, EIT. Thurber Engineering Ltd. 100, 4396 West Saanich Rd. Victoria, BC V8Z 3E9 Tel: 250 727-2201 Fax: 250 727-3710 spowell@thurber.ca	2014		

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Est et Nord de l'Ontario		
<i>Ottawa Geotechnical Group</i>	2012	
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* Represents Sections on Exec. Committee		
<i>Thunder Bay</i>	2014	
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<i>Kingston Group</i>	2013	
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Sud de l'Ontario		
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<i>Sudbury Group</i>		2013
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Ouest du Québec		
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75, René-Lévesque Boulevard West, 3rd floor		
Montréal, QC H2Z 1A4		
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bigras.annick@hydro.qc.ca		
Est du Québec		
Eastern Quebec - Quebec City		2015
Jean Côté, ing.		
Département de génie civil et de génie des eaux		
Department of Civil & Water Engineering		
1065, avenue de la Médecine		
Pavillon Adrien-Pouliot, Université Laval		
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Tel: (418) 656-5936; Fax: (418) 656-2928		
Jean.Cote@gci.ulaval.ca		
Atlantic Provinces		
Provinces de l'Atlantique		
Nova Scotia Chapter		2013
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		
New Brunswick Chapter		
No Current Section Director		
<i>Newfoundland Chapter</i>		2014
Janet Williams, P.Eng.		
Geotechnical Engineer		
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OTHER DIRECTORS

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

TBA

Representative of CSCE on CGS Board: 2012
Jim Kells, P.Eng., FCSCE
Professor and Head
Dept. Civil & Geological Engineering
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Jim.Kells@usask.ca

[Note: CSCE President's term ends in June. Above term starts in June 10, 2012]

EX OFFICIO DIRECTORS

President-Elect, Président-Elu 2012
Richard J. Bathurst, P.Eng.
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13 General Crerar, Sawyer Building, Room 2414
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bathurst-r@rmc.ca

Editor Canadian Geotechnical Journal
Le directeur de la rédaction de la Revue canadienne de géotechnique from 1 April 2007
Ian Moore, P.Eng.
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Le directeur de la rédaction des Nouvelles de la SCG
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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
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Education Committee 2013
Le comité sur l'éducation
Greg Siemens, P.Eng.
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Heritage Committee 2014
Le comité Héritage
Mustapha Zergoun, P.Eng,
Engineering and Construction, Metro Vancouver
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Landslides Committee 2012
Le comité sur les glissements de terrain
Corey R. Froese, P.Eng., P.Geol.
Energy Resources Conservation Board
Alberta Geological Survey
Suite 402, Twin Atria Building, 4999 - 98 Ave.
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corey.froese@ercb.ca

Transportation Geotechniques Committee 2012
Le comité sur la géotechnique des transports
Tim Keegan, P.Eng.
100 - 16812 114 Avenue NW,
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tkeegan@klohn.com

END OF DIRECTOR'S LIST

Professional Practice 2013
Le comité sur la pratique professionnelle
Kent Bannister, P.Eng.
Trek Geotechnical Inc.
1712 St. James Street
Winnipeg, MB R3H 0L3
Tel: 204 975-9433
kbannister@trekgeotechnical.ca

Mining Geotechnique Committee 2014
Comité technique sur la géotechnique minière
Michel Aubertin, ing.
École Polytechnique, Dept. CGM
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Montreal, QC H3C 3A7
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michel.aubertin@polymtl.ca

REPRESENTATIVES ON OTHER ORGANIZATIONS

Representative to EIC Council:
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bwatts@klohn.com

Representative to CSCE Board:
Marcia MacLellan, P.Eng.
Klohn Crippen Berger Ltd.
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Representative to Canadian Federation of Earth Sciences (CFES), (formerly Canadian Geoscience Council, CGC):
John Sobkowicz, P.Eng.
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SECRETARIAT 2013

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Secrétaire Général
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President's Report to the Board - Bryan D. Watts
Report on Activities from July 1, 2011 to June 30, 2012

The Canadian Geotechnical Society continues to prosper due to the continued efforts of its membership, its Secretary General, **Dr. Victor Sowa**, and its' administration by **Mr. Wayne Gibson** and **Ms. Lisa McJunkin**. Continuing to assist me on the Executive Committee are **Dr. John Sobkowicz**, VP Technical; **Mr. Peter Gaffran**, VP Finance, and **Dr. Jean-Marie Konrad**, VP Communications. **Dr. Baolin Wang** represents the Local Sections while **Dr. Lucas Arenson** represents the Divisions. These latter two positions are one year terms which our President-Elect, **Dr. Richard Bathurst** will be seeking replacements! **Mr. Phil Bruch** continues as CGS Editor of Geotechnical News.

The CGS continues to play an important role in the Engineering Institute of Canada (EIC). The EIC has two council meetings each year and their awards committee, the HAF meets at least annually. This past year, two CGS members were elected Fellows of the EIC, **Dr. Doug Stead** of SFU and **Dr. Hesham El Nagggar** of Western. Our **Dr. Kerry Rowe** of Queens was awarded the Sir John Kennedy Medal, the highest award of the EIC. **Mr. Fred Matich** was awarded the Julian C. Smith Medal and **Dr. Derek Martin** of the U of Alberta was awarded the John B. Stirling Medal. Because 2012 was the 125th anniversary of both the EIC and CSCE, the EIC awards ceremony was held at the same time as the CSCE annual conference in Edmonton.

The CGS is the national representative for the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) and for the International Association of Engineering Geology and the Environment (IAEG). In October, 2011 the CGS hosted the 14th Pan-American Conference on Soil Mechanics and Geotechnical Engineering in conjunction with the 64th Canadian Geotechnical Conference. This conference also included the 5th Pan-American Conference on Teaching and Learning of Geotechnical Engineering. This conference was chaired by CGS member, **Mr. Andrew Drevininkas**. Our **Dr. Kerry Rowe** presented the Casagrande Lecture. The conference was a great success, attracting over 650 delegates from the Americas and around the world. Outside of the technical presentations, delegates were treated to an evening at the Royal Ontario Museum which is now housed in a stunning new building.

In June of 2012, our second international conference, the 11th International Symposium on Landslides (ISL) and the 2nd North American Symposium on Landslides was held at the Banff Springs Hote. **Mr. Corey Froese** of the Alberta Geological Survey chaired the conference and **Dr. Eric Eberhardt** of UBC organized the technical sessions. The conference attracted over 450 delegates from around the world who listened to keynote presentations and invited lectures of the highest calibre. The railway tour to the Kicking Horse Pass was cancelled because of a landslide at Mount Stephen which all could see from the alternative bus tour!!

The previous administration, led by then President, **Dr. Michel Aubertin**, got our new website up and running. Much progress has been made since then. To come are descriptions and contacts for all of our committees and a blog/posting area for improvements to the Canadian Foundation Engineering Manual (CFEM). The English language version of the CFEM continues to sell well. The French language translation of the 4th Edition is expected in 2012.

At the time of writing, we are anticipated a breakeven year in 2012 financially but much will depend on the registration at the Winnipeg conference. More details can be found in the report by our VP Finance, Mr. Peter Gaffran. This positive result comes in spite of increasing fees for our Secretary General and the Administration. In 2011, our revenues exceeded expenses by about \$14k.

Our big challenge for 2012 is to register under the new Not-For-Profit federal act. That involves membership acceptance with a two-thirds majority of our Letter of Continuance and our by-laws. Both will be presented to the membership at our Business meeting at the Winnipeg conference.

Rapport du président au conseil d'administration - Bryan D. Watts **Rapport sur les activités – 1^{er} juillet 2011 au 30 juin 2012**

La Société canadienne de géotechnique continue de prospérer, grâce aux efforts continus de ses membres, de son secrétaire général, **Victor Sowa (Ph. D.)** et de son personnel administratif, **M. Wayne Gibson** et **Mme Lisa McJunkin**. Dans le cadre de notre Comité exécutif, j'ai pu compter sur le concours du vice-président technique, **John Sobkowicz (Ph. D.)**, du vice-président des finances, **M. Peter Gaffran**, et du vice-président des communications, **Jean-Marie Konrad (Ph. D.)**. Les sections locales sont représentées par **Baolin Wang (Ph. D.)** et les divisions par **Lucas Arenson (Ph. D.)**. Ces deux derniers postes ont des mandats d'un an. Notre président désigné, **Richard Bathurst (Ph. D.)**, sera à la recherche de candidats! **M. Phil Bruch** continue d'assumer les fonctions de rédacteur de la SCG pour la revue *Geotechnical News*.

La SCG continue d'assumer un rôle important au sein de l'Institut canadien des ingénieurs (ICI). L'ICI a deux réunions de conseil chaque année. Son comité responsable des distinctions et des récompenses se rencontre au moins une fois l'an. L'année dernière, deux membres de la SCG ont été faits *fellows* de l'ICI, soit **Doug Stead (Ph. D.)**, de l'Université Simon Fraser, et **Hesham El Naggar (Ph. D.)**, de l'Université Western Ontario. **Kerry Rowe (Ph. D.)**, de l'Université Queen's, a reçu la Médaille Sir John Kennedy, qui est le prix le plus prestigieux décerné par l'ICI. L'ICI a aussi décerné la Médaille Julian C. Smith à **M. Fred Matich** et la Médaille John B. Stirling à **Derek Martin (Ph. D.)**, de l'Université de l'Alberta. Comme l'année 2012 marquait le 125^e anniversaire de l'ICI et de la Société canadienne de génie civil (SCGC), la cérémonie de remise des distinctions a eu lieu en même que la conférence annuelle de la SCGC à Edmonton.

La SCG est l'organisme qui représente le Canada à la Société internationale de mécanique des sols et de géotechnique (SIMSG) et à l'International Association of Engineering Geology and the Environment (IAEG). En octobre 2011, la SCG a été l'hôte de la 14^e conférence panaméricaine sur la mécanique des sols et l'ingénierie géotechnique tenue conjointement à la 64^e conférence géotechnique canadienne. La 5^e conférence panaméricaine sur l'enseignement et l'apprentissage en ingénierie géotechnique faisait également partie de l'événement. Cette conférence était présidée par l'un de nos membres, **M. Andrew Drevininkas**. La Conférence Casagrande a été prononcée par un autre de nos membres, **Kerry Rowe (Ph. D.)**. La conférence a connu un franc succès, attirant plus de 650 délégués des trois Amériques et de partout au monde. En plus d'assister à des présentations techniques, les délégués ont pu participer à une soirée au Musée royal de l'Ontario, qui se trouve désormais dans un nouvel édifice fort impressionnant.

Notre deuxième conférence internationale a eu lieu en juin 2012. Il s'agissait du 11^e symposium international sur les glissements de terrain (SIGT) et du 2^e symposium nord-américain sur les glissements de terrain (SNAGT), qui s'est déroulé à l'hôtel Banff Springs. **M. Corey Froese**, membre de la Commission géologique de l'Alberta, a présidé la conférence. Les sessions techniques ont été organisées par **Eric Eberhardt (Ph. D.)**, de l'Université de la Colombie-Britannique. La conférence a attiré plus de 450 délégués de partout dans le monde. Ils ont écouté des conférenciers invités et des conférenciers d'honneur du plus haut calibre. Le voyage en train au col de montagne Kicking Horse a été annulé à cause d'un glissement de terrain au mont Stephen que nous avons tous pu voir lors de l'excursion en autobus qui remplaçait ce voyage!

Sous la gouverne du président de l'époque, **Michel Aubertin (Ph. D.)**, l'administration précédente a monté notre site Web et en a assuré le fonctionnement. Depuis, le site Web a beaucoup progressé. Vous y verrez sous peu des descriptions et les coordonnées de tous nos comités, ainsi qu'un espace pour bloguer ou envoyer des commentaires visant à améliorer le *Canadian Foundation Engineering Manual* (CFEM). Ce manuel en langue anglaise continue à bien se vendre. La version française de la 4^e édition du manuel devrait voir le jour en 2012.

Au moment de la rédaction du présent rapport, nous anticipons une année rentable en 2012 sur le plan financier, mais cela dépendra en grande partie des inscriptions à la conférence de Winnipeg. Pour en savoir plus, consultez le rapport de notre vice-président des finances, M. Peter Gaffran. Nous obtenons ce résultat positif en dépit de frais grandissants encourus par notre secrétaire général et l'administration. En 2011, nos revenus ont dépassé nos dépenses d'environ 14 000 \$.

En 2012, notre grand projet sera de nous enregistrer en vertu de la nouvelle *Loi canadienne sur les organisations à but non lucratif*. Cela veut dire que les membres doivent accepter nos statuts de prorogation et nos règlements administratifs par une majorité aux deux tiers. Ces deux documents seront présentés aux membres lors de notre réunion d'affaires pendant la conférence de Winnipeg.

Vice-President Technical - John Sobkowicz
Report of Activities - July 1, 2011 to June 30, 2012

CGS Sections (and Related Activities)

There are 20 local sections of the CGS:

- 3 in Atlantic Canada* (with 10 executive members),
- 2 in Quebec (with 15 executive members),
- 6 in Ontario (with 54 executive members),
- 1 in Manitoba (with 8 executive members),
- 2 in Saskatchewan (with 12 executive members),
- 2 in Alberta (with 25 executive members), and
- 4 in British Columbia (with 20 executive members).

Annual reports were received from all sections with the exception of New Brunswick. We thank the chairs, co-chairs and other executive members for their careful service to the local members. At present, the chair of the *New Brunswick (Moncton) Section is vacant.

The local sections are active in sponsoring technical presentations, special events (e.g., the Cross Canada Lecture Tour), student forums and social activities. During the period July 1, 2011 to June 30, 2012, the CGS sections held 71 technical presentations, 24 CCLT presentations, 5 short courses, 5 student events and 1 conference.

CGS Sponsored, Co-Sponsored and Supported Conferences

The following conferences were held in late 2011:

- Slope Stability 2011 (supported conference) – International Symposium on Rock Slope Stability in Open Pit Mining and Civil Engineering, Vancouver, September 18-21, 2011.
- 64th Canadian Geotechnical Conference, Toronto, October 2-6, 2011.
- 14th ISSMGE Pan-American Conference on Soil Mechanics and Foundation Engineering and 5th Pan-American Conference on Teaching and Learning of Geotechnical Engineering, Toronto, October 2-6, 2011.

The following conferences were held in or are planned for 2012:

- Dave C. Sege Symposium was held in Edmonton, Alberta on April 26/27, 2012.
- Basics of Design of Piled Foundations (one day seminar) hosted by the VGS in Vancouver on May 4, 2012.
- 21st Canadian Rock Mechanics Symposium (RockEng12) was held in Edmonton, Alberta in May 6-9, 2012.
- 5th ASTM International Symposium on Contaminated Sediments was held in Montreal on May 23-25, 2012 and co-chaired by C. Mulligan.
- Joint 11th International Symposium on Landslides / 2nd North American Conference on Landslides, Banff, June 3-8 2012.
- Driven Pile Technologies for the 21st Century, co-sponsored by the Calgary Geotechnical Society and others, held in Calgary on June 28, 2012.
- 65th Canadian Geotechnical Conference, Winnipeg, Sept 30-Oct 3, 2012.

Other conferences of interest to CGS members, either National or International, that are sponsored by other organizations, are listed on the CGS web site.

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 tours each year in recent years, one in the spring and one in the fall. The fall 2011 CCLT was presented by Steven G. Vick, author of "Planning, Design and Analysis of Tailings Dams" and "Degrees of Belief", between October 24 and November 4. Mr. Vick presented three different talks: "Geotechnical Risk and Public Policy – The Other Side of the Wall", "The Consequences of Tailings Dam Failures", and "The Science of Judgement".

The spring 2012 CCLT was presented by Dr. Lee Barbour from the University of Saskatchewan, speaking on "Oilsands Mine Closure Landforms". The fall 2012 CCLT speaker will be Prof. Mike Jeffries, who has

proposed three talks on “The State Parameter – it is older than you think and widely applicable”, “Flaws in the NCEER liquefaction assessment method and how to fix them”, and “Looking towards Beaufort Sea Development – Experience of Design, Regulation and Reality with the Molikpaq 1984-9”. His tour is tentatively scheduled for October 15 to 31.

It is important to note that these tours are funded through the Canadian Foundation for Geotechnique and to acknowledge the generous support of the industry sponsors.

Canadian Geotechnical Journal

The journal is an important showcase for our community, publishing both national and international, 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. During 2011, a total of 348 manuscripts were received (352 were received in 2010), with 141 published (126 articles; 11 notes; 4 discussions; 1 book review), up from 101 in 2010. As of July 2012, there has been a substantial increase (45%) in submissions relative to 2011. Dr. Moore continues to work on improving acceptance times, which has a major impact on the journal’s “impact factor” and which clearly is attracting contributions from leading scholars and practitioners.

CGS congratulations go to Dr. Moore, who earlier this year was appointed by Canadian Science Publishing to his second 5-year term as Editor of the CGJ – a great honour and a great responsibility!

We thank the members of CGS who act as Associate Editors and as Paper Reviewers for the Journal (past and present). Currently there are 33 Associate Editors: 17 Canadians and 15 other CGS members from Australia, Hong Kong, Singapore, the UK, and the USA, Brazil and France.

CGS Divisions

All technical divisions have provided annual reports listing their activities during the period and future activities:

- Cold Regions (CRGD); Chair: Lukas Arenson (6 executive; 54 “first choice” CGS members)
- Engineering Geology (EGD); Chair: Davide Elmo (3 executive; 129 “first choice” CGS members)
- Geoenvironmental Engineering (GED); Chair: Myint Win Bo (7 executive; 95 “first choice” CGS members)
- Geosynthetics (GSD); Chair: Kerry Rowe (4 executive; 50 “first choice” CGS members)
- Hydrogeology (HGD); Chair: Chris Neville (4 executive; 49 “first choice” CGS members)
- Rock Mechanics (RMD); Chair: Jim Hazzard (4 executive; 88 “first choice” CGS members)
- Soil Mechanics and Foundation Engineering (SMFD); Chair: Bipul Hawlader (10 executive; 700+ “first choice” CGS members).

Of the seven Divisions, two of the Chairs are new in 2012 and their terms thus end in 2014. Davide Elmo’s term ends December 31, 2012 (Chair of Engineering Geology). The terms of the remaining Division Chairs continue until the end of 2013.

These divisions are affiliated with a specific international body 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. We thank all 7 Division chairs and 31 additional executive members for their valuable contributions.

CGS Technical Committees

The society currently has 7 technical committees:

- Standing Committee on Computing - Chair: Peijun Guo (8 Committee Members)
- Standing Committee on Education - Chair: Greg Siemens (13 Committee Members)
- Standing Committee on Heritage - Chair: Mustapha Zergoun (11 Committee Members and 9 other “interested” CGS members)
- Standing Committee on Landslides - Chair: Corey Froese (5 Committee Members)
- Standing Committee on Mining Geotechnique - Chair: Michel Aubertin (7 Committee Members)
- Standing Committee on Professional Practice - Chair: Kent Bannister (7 Committee Members)
- Standing Committee on Transportation Geotechnique – Chair: Tim Keegan (24 Committee Members)

All 7 committees have submitted written annual reports, which indicate that they are active in supporting conferences; running competitions, symposia and short courses; and collecting historical information. We take this opportunity to express our appreciation to the 7 Committee Chairs and the 68 additional Committee members for their valuable contributions. Peijun Guo (Computing), Corey Froese (Landslides) and Tim Keegan (Transportation Geotechnique) are all approaching the end of their 3-year terms as Committee Chairs, and we especially thank them for their dedicated service.

Canadian Geotechnical Research Board

The Canadian Geotechnical Research Board has 9 executive members, chaired by James Blatz (Associate Dean Research, University of Manitoba). Dr. Blatz has resigned as Chair effective July 1, 2012, and the Executive is currently looking for a replacement.

The Colloquium speaker for the 64th Annual Conference in Toronto was Craig Lake, Associate Professor, Dalhousie University, and for the 65th Annual Conference in Winnipeg will be Prof. Andy Take. Three strong candidates were nominated for the 2013 Colloquium; the selected candidate will be announced at the Winnipeg conference.

Engineering Institute of Canada

Several CGS members were honoured by the EIC at its 125th anniversary meeting held in June, 2012 in Edmonton. R. Kerry Rowe received the Sir John Kennedy Medal (the most senior EIC award), M.A.J. (Fred) Matich received the Julian C. Smith Medal, C. Derek Martin received the John B. Stirling Medal, and Hesham El Naggat and Doug Stead were made Fellows of the EIC. (Note that the EIC policy is to deliver about 20 fellowships per year, and there are over 20,000 members in the 12 constituent societies). Congratulations to all Award winners and to the new EIC Fellows.

Canadian Foundation Engineering Manual

The French translation of the CFEM 4 was completed in 2011 by Jean Lafleur, Denis Leboeuf, Jean-Marie Konrad, Elie Rahhal and Paul Chiasson. It is also been copy-edited and some chapters have the publication layout completed. Work is proceeding on the remaining chapters. It is hoped that an RFP for publication will be issued before the end of 2012.

CGS News

The CGS News is published by Bi-Tech Publishers Ltd. four times a year (March, June, September and December) and is mailed to CGS members as well as being posted on the CGS web site.

Phil Bruch is entering his final (6th year) as editor of the CGS News and is currently searching for a replacement.

Rapport du vice-président technique - John Sobkowicz ***Activités du 1^{er} juillet 2011 au 30 juin 2012***

Sections de la SCG (et activités connexes)

La SCG compte 20 sections locales :

- 3 dans la région Atlantique du Canada* (comptant 10 membres exécutifs);
- 2 au Québec (comptant 15 membres exécutifs);
- 6 en Ontario (comptant 54 membres exécutifs);
- 1 au Manitoba (comptant 8 membres exécutifs);
- 2 en Saskatchewan (comptant 12 membres exécutifs);
- 2 en Alberta (comptant 25 membres exécutifs); et
- 4 en Colombie-Britannique (comptant 20 membres exécutifs).

À l'exception de celle du Nouveau-Brunswick, toutes les sections ont envoyé leur rapport annuel. Nous remercions les présidents, les vice-présidents et les autres membres exécutifs pour les services inestimables qu'ils ont rendu aux membres locaux. À l'heure actuelle, le poste de président de la section du *Nouveau-Brunswick (Moncton) est vacant.

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. Durant la période du 1^{er} juillet 2011 au 30 juin 2012, les sections de la SCG ont organisé 71 présentations techniques, 24 présentations dans le cadre de la TCP, 5 cours intensifs, 5 événements étudiants et 1 conférence.

Conférences commanditées, cocommanditées et subventionnées par la SCG

Les conférences suivantes ont eu lieu à la fin de 2011 :

- Stabilité des pentes 2011 (conférence subventionnée) – Symposium international sur la stabilité des pentes rocheuses dans une exploitation minière à ciel ouvert et sur le génie civil, Vancouver, du 18 au 21 septembre 2011;
- 64^e conférence géotechnique canadienne, Toronto, du 2 au 6 octobre 2011;
- 14^e conférence panaméricaine de la SIMSG sur la mécanique des sols et le génie des fondations et 5^e conférence panaméricaine sur l'enseignement et l'apprentissage en ingénierie géotechnique, Toronto, du 2 au 6 octobre 2011.

Les conférences suivantes ont eu lieu en 2012 ou auront lieu en 2012 :

- Le Symposium Dave C. Sego a eu lieu à Edmonton (Alberta), les 26 et 27 avril 2012.
- Rudiments de la conception des fondations sur pieux (séminaire d'une journée), dont la VGS était l'hôte le 4 mai 2012.
- Le 21^e symposium canadien sur la mécanique des roches (RockEng12) a eu lieu à Edmonton (Alberta), du 6 au 9 mai 2012.
- Le 5^e symposium international de l'ASTM sur les sédiments contaminés a eu lieu à Montréal du 23 au 25 mai 2012 et a été coprésidé par C. Mulligan.
- Le 11^e symposium conjoint international sur les glissements de terrain /2^e symposium nord-américain sur les glissements de terrain a eu lieu à Banff, du 3 au 8 juin 2012.
- Un séminaire sur les technologies de pieux battus pour le 21^e siècle, cocommandité par la Calgary Geotechnical Society et d'autres organismes, s'est déroulé à Calgary le 28 juin 2012.
- La 65^e conférence géotechnique canadienne a lieu à Winnipeg, du 30 septembre au 3 octobre 2012.

Le site Web de la SCG présente une liste d'autres conférences nationales ou internationales commanditées par d'autres organismes et pouvant intéresser ses membres.

Tournée de conférences pancanadiennes (TCP)

La tournée continue d'être une pierre angulaire de la société étant donné qu'elle existe depuis 1965. Ces dernières années, nous avons organisé deux tournées annuelles, au printemps et à l'automne. La TCP de l'automne 2011 a été présentée par Steven G. Vick, auteur de « Planning, Design and Analysis of Tailings Dams » et de « Degrees of Belief », du 24 octobre au 4 novembre. M. Vick a donné trois exposés différents : « Geotechnical Risk and Public Policy – The Other Side of the Wall », « The Consequences of Tailings Dam Failures » et « The Science of Judgement ».

La TCP du printemps 2012 a été présentée par Lee Barbour (Ph. D), de l'Université de la Saskatchewan. Son exposé s'intitulait « Oilsands Mine Closure Landforms ». Le conférencier de la TCP de l'automne 2012 sera le professeur Mike Jeffries. Il a proposé trois exposés, à savoir « The State Parameter – it is older than you think and widely applicable », « Flaws in the NCEER liquefaction assessment method and how to fix them » et « Looking towards Beaufort Sea Development – Experience of Design, Regulation and Reality with the Molikpaq 1984-9 ». Le calendrier préliminaire de sa tournée vise la période du 15 au 31 octobre.

Il est important de souligner que ces tournées sont subventionnées par la Fondation canadienne de géotechnique et de reconnaître l'appui généreux des commanditaires de l'industrie.

Revue canadienne de géotechnique (RCG)

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.), la revue continue de prospérer. En 2011, 348 manuscrits ont été reçus (en 2010, le total était de 352) et 141 ont été publiés (126 articles; 11 notes; 4 discussions; 1 recension d'ouvrage), une hausse par rapport aux 101 manuscrits publiés en 2010. À compter de juillet 2012, il y a eu une hausse marquée (45 %) de soumissions par rapport à 2011. M. Moore continue d'améliorer les délais d'acceptation, car ils ont une très

grande incidence sur le facteur d'influence de la revue et qui, à l'évidence, attirent des textes d'universitaires et de praticiens de premier plan.

La SCG félicite M. Moore, qui a été nommé au début de l'année par Éditions Sciences Canada pour un deuxième mandat de cinq ans à titre de rédacteur de la RCG, un grand honneur et une lourde responsabilité!

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). À l'heure actuelle, la RCG compte 33 rédacteurs associés : 17 membres canadiens de la SCG et 15 membres d'autres pays comme l'Australie, Hong-Kong, Singapour, le R.-U. et les É.-U.

Divisions de la SCG

Toutes les divisions techniques ont remis des rapports annuels énumérant les activités réalisées durant la période et prévues ultérieurement :

- la Division de la géotechnique des régions froides (DGRF); président : Lukas Arenson (6 membres exécutifs; 54 membres de la SCG ayant retenu cette division comme « premier choix »);
- la Division de la géologie de l'ingénieur (DGI); président : Davide Elmo (3 membres exécutifs; 129 membres de la SCG ayant retenu cette division comme « premier choix »);
- la Division de l'ingénierie géoenvironnementale (DIG); président : Myint Win Bo (7 membres exécutifs; 95 membres de la SCG ayant retenu cette division comme « premier choix »);
- la Division de la géosynthétique (DG); président : Kerry Rowe (4 membres exécutifs; 50 membres de la SCG ayant retenu cette division comme « premier choix »);
- la Division de l'hydrogéologie (DH); président : Chris Neville (4 membres exécutifs; 49 membres de la SCG ayant retenu cette division comme « premier choix »);
- la Division de la mécanique des roches; président : Jim Hazzard (4 membres exécutifs; 88 membres de la SCG ayant retenu cette division comme « premier choix »);
- la Division de la mécanique des sols et fondations (DMSF); président : Bipul Hawlader (10 membres exécutifs; plus de 700 membres de la SCG ayant retenu cette division comme « premier choix »).

Deux des présidents de divisions sont entrés en fonction en 2012. Par conséquent, leurs mandats prennent fin en 2014. Le mandat de Davide Elmo se termine le 31 décembre 2012 (Géologie de l'ingénieur). Le mandat des autres présidents de division se termine à la fin de 2013.

Ces divisions sont affiliées à un organisme international appartenant à leur domaine de spécialisation, et les membres de la SCG accèdent à ces organismes et à leurs comités techniques, à leurs conférences et à leurs revues grâce à l'affiliation des divisions. Certaines divisions ont reconnu avoir besoin d'améliorer la continuité du leadership et d'augmenter tant le nombre de membres du comité exécutif que le niveau d'activité. Nous remercions les présidents des 7 divisions et les 31 membres des comités pour leurs précieuses contributions.

Comités techniques de la SCG

La Société compte actuellement 7 comités techniques :

Comité permanent de l'informatique; président : Peijun Guo (8 membres dans le comité);
Comité permanent sur l'éducation; président : Greg Siemens (13 membres dans le comité);
Comité permanent sur le patrimoine; président : Mustapha Zergoun (11 membres dans le comité et 9 autres membres « intéressés »);
Comité permanent sur les glissements de terrain; président : Corey Froese (5 membres dans le comité);
Comité permanent sur la géotechnique; président : Michel Aubertin (7 membres dans le comité);
Comité permanent sur les pratiques professionnelles; président : Kent Bannister (7 membres dans le comité);
Comité permanent sur la géotechnique des transports; président : Tom Keegan (24 membres dans le comité).

Les 7 comités ont soumis des rapports annuels écrits dans lesquels ils indiquent leurs activités à l'appui de conférences, de concours, de symposiums, de cours intensifs et de collecte de données historiques. Nous saisissons cette occasion pour exprimer notre reconnaissance aux présidents des sept comités ainsi qu'aux

68 autres membres de comités pour leurs inestimables contributions. Le mandat de trois ans de Peijun Guo (informatique), de Corey Froese (glissements de terrain) et de Tim Keegan (géotechnique des transports) tire à sa fin. Nous les remercions tout particulièrement de leurs bons services.

Conseil canadien de recherche en géotechnique

Le Conseil canadien de recherche en géotechnique compte neuf membres exécutifs et est présidé par James Blatz (doyen associé à la recherche, Université du Manitoba). M. Blatz a démissionné de son poste de président au 1^{er} juillet 2012. Le Comité exécutif est présentement à la recherche d'un candidat.

Le conférencier du Colloque de la 64^e conférence annuelle de Toronto était Craig Lake, professeur agrégé à l'Université de Dalhousie. Le conférencier du Colloque de la 65^e conférence annuelle de Winnipeg sera le professeur Andy Take. Trois candidats de choix ont été proposés pour le Colloque de 2013; le nom du candidat sélectionné sera annoncé durant la présente conférence (Winnipeg).

Institut canadien d'ingénierie (ICI)

Lors de l'événement soulignant son 125^e anniversaire en juin 2012 à Edmonton, l'ICI a honoré plusieurs membres de la SCG. R. Kerry Rowe a reçu la Médaille Sir John Kennedy Medal (le prix le plus prestigieux décerné par l'ICI), M.A.J. (Fred) Matich a reçu la Médaille Julian C. Smith et C. Derek Martin a reçu la Médaille John B. Stirling. Enfin, Hesham El Nagggar et Doug Stead ont été faits *fellows* de l'ICI. (Veuillez noter que, en vertu de la politique de l'ICI, environ 20 *fellows* doivent être décernés chaque année et que les 12 sociétés constitutives comptent plus de 20 000 membres.) Nos félicitations à tous les lauréats et aux nouveaux *fellows* de l'ICI.

Canadian Foundation Engineering Manual/Manuel canadien d'ingénierie des fondations

La traduction en français de la 4^e édition du CFEM a été réalisée en 2011 par Jean Lafleur, Denis Leboeuf, Jean-Marie Konrad, Élie Rahhal et Paul Chiasson. La traduction a été révisée, certains chapitres ont été mis en page. La mise en page des autres chapitres se poursuit. Nous espérons lancer une demande de proposition pour la publication d'ici la fin de 2012.

Bulletin Actualités de la SCG

Le bulletin Actualités de la SCG est publié quatre fois l'an (en mars, en juin, en septembre et en décembre) par Bi-Tech Publishers Ltd. Il est envoyé aux membres de la SCG par la poste et affiché sur le site Web de la SCG.

Phil Bruch entame la dernière année (la 6^e) de son poste de rédacteur du bulletin et est présentement à la recherche d'une personne pour prendre la relève.

Vice-President Finance - Peter Gaffran
Annual Report of Activities - August 2012

General

This update reports on CGS's financial results for 2011; the CGS's current assets and liabilities; year to date financial performance relative to the member ratified 2012 budget; and a proposed budget for 2013.

2011 Financial Results

An independent audit of CGS's 2011 financial results was completed by Johnsen Archer Chartered Accountants LLP of Vancouver. Their report is provided on the CGS website. 2011 revenues and expenses are summarized in the following tables. 2010 results are also included for comparison.

	Revenue (x \$1,000)		
	2010 Actuals	2011	
		Ratified Budget	Year End Totals
Membership Dues	225.1	238.1	254.7
Publications	48.9	35.0	59.1
Conferences	45.8	27.5	18.3
Sponsorships	6.0	9.0	22.0
Miscellaneous	7.4	5.0	6.3
SUBTOTALS	333.2	314.6	360.4

	Expenses (x \$1,000)		
	2010 Actuals	2011	
		Ratified Budget	Year End Totals
Intl. Membership	33.1	37.5	35.3
Conference Expenses	11.6	13.0	3.8
Publication Costs	77.3	120.3	130.1
Staff fees and wages	124.8	117.0	131.4
Society Operations	72.9	54.0	43.7
Miscellaneous	0	9.0	0.4
SUBTOTALS	319.7	350.8	344.7

PROFIT/LOSS	13.5	-36.2	15.7
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The main sources of CGS revenue are membership dues, publication income (mostly from the Canadian Foundation Engineering Manual - CFEM) and profit from conferences. Total income in 2011 was \$360.4 k, up \$27 k from 2010. 2011 results are compared to the previous year in the following.

- Membership dues was up \$29.6 k in spite of the fact that the paid membership in 2011 totaled only 1,168 (down from 1,203 in 2010). However, membership dues increased in 2011 by ~\$23 (the exact amount is dependent on variable provincial taxes). This increase was to cover a \$25 per member fee instituted in 2011 by the publisher (NRC) for continued electronic access to the Canadian Geotechnical Journal.
- In 2010, publication revenues dropped significantly due to a slowdown in CFEM sales. A continued drop in sales was assumed in the 2011 budget. However, sales rebounded in 2011 with a total of

313 manuals sold. This boosted publication revenues to \$59.1 k - \$10.2 k higher than in 2010 and \$24 k higher than budgeted for.

- 2011 conference income was down by \$27.5 k relative to 2010 and \$9.2 k less than budgeted. Two CGS sponsored conferences were held in 2011. Geohazards 2011 in Kelowna contributed \$9.2 k to the CGS. The 2011 annual conference in Toronto was held in conjunction with the ISSMGE resulting in costs much higher than normal. As a result, CGS's share of the Toronto profits only amounted to \$9.1 k.
- The 2011 corporate sponsorship program was very successful netting \$22 k, \$13 k more than projected.

Costs to fund CGS operations in 2011 totaled \$344.7 k, up by \$25 k from 2010 but \$6 k less than was budgeted.

- International memberships costing \$35.3 k, up slightly from 2010.
- CGS expenses associated with conferences totaled \$3.8 k, down almost \$8 k from 2010.
- Publication costs (Geotechnical News, Canadian Geotechnical Journal and the Canadian Foundation Engineering Manual) totaled \$130.1 k in 2011. This is up substantially from 2010 due to the increased costs associated with providing members with access to the CGJ. In addition, \$12 k was spent printing another 1,000 copies of the CFEM (4th edition). The \$130.1 k total also includes \$9 k spent on preparation of a French translation of the CFEM. Production of the French manual was to have been funded as a special project. As the total cost for this work is now expected to be less than originally anticipated, expenses (and ultimately revenue) has and will be booked against the CGS's normal operating budget.
- 2011 costs for CGS staff totaled \$131.4 k, some \$6.6 k higher than in 2010 (and \$14.4 k greater than budgeted).
- Expenses for society operations were \$43.7 k, down \$29 k from 2010. 2010 costs were higher than normal because the CGS website was significantly revamped that year.
- Miscellaneous expenses relate to unreimbursed Cross Canada Lecture Tour costs.

The 2011 budget presented and ratified at the Calgary 2010 annual conference projected a loss of \$36.2 k. In fact, 2011 operations netted a \$15.7 k surplus. Profit in previous years was as follows: \$13.5 k in 2010; \$52.5k in 2009; \$73.4 k in 2008; \$206.6 k in 2007.

Current Assets and Liabilities

2012 financial data will not be audited until the conclusion of the calendar year. However, a balance sheet for society finances as of 31 August 2012 is provided on the CGS website. As of this date, CGS assets total \$850.6 k and are distributed as follows.

- \$353.0 k in cash is available in our chequing and savings accounts.
- The CGS is holding \$39.6 k on behalf of the Cold Regions Division (\$14,276), the Engineering Geology Division (\$8,836) and the Education Committee (\$16,536). These restricted funds are reduced slightly from a year ago due to charitable donations made in 2011 (\$1,250 by the Engineering Geology Division and \$2,000 by the Cold Regions Division).
- \$211.4 k is invested in GIC's and bonds.
- \$225 k is on loan to the Canadian Foundation for Geotechnique.
- \$21 k has been disbursed as seed money to various conference organizing committees.
- Accounts receivable total just under \$0.6 k.

2012 Financial Update

CGS membership as of 31 August 2012 was 1173. This is 34 ahead of the count at the same time last year and five more than the final 2011 member total. For year to year comparison, past membership numbers are as follows: 2011 – 1168; 2010 – 1,203; 2009 – 1,208; 2008 – 1,202.

The 2012 CGS budget ratified by the membership at the 2011 annual conference in Toronto is summarized in the following two tables. Revenue and expense data to 31 August of this year is also shown along with projections to year end. For comparison, 2011 actuals are provided.

	Revenue (x \$1,000)				
	2011 Actuals	Ratified Budget	2012		Projected to year end
			To 31 August		
			\$	% of 2011	
Membership Dues	254.7	250.0	241.1	95	255.0
Publications	59.1	30.0	25.3	43	35.0
Conferences	18.3	22.0	0.0	0	32.0
Sponsorships	22.0	5.0	26.5	120	27.0
Miscellaneous	6.3	3.0	4.8	77	6.0
SUBTOTALS	360.4	310.0	297.7	83	355.0

	Expenses (x \$1,000)				
	2011 Actuals	Ratified Budget	2012		Projected to year end
			To 31 August		
			\$	% of 2011	
Intl. Memberships	35.3	30.0	9.8	28	35.0
Conference Expenses	3.8	13.0	0.0	0	5.0
Publication Costs	130.1	110.0	83.6	64	120.0
Staff fees and wages	131.4	140.0	95.1	72	135.0
Society Operations	43.7	50.0	17.9	41	40.0
Miscellaneous	0.4	2.0	0.0	0	0.0
SUBTOTALS	344.7	345.0	206.4	60	335.0

PROFIT/LOSS	15.7	-35.0	91.3	-	20.0
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Sales of the Canadian Foundation Engineering Manual provide the vast majority of our publication income. The CFEM continues to sell but at a lower rate than the banner results in 2011. 131 manuals have been sold to date this year.

The CGS has/is holding two conferences this year. In addition to the annual CGS conference in Winnipeg, an international landslides symposium was held in Banff in June. This was a successful event attracting over 400 delegates. The profit from this event has not yet been booked, pending audit of the finances, but is anticipated to be about \$20 k. Profit from our annual conference is shared equally between the CGS national body and the host local section. The national share of the Winnipeg conference profit is forecast to be \$12 k.

The following companies have participated in the 2012 CGS corporate sponsorship program. Their support is gratefully acknowledged.

- Geo-Slope
- Golder Associates
- 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

Miscellaneous income derives predominantly from investment dividends. In a continuing climate of low interest rates, income from this source is minimal.

CGS budgets are historically conservative and a loss of \$35 k was ratified for 2012. Member dues, conference and sponsorship income will be better than anticipated while operating costs should be less than budgeted. Thus, projections to year end predict a surplus of \$20 k.

Proposed Budget for 2013

It is proposed that membership dues remain unchanged in 2013. It is assumed that total member numbers will hold steady in 2013 so income from this source will be similar to recent years. Publication income in 2013 is projected to be higher than 2012 as sales of the French version of the CFEM are expected to begin next year. The CGS is underwriting only one conference in 2013, the annual CGS meeting in Montreal. Success is anticipated but profit is unlikely to match years with two events. Typical sponsorship income has been assumed for 2013.

Slightly higher expenses are projected for 2013; primarily related to production of the French CFEM and costs for society operations. The net result is a budget which proposes a small loss of \$11 k. Given the overall healthy financial position of the CGS, this is considered acceptable.

	Revenue (x \$1,000)			
	2011 Actuals	2012		Proposed 2013 Budget
		Ratified Budget	Projected to year end	
Membership Dues	254.7	250.0	255.0	255.0
Publications	59.1	30.0	35.0	45.0
Conferences	18.3	22.0	32.0	25.0
Sponsorships	22.0	5.0	27.0	8.0
Miscellaneous	6.3	3.0	6.0	6.0
SUBTOTALS	360.4	310.0	355.0	339.0

	Expenses (x \$1,000)			
	2011 Actuals	2012		Proposed 2013 Budget
		Ratified Budget	Projected to year end	
Intl. Memberships	35.3	30.0	35.0	35.0
Conference Expenses	3.8	13.0	5.0	5.0
Publication Costs	130.1	110.0	120.0	130.0
Staff fees and wages	131.4	140.0	135.0	135.0
Society Operations	43.7	50.0	40.0	45.0
Miscellaneous	0.4	2.0	0.0	0.0
SUBTOTALS	344.7	345.0	335.0	350.0
PROFIT/LOSS	15.7	-35.0	20.0	-11.0

Rapport d'activités du vice-président des finances - Peter Gaffran
Rapport annuel d'activités - Août 2012

Généralités

Ce rapport présente le bilan financier de la SCG pour l'exercice 2011; l'actif et le passif de la SCG à l'heure actuelle; le rendement financier à ce jour pour le budget ratifié par les membres pour l'exercice 2012; et le budget proposé pour l'exercice 2013.

Bilan financier de 2011

La firme Johnsen Archer Chartered Accountants LLP de Vancouver a effectué la vérification indépendante du bilan financier de l'exercice 2011. Son rapport est affiché sur le site Web de la SCG. Les revenus et dépenses de l'exercice 2011 sont présentés dans les tableaux ci-dessous. Les données de 2010 sont également fournies, à titre comparatif.

	Revenus (en milliers de \$)		
	Réels 2010	2011	
		Budget ratifié	Totaux – Fin de l'exercice
Cotisations des membres	225,1	238,1	254,7
Publications	48,9	35,0	59,1
Conférences	45,8	27,5	18,3
Commandites	6,0	9,0	22,0
Divers	7,4	5,0	6,3
SOUS-TOTAUX	333,2	314,6	360,4

	Dépenses (en milliers de \$)		
	Réelles 2010	2011	
		Budget ratifié	Totaux – Fin de l'exercice
Adhésions internationales	33,1	37,5	35,3
Dépenses associées aux conférences	11,6	13,0	3,8
Coûts de publication	77,3	120,3	130,1
Honoraires et rémunération du personnel	124,8	117,0	131,4
Activités d'exploitation de la Société	72,9	54,0	43,7
Divers	0	9,0	0,4
SOUS-TOTAUX	319,7	350,8	344,7

PROFITS/PERTES	13,5	-36,2	15,7
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Les principales sources de revenus de la SCG sont les cotisations des membres, les revenus de publication (principalement du *Manuel canadien de l'ingénierie des fondations* ou MCIF) et les recettes des conférences. En 2011, le total des revenus s'élevait à 360 400 \$, soit 27 000 \$ de plus qu'en 2010. Les paragraphes suivants comparent les résultats de l'exercice 2011 à celui de 2010.

- Les cotisations des membres ont augmenté de 29 600 \$, malgré le fait que le total des cotisations versées en 2011 n'était que 1 168 (total inférieur à celui de 1 203 en 2010). Toutefois, les cotisations des membres ont augmenté d'environ 23 \$ en 2011 (le montant exact dépend des taxes provinciales variables). Cette augmentation servait à couvrir les frais de 25 \$ par membre institués en 2011 par les Presses scientifiques du CNRC pour offrir l'accès électronique à la *Revue canadienne de géotechnique*.
- En 2010, les revenus de publication ont baissé de façon marquée, à cause d'un ralentissement des ventes du CFEM. Le budget 2011 prévoyait une baisse continue des ventes. Toutefois, les ventes ont remonté en 2011; 313 manuels ont été vendus, au total. Cela a fait grimper les revenus de publication à 59 100 \$, soit 10 200 \$ de plus qu'en 2010 et 24 000 \$ de plus que les prévisions budgétaires.
- En 2011, les recettes des conférences ont baissé de 27 500 \$ par rapport à 2010 et totalisaient 9 200 \$ de moins que les prévisions budgétaires. En 2011, deux conférences commanditées par la SCG ont eu lieu. Géorisques 2011, qui a eu lieu à Kelowna, a produit 9 200 \$ dans les coffres de la SCG. La conférence annuelle de 2011, qui a eu lieu à Toronto, avait été organisée conjointement à celle de la SIMSG, ce qui a entraîné des coûts plus élevés que la normale. La part de recettes de la conférence de Toronto ne s'élevait qu'à 9 100 \$ pour la SCG.
- En 2011, le programme de commandites de société a été très fructueux, avec des revenus nets de 22 000 \$, soit 13 000 \$ de plus que les prévisions.

Les coûts de financement des activités d'exploitation de la SCG en 2011 ont totalisé 344 700 \$, soit 25 000 \$ de plus qu'en 2010 mais 6 000 \$ de moins que les prévisions budgétaires.

- Les adhésions internationales ont coûté 35 300 \$, légèrement plus qu'en 2010.
- Les dépenses de la SCG associées aux conférences ont totalisé 3 800 \$, soit près de 8 000 \$ de moins qu'en 2010.
- Les coûts de publication (la revue *Geotechnical News*, la *Revue canadienne de géotechnique* (RCG) et le *Canadian Foundation Engineering Manual* ou CFEM) se sont élevées à 130 100 \$ en 2011. Cela constitue une hausse marquée par rapport à 2010, attribuable à l'augmentation de frais découlant de l'accès à la RCG pour les membres. De plus, on a dépensé 12 000 \$ pour imprimer 1 000 autres exemplaires du CFEM (4^e édition). Le total de 130 100 \$ comprend aussi 9 000 \$ alloués à la traduction française du CFEM, intitulé *Manuel canadien d'ingénierie des fondations*. La production de la version française du manuel avait dû être financée à titre de projet spécial. Comme on s'attend désormais à ce que les coûts associés à la traduction soient moins élevés que ce qui avait été prévu au départ, les dépenses (et les revenus) ont été et seront comptabilisées dans le budget de fonctionnement normal de la SCG.
- La rémunération du personnel de la SCG a totalisé 131 400 \$ en 2011, soit 6 600 \$ de moins qu'en 2010 (et 14 400 \$ de plus que les prévisions budgétaires).
- Les dépenses d'exploitation de la SCG ont atteint 43 700 \$, une baisse de 29 000 \$ par rapport à 2010. En 2010, les coûts ont été plus élevés que la normale, à cause de la refonte du site Web de la Société.
- Les dépenses diverses sont associées à des coûts non remboursés des Tournées de conférences pancanadiennes.

Le budget 2011 présenté et ratifié à la conférence annuelle de 2010 à Calgary prévoyait une perte de 36 200 \$. En fait, les activités d'exploitation ont généré un excédent net de 15 700 \$. Voici les profits des exercices précédents : 13 500 \$ en 2010; 52 500 \$ en 2009; 73 400 \$ en 2008; 206 600 \$ en 2007.

Actif et passif actuels

Les données financières de 2012 ne seront pas vérifiées avant la fin de l'année civile. Toutefois, le site Web de la SCG affiche un bilan des finances de la Société au 31 août 2012. À cette date, l'actif de la SCG s'élève à 850 600 \$ et se répartit comme suit :

- La somme de 353 000 \$ en liquidités dans nos comptes de chèque et d'épargne.
- La somme de 39 600 \$ en liquidités conservées au nom de la Division de la géotechnique des régions froides (14 276 \$), de la Division de la géologie de l'ingénieur (8 836 \$) et du Comité sur l'éducation de la SCG (16 536 \$); Ces affectations déterminées sont légèrement moins élevées que

l'année dernière, à cause de dons de charité versés en 2011 (1 250 \$ par la Division de la géologie de l'ingénieur et 2 000 \$ par la Division de la géotechnique des régions froides).

- La somme de 211 400 \$ est investie dans des certificats de placement garanti (CPG) et des obligations.
- Un montant de 225 000 \$ est prêté à la Fondation canadienne de géotechnique.
- Nous avons déboursé 21 000 \$ à titre de fonds de démarrage à divers comités organisateurs de conférences.
- Les comptes débiteurs totalisent juste un peu moins de 600 \$.

Mise à jour financière pour 2012

Le budget 2012 de la SCG qui a été ratifié par les membres lors de la conférence annuelle de 2011 à Toronto est résumé dans les deux tableaux ci-dessous. Les revenus et les dépenses au 31 août du présent exercice sont également indiqués, ainsi que les projections pour la fin de l'exercice. Les données réelles de l'exercice 2011 sont fournies à titre comparatif.

	Revenus (en milliers de \$)				
	Réels 2011	2012			
		Budget ratifié	Au 31 août		Projections – Fin de l'exercice
			\$	% de 2011	
Cotisations des membres	254,7	250,0	241,1	95	255,0
Publications	59,1	30,0	25,3	43	35,0
Conférences	18,3	22,0	0,0	0	32,0
Commandites	22,0	5,0	26,5	120	27,0
Divers	6,3	3,0	4,8	77	6,0
SOUS-TOTAUX	360,4	310,0	297,7	83	355,0

	Dépenses (en milliers de \$)				
	Réelles 2011	2012			
		Budget ratifié	Au 31 août		Projections – Fin de l'exercice
			\$	% de 2011	
Adhésions internationales	35,3	30,0	9,8	28	35,0
Dépenses associées aux conférences	3,8	13,0	0,0	0	5,0
Coûts de publication	130,1	110,0	83,6	64	120,0
Honoraires et rémunération du personnel	131,4	140,0	95,1	72	135,0
Activités d'exploitation de la Société	43,7	50,0	17,9	41	40,0
Divers	0,4	2,0	0,0	0	0,0
SOUS-TOTAUX	344,7	345,0	206,4	60	335,0

PROFITS/PERTES	15,7	-35,0	91,3	-	20,0
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Au 31 août 2012, la SCG comptait 1 173 membres, soit 34 de plus que la compilation au même moment l'an dernier et 5 de plus que la compilation définitive de 2011. À titre comparatif d'une année à l'autre, voici le

total des adhésions des années précédentes : 1 168 en 2011; 1 203 en 2010; 1 208 en 2009 et 1 202 en 2008.

Les ventes du *Canadian Foundation Engineering Manual* fournissent la grande majorité de nos revenus de publication. Le CFEM continue de se vendre, mais à un taux plus lent que les résultats record de 2011. Pour la présente année à ce jour, 131 manuels ont été vendus.

Cette année, la SCG organise/a organisé deux conférences en tout. En plus de la conférence annuelle de la SCG qui a lieu à Winnipeg, un symposium international sur les glissements de terrain s'est déroulé à Banff en juin. L'événement a été une réussite et a attiré plus de 400 délégués. Les profits de cet événement n'ont pas encore été comptabilisés, en attente de la vérification des finances, mais on s'attend à ce qu'ils atteignent environ 20 000 \$. Les profits de notre conférence annuelle sont répartis équitablement entre la section locale de la SCG qui est l'hôte de la conférence et la Société nationale. Pour ce qui est des profits de la conférence de Winnipeg, on prévoit que la part de la Société nationale représentera 12 000 \$.

Les entreprises suivantes ont participé au programme de commandites de sociétés 2012 de la SCG. Nous leur sommes très reconnaissants de leur soutien.

- Geo-Slope
- Golder Associates
- 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 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 budgets de la SCG sont traditionnellement prudents et une perte de 35 000 \$ avait été ratifiée pour l'exercice 2012. Les cotisations des membres, les revenus des conférences et des commandites seront plus élevés que les prévisions, alors que les coûts d'exploitation devraient être inférieurs aux prévisions. Par conséquent, les projections de fin d'exercice anticipent un excédent de 20 000 \$.

Budget proposé pour 2013

Il est proposé que les cotisations des membres ne changent pas en 2013. On présume que le nombre total de membres se maintiendra en 2013 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 de 2013 seront plus élevés que ceux de 2012, car on s'attend à ce que la vente de la version française du CFEM (*Manuel canadien de l'ingénierie des fondations* ou MCIF) commence l'année prochaine. La SCG ne soutient qu'une seule conférence en 2013. Il s'agit de la conférence annuelle qui aura lieu à Montréal. On s'attend à ce qu'elle soit une réussite, mais il est peu probable que les profits correspondent à ceux des années où nous organisons deux événements. On s'attend à des revenus de commandites typiques pour l'exercice 2013.

Il est prévu que les dépenses augmenteront légèrement en 2013; principalement à cause de la production de la version française du CFEM et des coûts des activités d'exploitation de la Société. Le résultat net est un budget qui propose une petite perte de 11 000 \$. Étant donné la bonne situation financière générale de la SCG, cette perte est considérée comme étant acceptable.

	Revenus (en milliers de \$)			
	Réels 2011	2012		Budget proposé 2013
		Budget ratifié	Projections – Fin de l'exercice	
Cotisations des membres	254,7	250,0	255,0	255,0
Publications	59,1	30,0	35,0	45,0
Conférences	18,3	22,0	32,0	25,0
Commandites	22,0	5,0	27,0	8,0
Divers	6,3	3,0	6,0	6,0
SOUS-TOTAUX	360,4	310,0	355,0	339,0

	Dépenses (en milliers de \$)			
	Réelles 2011	2012		Budget proposé 2013
		Budget ratifié	Projections – Fin de l'exercice	
Adhésions internationales	35,3	30,0	35,0	35,0
Dépenses associées aux conférences	3,8	13,0	5,0	5,0
Coûts de publication	130,1	110,0	120,0	130,0
Honoraires et rémunération du personnel	131,4	140,0	135,0	135,0
Activités d'exploitation de la Société	43,7	50,0	40,0	45,0
Divers	0,4	2,0	0,0	0,0
SOUS-TOTAUX	344,7	345,0	335,0	350,0

PROFITS/PERTES	15,7	-35,0	20,0	-11,0
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Vice President Communications - Jean-Marie Konrad
Report of Activities - July 1, 2011 to June 30, 2012

Introduction

This report is a summary of the activities related to communication with CGS members. It covers the CGS website, the electronic bulletin *e-News* and the promotional material.

CGS e-News

November 2011, February and June 2012 e-News issues have been published. A third 2012 full CGS e-News is planned for November and an "Express" version will be prepared in early September to keep members informed of fall events. Thanks to the Administrator Wayne Gibson for adapting the contents to the new e-News format. This new format facilitates the preparation of both the e-mailed and website bulletins.

CGS Website

1. Calendar of Events

The CGS Calendar of Events has become a very popular informational tool with 42 events posted for the period July 2011 to June 2012. At the time of writing this report, 22 events were posted for the period July to December 2012, and 13 events 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.

2. Member Resource Section and CGS Heritage Archives

CGS website modifications in the last half of 2011 included the posting of all Canadian Geotechnical Conference proceedings from 1947 to 2010 in the member resource section, and significant additions to the CGS Heritage Archives pages due to the efforts of outgoing chair Jim Graham. We have a number of CCLT and Hardy lectures to post and are just finalizing approvals from the speakers. This work should be completed for launch in the 3rd quarter of 2012 in time for the 2012 Annual Conference.

3. French Translation of the CGS website

The launch of the new look CGS website in December 2010 improved the delivery of information both official languages by offering all primary and secondary navigation pages in English and French. Prior to this, the previous site had only a few pages translated into French. The launch timetable didn't permit completion of the translation of the member section at that time. This project became a priority in the first half of 2012 – most of the French translation for the online member section has been done with missing pieces now at the translator. A final review will be done by the VP Communications in the coming months so this can also be launched in time for the 2012 AGM.

4. Member Registration/Payment Procedures

Online member registration/payment was modified in November 2011 to improve the payment process and to reduce the number of individuals who were not able to access the credit card payment screen. While it's difficult to quantitatively assess the impact of this, we now do not get any e-mails or calls from members about payment screen access issues.

5. Updated Information for Sections, Divisions and Committee

All section, division and committee chairs have been contacted to provide CGS with regular updates for their pages on the website, and will be contacted regularly for new information.

Social media – Facebook pilot project

In order to increase the visibility of the Society among various audiences, in particular young geotechnical engineers, and to add a communication channel with the Society's members, discussions at the spring executive meeting in May led to the decision to run a Facebook pilot project during the second half of the 2012. Look for more information on the website and in CGS News this fall.

CGS brochures

The CGS informational brochures, created by former VP Communications Stéphanie Perret, were distributed at the October 2011 PanAm CGS conference in Toronto and the June 2012 ISL/NASL conference in Banff. These brochures are available in both English and French – sections are encouraged to request copies for distribution to prospective members at section events.

Vice-président aux communications - Jean-Marie Konrad ***Rapport d'activités - 1^{er} juillet 2011 au 30 juin 2012***

Introduction

Le présent rapport est un résumé des activités liées aux communications avec les membres de la SCG. Il traite du site Web de la Société, du bulletin électronique *Cyberbulletin* et du matériel promotionnel.

Cyberbulletin SCG

Le cyberbulletin de novembre 2011 et ceux de février et juin 2012 ont été publiés au cours de la période couverte par le présent rapport. Le troisième cyberbulletin de l'année est prévu pour le mois de novembre et une version «express» sera produite au début septembre afin d'informer les membres des activités de la rentrée automnale. Merci à Wayne Gibson et à l'équipe *Gibson Group Association Management (GGAM)* pour l'intégration du contenu au nouveau format du bulletin d'information. Les nouveaux outils mis en place facilitent énormément la réalisation du bulletin, tant dans le format «courriel aux membres» que dans le format «Web».

Site Web de la SCG

1. Calendrier des événements

Le calendrier des événements du site Web de la Société est devenu un outil d'information important avec 42 événements affichés au cours de la période de juillet 2011 à juin 2012. Au moment de rédiger ce rapport, 22 événements étaient affichés pour la période de juillet à décembre 2012 et 13 pour l'année 2013.

Les demandes d'affichage sur le calendrier des événements sont acheminées au VP aux communications par courriels ou sont soumises directement par les organisations, en utilisant l'application en ligne sur le site Web de la SCG. Comme les événements affichés sur le calendrier sont liés au lieu de l'activité, les sections locales sont encouragées à y inscrire leurs activités afin que les membres puissent être informés des activités se déroulant dans leur région.

2. Section de documentation et archives de la SCG

Les modifications apportées au site Web de la Société durant la seconde moitié de 2011, incluent l'accès aux comptes rendus des conférences annuelles de la SCG de 1947 à 2010. Ces documents ainsi que de nombreux documents d'archives de la Société, regroupés grâce aux efforts de Jim Graham, ancien Président, sont disponibles dans le dossier *Online Member Resources* de la section réservée aux membres. Plusieurs conférences prononcées dans le cadre des Conférences pan canadiennes et des Conférences Hardy pourront également être placées dans cette section suite à l'approbation par les auteurs qui est en cours.

3. Traduction en français de la section réservée aux membres

La version rafraîchie du site de la SCG, dont lancement a eu lieu en décembre 2010, a permis d'améliorer le transfert de l'information dans les deux langues officielles, en offrant une navigation des pages primaires et secondaires en anglais et en français. Avant cette refonte du site, seulement quelques pages avaient été traduites en français. Des contraintes des temps, associées au lancement du site, avaient fait en sorte que la traduction de la section réservée aux membres n'avait pas été complétée. Dans la première moitié de l'année 2012, la finalisation de la traduction du site Web de la Société est devenue un projet prioritaire. La quasi-totalité de la traduction de la section sécurisée réservée aux membres est complétée, avec quelques éléments encore en cours de traduction. Une dernière révision reste à être faite par le VP aux communications dans les mois qui viennent de façon à ce que cette section puisse être lancée pour la réunion annuelle des membres de 2012.

4. Inscription en ligne des membres/ procédures de paiement

Des modifications à l'inscription en ligne des membres ont été apportées en novembre 2011 afin d'améliorer les procédures de paiement et réduire le nombre des personnes qui n'avaient pas accès à l'écran permettant le paiement par carte de crédit. Bien qu'il soit difficile de mesurer l'impact de cette amélioration, aucun courriel ou téléphone n'a été reçu pour signifier des difficultés à accéder à l'écran de paiement par carte de crédit.

5. Mise à jour des informations relatives aux sections, divisions et comités

Tous les présidents des sections locales, des divisions et des différents comités ont été contactés pour les inviter à fournir à la SCG les mises à jour concernant les informations apparaissant sur le site Web. Le personnel de GGAM accroîtra ses efforts pour contacter les présidents afin d'obtenir des informations à jour.

Médias sociaux – projet pilote de page Facebook

Afin d'augmenter la visibilité de la Société auprès d'une plus grande audience, en particulier les jeunes ingénieurs en géotechnique, mais aussi afin d'ajouter un canal de communication avec les membres de la Société, des discussions lors de la réunion de ce printemps à Montréal ont menées à la décision de mettre en place un projet pilote de Page Facebook. Ce projet pilote devrait prendre forme dans la seconde partie de l'année 2012. Surveillez les informations à ce sujet sur le site Web et dans la section Actualités à la SCG cet automne.

Dépliants de la SCG

Des copies du dépliant promotionnel de la SCG, mis à jour par Stéphanie Perret, ancienne Vice-présidente aux communications, ont été distribuées dans cadre de la conférence PanAm 2011 de Toronto en octobre ainsi que lors de la conférence sur les glissements de terrain ISL/NASL 2012 de Banff au mois de juin dernier. Ce dépliant est disponible en version anglaise et en version française et les sections locales sont encouragées à se le procurer pour en distribuer des copies lors de la tenue d'événements.

**Section Summary Report - Baolin Wang, Sections Representative
Report of Activities - July 1, 2011 to June 30, 2012**

Section final reports for July 1, 2011 – June 30, 2012 have been submitted by the Local Sections of the CGS. Most local sections have reported being active during the year. Local sections have provided their members access to technical presentations, and special events such as the Cross-Canada Lecture Tours, Student Forums and social activities. The total numbers of events are summarized in the table below.

The financial status of larger sections remains in excellent condition. Many of these 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 ⁽¹⁾							
	Halifax	6	2	3				5
	St. John's	4		7				7
Eastern Quebec	Quebec City	8	2	5				7
Western Quebec	Montreal ⁽²⁾	7	2	4		1		7
Northern and Eastern Ontario	Kingston	8	1	1		1		3
	Ottawa	13	2	4		1		7
	Thunder Bay	5						0
Southern Ontario	London	14		6		1		7
	Sudbury	3	1					1
	Toronto ⁽³⁾	11	2	3	1	1	2	9
Manitoba	Winnipeg	8	2	4			1	7
Saskatchewan	Regina	4	1	2				3
	Saskatoon	8	1	4				5
Southern Alberta	Calgary	11	2	7	1			10
Northern Alberta	Edmonton	14	2	7	1			10
British Columbia	Kelowna	3		1				1
	Prince George	4	1					1
	Vancouver	8	2	6	2			10
	Victoria	5	1	7				8
Total	20	144	24	71	5	5	3	108

Notes:

(1) Currently inactive;

(2) Preparing to host CGS 2013 Conference;

(3) Hosted 64th Canadian Geotechnical Conference and 14th Pan-American Conference on Soil Mechanics and Geotechnical Engineering

Vancouver Island Section - Deyab Gamal El-Dean, Section Director
Report of Activities - July 1, 2011 to June 30, 2012

Introduction

This report summarizes the activities of the Vancouver Island Geotechnical Group (VIGG) of the Canadian Geotechnical Society for the period from July 1, 2011 to June 30, 2012. The group has active members across southern and central Vancouver Island, BC.

Executive Committee

The 2011-2012 executive committee of the Vancouver Island Geotechnical Group consists of the following members:

Section Director/Chair: Deyab Gamal El-Dean, P.Eng., SNC LAVALIN
Program Director/Past Chair: Jay McIntyre, P.Eng., Thurber Engineering Ltd.
Secretary / Treasurer: Sarah Morse, P.Eng., Golder Associates Ltd.
Registrar: Isabelle Maltais, EIT (till Feb 2012)
Registrar: Andrew Jackson, GIT, Ryzuk Geotechnical (starting March 2012)

Membership

According to CGS records, there are 35 CGS members within our region. We think that 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. One presentation was sponsored by a local supplier during this period.

Meetings

The Vancouver Island Geotechnical Group conducts its meetings in a luncheon format in Victoria, BC. We have continued to try to provide attendees with a wide variety of topics. A total of eight luncheons have been held during the subject period, with guest speakers and topics as indicated in Table 1 below. The Executive Committee is trying his best to invite potential speakers to present at our monthly meeting. However, due to the small geotechnical community on the island and consequently the limited availability of speakers, we had no luncheons in December and February. The last talk for this year is scheduled on June 5th, 2012. Attendance varied between 20 and 33.

TABLE 1 – VIGG Talks from Sept 2011 to June 2012

Date	Speaker	Attendance	Topic
September 20, 2011	D.F. VanDine, VanDine Geological Engineering Limited, and D.R. Lister, Golder Associates.	28	The Much Misunderstood '1:475 Landslide'
October 18, 2011	D.R. Lister, M.Sc., P.Eng., Golder Associates	26	Highway Embankment Stabilization Using Deep Soil Mixing Methodology Along the Alaska Highway in Northern British Columbia
November 3, 2011	Steven G. Vick, P.E. – CGS Cross Canada Lecturer	33	Geotechnical Risk and Public Policy - The Other Side of the Wall
January 17, 2012	Pete Quinn, Ph.D., P.Eng., BGC Engineering Inc.	29	Large Landslides – How Much do we ever Really Know?

March 20, 2012	Gary McCartie, Dick Taylor, Ed Astell, Steels Industrial products Ltd.	20	Deltalok Patented Ecological Engineering System, Large-scale application at Westhills in Langford, BC
April 17, 2012	Allan Dakin, FEC, P.Eng. - Elanco Enterprises Ltd..	26	Hydrogeology of Cordova Bay Area and the Importance of the Groundwater Resource
May 15, 2012	David J. Tara, P.Eng., M.Sc.A, Principal, Thurber Engineering Ltd.	22	Some Geotechnical Aspects of the Pitt River Bridge 2007 Static Pile Loading Test
June 5, 2012	David Kettlewell, M.Sc., P.Geo. (SNC-Lavalin Inc., Environment Division)		Natural Recovery Studies, Victoria Harbour, Victoria, BC

Financial Status

The 2010-2011 yearend financial balance of the VIGG was \$2,448.05. Generally little profit is made on the luncheons for our section. We have attempted to raise additional funds through acquiring sponsors. A support of \$300 was paid by a sponsor for the March 2012 luncheon. We also recently instituted a voluntary annual membership fee, whereby members receive a nominal discount for the luncheon costs. This initiative has resulted in a modest increase in yearly revenue. The current balance on May 31st, 2012 is \$2,885.54 compared to \$2,589.64 for this time last year. The current balance is less than last reported balance (\$2,984.64) because we paid the airfare for one of the speakers as acknowledgment for him for coming to the island.

Vancouver Geotechnical Society - (Uthaya) M. Uthayakumar, Section Director
Report of Activities - July 1, 2011 to June 30, 2012

Introduction

This report is a summary of the activities of the Vancouver Geotechnical Society of the Canadian Geotechnical Society, for the period from July 1, 2011 – June 30, 2012. 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 2011-2012 Executive Committee of the Vancouver Geotechnical Society consists of the following members:

<i>Chair:</i>	Jason Pellett, EBA Engineering Consultants Ltd., Vancouver, BC
<i>Past-Chair:</i>	Marc Bossé, exp Services Inc., Burnaby, BC
<i>Secretary:</i>	Andrea Lougheed, Thurber Engineering Ltd, Vancouver, BC
<i>Treasurer:</i>	S. Sriskandakumar, BGC Engineering, Vancouver, BC
<i>Program Director:</i>	Ali Amini, Naesgaard-Amini Geotechnical Ltd, Vancouver, BC
<i>Registrar:</i>	Julia Steele, Golder Associates, Burnaby, BC
<i>Web Manager:</i>	Carl Kelman, Levelton Consultants Ltd., Richmond, BC
<i>CGS Director:</i>	(Uthaya) M. Uthayakumar, exp Services Inc., Burnaby, BC

Activities

The VGS executive committee 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 Vancouver Geotechnical Society currently has 197 members, which includes 178 regular members, 4 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 2011-2012 meetings held to date were as follows:

1. September 15, 2011 – VGS Annual General Meeting
“Investigation and Retrofit of the Roger Pierlet Bridge”
Dr. Alex Sy, P.Eng., Vice President (Technical), Klohn Crippen Berger Ltd., Vancouver, BC.
2. November 3, 2011
Cross Canada Lecture Tour – Fall 2011 “The Science of Judgment”
Steven Vick, P.E., Author and Independent Consultant.
3. November 29, 2011.
“Geotechnical Design and Construction of W.R. Bennett Bridge, Kelowna”
Dr. (Uthaya) M. Uthayakumar, P.Eng., Senior Engineer, **exp** Services Inc., Burnaby, BC.
4. January 17, 2012
“Wick Drains and Piling for Cai Mep Container Port, Vietnam”
Dr. Bengt Fellenius, P.Eng., President, Bengt Fellenius Consultants Inc., Sidney, BC
5. February 2, 2012
“The Increasing Role of Seismic Measurements in Geotechnical Engineering”
Dr. Kenneth H. Stokoe, Professor, Department of Civil, Architectural and Environmental Engineering
University of Texas in Austin.
6. March 6, 2012
“Some Geotechnical Aspects of the Pitt River Bridge 2007 Static Pile Loading Test”
David Tara, P.Eng., Principal, Thurber Engineering Ltd., Vancouver, BC
7. April 26, 2012. Cross Canada Lecture Tour – Spring 2012
“Can we successfully reclaim Oil Sands Mine Closure Landforms?”
Dr. Lee Barbour, Professor of Civil and Geological Engineering, University of Saskatchewan.

A Short Course on Pile Foundations was organized by VGS and completed on May 4, 2012.

Instructor: Dr. Bengt Fellenius. 51 members, 5 student members and 32 non-members of VGS attended the Short Course.

Financial status

The VGS's operating budget is primarily funded by profits from past symposia, technical short courses and conferences. As of May 2012 the VGS's bank balance is \$56,743 of which \$21,062 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 2011-2012 season include the following technical presentation:

June 8, 2012. 20th Symposium of the Vancouver Geotechnical Society on Soft Ground Engineering, to be held at the Hyatt Regency Hotel, Vancouver, B.C.

June 28, 2012. UBC-VGS Joint Seminar on Site characterization for cohesive soil deposits using combined in situ and laboratory testing.

Don J. DeGroot, Sc.D., P.E., Professor, Department of Civil and Environmental Engineering, University of Massachusetts Amherst

***Prince George Geotechnical Group (PGGG) - Doug Dewar, Section Chair
Report of Activities – July 1, 2011 to June 30, 2012***

Introduction

This report is a summary of the activities of the Prince George Geotechnical Group of the Canadian Geotechnical Society, for the period from July 1, 2011 to June 30, 2012.

Executive Committee

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

Chair: Doug Dewar (to be replaced soon as his 3 year term has expired)

Vice-Chair: Dave McDougall

Secretary/Treasurer: Eric Mohlmann

Past-Chair: Nick Polysou

Activities

Membership/Sponsorship

The PGGG would like to thank Dr. Lee Barbour for giving us a presentation of Oil Sands Closure on April 27, 2012. Planned future activities include a November training course to be given by ConeTec.

Financial status

The PGGG has 200 dollars in our bank account.

***BC Interior Geotechnical Group (IGG) - Sumi Siddiqua, Section Director
Report of Activities – July 1, 2011 to June 30, 2012***

Introduction

This report summarizes the activities of BC's Interior Geotechnical Group (IGG) of the Canadian Geotechnical Society for the period from 01 July, 2011 to 30 June, 2012. 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

Program Director: Norm Williams, Interior Testing Services

Treasurer: Glen Rutherford, Golder Associates

Past Chair: Dwayne Tannant, University of British Columbia Okanagan

Activities

The most recent IGG technical meeting was held on April 12, 2012. Also, the IGG purchased materials and constructed 'sand boxes' needed to host a 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. The intent is to hold a student competition in the fall of 2012 in conjunction with a 4th year course in foundation engineering at the University of British Columbia Okanagan campus.

Membership (and Corporate Sponsorship)

The Interior Geotechnical Group has approximately 10+ 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 72 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 12, 2012 had a presentation by Michael J. Laws, from EBA, A Tetra Tech Company. It encompassed the Geotechnical Design of the Calgary West LRT project.

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 - Paul R. Lach, Section Director ***Report of Activities - July 1, 2011 to June 30, 2012***

Introduction

This report provides a summary of the activities of the Geotechnical Society of Edmonton (GSE) for the period from 01 July 2011 through 30 June 2012. The GSE remains an active local group and attendance of the 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 2011 / 2012 executive committee of the Geotechnical Society of Edmonton consists of the following members:

<i>President:</i>	Soe Moe Kyaw Win, BGC Engineering
<i>Vice-President:</i>	Kristen Tappenden, City of Edmonton
<i>Treasurer:</i>	Fred Cheng, Government of Alberta
<i>Program Chair:</i>	Baocheng Li, Almita Piling Inc.
<i>Secretary:</i>	Adam Gmeinwaser, EBA Engineering Consultants Ltd.
<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
<i>CGS Section Director:</i>	Paul R. Lach, City of Edmonton

In 2011 / 2012, 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 2011. A one-day technical short course on Geosynthetics for Use in Landfill, Lagoons, Secondary Containment and Mining Applications was held in February of 2012.

Other special activities included a field tour to observe the City of Edmonton Infrastructure Services Department's newest tunnel boring machine (TBM) cutting a 4m diameter tunnel for a local Storm Separation Project. In addition, a model Retaining Wall Construction Competition was held in April 2012, with corporate sponsorship and student teams participating from the University of Alberta and the Northern Alberta Institute of Technology.

Membership

As of June 2012, the membership of the GSE comprised 184 regular members, 22 student members, 6 retired or unemployed members, and 23 GSE Stan Thomson Award Winners (with lifetime membership), for a total of 235 members. Of these GSE members, a total of 82 persons were recorded as members of the Canadian Geotechnical Society in 2011 / 2012.

Meetings

The GSE executive held regular monthly meetings throughout the year in order to review the financial status of the society, and the progress of the technical program, as well to exchange information and plan events.

A detailed report of the current activities of the Geotechnical Society of Edmonton is provided:

Date	Activity	Presenter
29 Sept 2011	Annual Wine & Cheese Reception, University of Alberta <i>Ground Characteristics for the Design of the Edmonton North LRT Twin Tunnels</i> <i>Quantitative Risk Assessment of Natural and Cut Slopes</i>	David Elwood, Ph.D. Candidate Renato Macciotta, Ph.D. Candidate
06 Oct 2011	Lunch Meeting, <i>Geotechnical and Construction Considerations of Pile Foundations in Problematic Soils</i>	Professor Askar Zhussupbekov, Gumilyov Eurasian National University, Kazakhstan
02 Nov 2011	Dinner Meeting, Fall CGS Cross Canada Lecture Tour: <i>Geotechnical Risk and Public Policy - The Other Side of the Wall</i>	Steven Vick, Author and Independent Consultant, Colorado, U.S.A.
24 Nov 2011	Lunch Meeting, <i>Lessons Learned from Two Landslides</i>	Bryan Watts, President, Klohn Crippen Berger Ltd.
26 Jan 2012	Lunch Meeting, <i>Recent Advancements in Geotechnical Characterization of Oil Sand Tailings</i>	James Sharp, Conetec Investigations Ltd.
10 Feb 2012	Local Field Trip, <i>Millwoods TBM and Tunnel Tour</i>	City of Edmonton, Infrastructure Services Department
23 Feb 2012	2012 Annual Symposium: <i>Geosynthetics for Use in Landfill, Lagoons, Secondary Containment and Mining Applications</i>	Professor Kerry Rowe, Queen's University
23 March 2012	Lunch Meeting: <i>Application of New Trenchless Technology for Pipeline Installations</i>	Peter Barlow, AMEC Environmental & Infrastructure
24 April 2012	Lunch Meeting, Spring CGS Cross Canada Lecture Tour: <i>Can We Successfully Reclaim Oil Sands Mine Closure Landforms?</i>	Professor Lee Barbour, University of Saskatchewan
24 May 2012	Dinner Meeting, Annual General Meeting: <i>The Bow EnCana Project, Observational Method in Design and Post-Construction Analysis</i>	Matthew Janes, Isherwood Associates

Financial Status

The GSE remains in a financially sustainable position, with assets deemed sufficient to support the organization through to the next annual conference. A portion of the proceeds of the 2008 CGS Conference held in Edmonton were used to provide a funding augment to the University of Alberta N.R. Morgenstern Graduate Student Scholarship and also to provide an interest-free loan to the Canadian Foundation for Geotechnique. In addition to event fees, the remaining funds assist with defraying the cost of our annual program of technical activities.

Calgary Geotechnical Group CGG - Frank Magdich, Section Director
Report of Activities - July 1, 2011 to June 30, 2012

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 2011 – 30 June 2012. 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 2011-2012 Executive Committee of the Calgary Geotechnical Group consists of the following members:

Chair: Bhamisha Ramdharry
Vice-Chair: Juan Lopez
Venue Coord: Angela Beattie
Treasurer: Rob Armstrong
Past-Chair: Frank Magdich
Announcements: Daniel Bertrand
Website: Mauricio Pinheiro
Student Rep. Sarah Khosravani
Members: Justyna Kos
Ardeshir Sharif-Abadi
Marcia MacLellan

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 2011-2012 meetings held to date were as follows:

Date	Speaker	Affiliation	Title	Attendance
Sept. 22, 2011	Sidantha Weerakone, Ph.D.	Golder Associates Ltd.	Effect of Fracture Characteristics on Dense Non-Aqueous Phase Liquids (DNAPL)-Water Flow in Rock Fractures	40
Nov. 4, 2011	Steven G. Vick, P.E.	Fall Cross-Canada Lecture Tour	The Science of Judgment	100
Dec. 15, 2011	Martin Halliwell, P.Eng. Matthew Janes, P.Eng.	HCM Contractors Isherwood Assoc.	Bow Tower Project	60
Jan. 26, 2012	Rodolfo Sancio , Ph.D., P.E.	Geosyntec	Assessment of Seismically and Statically Induced Liquefaction of Fine-Grained Soils	45
Feb. 23, 2012	Andy Take, Ph.D.	Queens Univ.	Physical Modeling of Slope Instability Processes	45
March 23, 2012	David Field, P.Eng.	EBA Engineering	West LRT Project	80
Apr. 19, 2012	Robin Tweedie, P.Eng CSCE Joint Talk	Thurber Eng.	Heavy Foundation Design for Industry	70

Apr. 24, 2012	Prof. Lee Barbour	Spring Cross-Canada Lecture Tour	Oil Sands Mine Closure Landforms	72
May 31, 2012	Chuck Brawner Calgary Group AGM	C.O. Brawner Engineering Ltd.	International Examples of Open Pit Mine Instability	55
June 28, 2012	One Day Seminar	CGG/DFI/PDCA	Driven Pile Seminar	Est. 80

Financial status

The CGG is in a solid financial situation. On 01 July, 2011 the group had \$35,427.66 in the bank and the group currently has \$22,372.36 in the bank. The most significant payment out during this period was a \$5000.00 donation to the Canadian Foundation for Geotechnique. The remaining payments were related to normal costs related to organization of the presentations.

Saskatoon Geotechnical Group - Kelly Pardoski, Section Director

Report of Activities - July 1, 2011 to June 30, 2012

2011 – 2012 Executive

<i>President</i>	Randal Osicki, MDH Engineered Solutions Corp.
<i>Past President</i>	David Christensen, O'Kane Consultants Inc.
<i>Vice President</i>	Tyrel Lloyd, McElhanney Consulting Services Ltd.
<i>CGS Section Director</i>	Kelly Pardoski, P. Machibroda Engineering Ltd.
<i>Member at Large</i>	Erik Ketilson, AMEC Environment and Infrastructure
<i>Member at Large</i>	Rashid Bashir, Golder Associates Ltd.
<i>Member at Large</i>	Craig Rudulier, MDH Engineered Solutions Corp.
<i>U of S Liaison</i>	Jitendra Sharma, University of Saskatchewan

The SGG Executive met once in 2011. In December 2011, Mr. Osicki relocated out of province, leaving the duties of President to Vice President, Mr. Lloyd.

Membership

The SGG has averaged 50 paid members annually. To date in the 2011-12 year we have 40 paid members but expect to increase the number to the average level or greater with the spring presentation program. Annual membership dues are \$30.00.

Presentations

Nov. 1, 2011	Steven Vick	CCLT – The Consequences of Tailings Dam Failures
Nov. 23, 2011	Ian Fleming	Mechanics of Waste – Response of landfilled municipal waste to cyclic loading: lab and field testing for a proposed wind turbine foundation
Feb. 15, 2012	Mike O'Kane	An Overview of Advancements in Mine Waste Cover Systems in the Past 20 Years – a Global Perspective
Mar. 28, 2012	Garth Van der Kamp	Prairie Groundwater and Prairie Wetlands – 50 Years of Observations and Changing Concepts
May 14, 2012	Murray Fredlund	2D/3D Slope Stability Analysis

Awards, Donations and Events

- SGG Annual Scholarship – University of Saskatchewan: \$500.00
- 4th Year Student Design Awards and Presentations: \$200.00

Financial

- Account Balance as of February 29, 2012: \$20,541.81

Regina Geotechnical Group - Shahid Azam, Section Director
Report of Activities - July 1, 2011 to June 30, 2012

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, 2011 to June 30, 2012.

Executive Committee

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

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

Activities

The following technical presentations were hosted during this period:

September 14, 2011	Dr. Maria Velez	Site investigation of Quaternary fluvial deposits at the Cauca River, Colombia
November 10, 2011	Dr. Dave Sauchyn	The records and projection of regional climate change
April 23, 2012	Dr. Lee Barbour	Cross-Canada Lecture - Can we successfully reclaim oil sands mine closure landforms?

Membership

The Regina Geotechnical Group currently has 25+ members.

Meetings

With the exception of the activities outlined above, the Regina Geotechnical Group did not hold any meetings 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 and the SIAST Palliser Institute in Moose Jaw with a \$100.00 book award. The Regina Geotechnical Group also provides sponsorship donations to various local academic functions.

Manitoba Section - Nelson John Ferreira, Section Director
Report of Activities - July 1, 2011 to June 30, 2012

Introduction

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

Executive Committee

The 2011-2012 Executive Committee consists of the following members:

<i>Chair:</i>	Kendall Thiessen, Ph.D., P.Eng.	City of Winnipeg
<i>Treasurer:</i>	Neil Privat, M.Sc., P.Eng	KGS Group
<i>Secretary:</i>	Kristopher Matusiewicz, P.Eng	Manitoba Hydro
<i>Program Director:</i>	Wing Keat Wong, P.Eng	AMEC
<i>Assistant Program Director:</i>	Lena Anderson, B.Sc. C.E.T	Tetra Tech
<i>Membership Chair:</i>	Alexandria Beveridge, P.Eng	Golder Associates
<i>Student Liaison:</i>	David Kurz, Ph.D. Student	University of Manitoba
<i>Section Director:</i>	Nelson J. Ferreira, M.Sc., P.Eng.	TREK Geotechnical

Membership and Corporate Sponsorship

As June 13, 2012, the Manitoba Section has 52 members. The local Executive Committee will be contacting and reminding registered members from last year to renew their membership as part of the annual Membership drive. In addition, new membership registration drive is well underway.

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 now.

List of Activities

The Manitoba Section held four technical presentations throughout this reporting period. In addition, it hosted the Fall 2011 and will host the Spring 2012 Cross-Canada Lecture Tour.

- September 20, 2011 - Erosion characteristics of river sediments
Presented by: Arjan Jianfar, University of Manitoba
- Test embankment on peat foundation
Presented by: Cory-Jay Pyziak, University of Manitoba

- October 31, 2011 - Fall CCLT
Geotechnical Risk and Public Policy - The Other Side of the Wall
Presented by: Mr. Steven G. Vick

- December 6, 2011 - Pinawa Diversion Dam - Rehabilitation Design, Evaluation and Construction
Presented by: Mr. Kris Matusiewicz, Manitoba Hydro

- February 23, 2012 - Hydrogeology of the Brandon Channel Aquifer as related to Water Supply - Brandon, Manitoba
Presented by: Mr. Jeff Bell, Friesen Drillers

- March 27, 2012 - Innovation in 2-D and 3-D Data Processing and Visualization
Presented by: Mr. Sherko Sharif, KGS Group

- April 20, 2011 - Spring CCLT
Can we successfully reclaim Oil Sands Mine Closure Landforms
Presented by: Dr. Lee Barbour

Other Activities:

- June 7, 2012 12th Annual CGS Golf Tournament – Fundraising event for the Neil Burgess Scholarship attended by 40 golfers

Financial Status

The operating surplus is about \$20,000. 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 was able to make a donation of \$3,000 to the Neil Burgess Memorial Scholarship Fund in 2011 and it is anticipated a similar amount will be donated this year. This scholarship is awarded annually to a geotechnical graduate student at the University of Manitoba. This donation will be from the proceeds of the 12th Annual CGS Golf Tournament.

The Manitoba Section will again sponsor a graduate student or an engineer-in-training to attend the 2012 Annual CGS conference.

Thunder Bay Section - Dr. Myint Win Bo, Section Director
Report of Activities - July 1, 2011 to June 30, 2012

Introduction

This report is a summary of the activities of the Thunder Bay section, Geotechnical Group of the Canadian Geotechnical Society, for the period from 01 July 2011 – 30 June 2012. The group has active members from across Thunder Bay Region, particularly from the Thunder Bay. A report from the Thunder Bay Geotechnical Group is provided below.

Executive Committee

The 2011-2012 Executive Committee of the Thunder Bay Geotechnical Group consists of the following members:

Director: Dr Myint Win Bo
Vice-Director: Dr Eltayeb Mohamedelhassen
Secretary: Vacant
Past-Chair: Dr Bruce Kjartanson
Members: Wesley Saunders
Advisor: Mr Mike Fabius

Membership

The Thunder Bay Geotechnical Group currently has 10+ paid members.

Meetings

The 2011-2012 meetings held to date were as follows:

Participated in Engineering Days in Thunder Bay. (November 11, 2012)

Meeting to search for successor for Director position.
(Current Vice-Director Dr Eltayeb Mohamedelhassen will become Director in July, 2012)

Student papers presentation in Lakehead University

Participated in PEO Annual meeting for Lakehead Chapter (2012)

Sudbury Chapter - Tommi Leinala, Section Director
Report of Activities - July 1, 2011 to June 30, 2012

Introduction

The group is in the process of re-establishing contact with local CGS members and members of the community that had expressed interest prior to the stagnant period. The CCLT tour helped bring some attention to the Sudbury Group. The Sudbury Chapter is in contact with a few prospective speakers and the hope is to have 3 events in 2012.

Executive Committee

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

Chair: Tommi Leinala (AMEC)
Member: Dan Cacciotti (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 CCLT in 2011 were a success with over 35 attending the Fall CCLT lecture.

The executive of the Sudbury Chapter are going to be seeking additional members to become involved with the organization.

Current Financial Status

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

London CSCE-CGS Chapter - Dan Babcock, CGS Representative Report of Activities - July 1, 2011 to June 30, 2012

Introduction

The CGS Section in London, Ontario is a joint CSCE-CGS Chapter with a broad representation of professionals, professors and students on the executive. This annual report is a summary of the activities of the Chapter for the period from 01 July 2011 – 30 June 2012. The group has active members from across Southwestern Ontario, particularly from the London, Windsor and Kitchener-Waterloo areas. The executive committee has organized several dinner presentations throughout the season (the Chapter's season runs from September to April. A detailed report from the Section is provided below.

Executive Committee

The 2011-2012 Executive Committee of the Chapter consists of the following members:

Tom Mara	<i>Section Chair</i>	University of Western Ontario
Grant Strachan	<i>Past Chair</i>	AECOM
John Gawley	<i>Treasurer</i>	Dillon Consulting Limited
Azmi Hammoud	<i>Communications</i>	Golder Associates Ltd.
Andy Turnbull	<i>CSCE Rep./Ontario Region Treasurer</i>	Ministry of Transportation, Ontario
Gavan McDonald	<i>Event Co-ordinator/Public Relations</i>	AECOM
Brent Visscher	<i>Secretary/Dillon Rep.</i>	Dillon Consulting Limited
John Simon	<i>City of London Rep.</i>	City of London
Dan Babcock	<i>CGS Rep./Golder Rep.</i>	Golder Associates Ltd.
Ernest Yanful	<i>UWO Rep.</i>	University of Western Ontario
Jason Gerhard	<i>UWO Faculty Rep.</i>	University of Western Ontario
Chris Kocur	<i>Graduate Student Rep.</i>	University of Western Ontario
Alex Vinden	<i>4th Year Student Rep.</i>	University of Western Ontario
Rebecca Solinger	<i>3rd Year Student Rep.</i>	University of Western Ontario

Activities

Membership

The London Chapter has about 300 members (PEO, CSCE, CGS and Student members). Our Chapter has been financially self-sustained by the money generated from the dinner meetings.

Meetings

The July 2011 to June 2012 season consisted of seven dinner meetings held at the Fox and Fiddle Restaurant in downtown London:

September 2011: International Development Internship
STUDENT SPEAKERS, UNIVERSITY OF WESTERN ONTARIO

October 2011: The Devastation of Chrischurch, New Zealand – Reflections of a Canadian Engineer
MICHAEL COLLINS, UNIVERSITY OF TORONTO

November 2011: Water Infrastructure Management
MICHAEL D'ANDREA, CITY OF TORONTO

January 2012: Low-Temperature Geothermal Heat Pump (GHP) Systems
ROBERT SCHINCARIOL., UNIVERSITY OF WESTERN ONTARIO

February 2012: Managing Risks Associated with Supported Excavations
STORER BOONE, GOLDER ASSOCIATES LTD.

March 2012: Structural Engineering a Century Ago: A Tale of Two Bridges
MICHAEL BARTLETT, UNIVERSITY OF WESTERN ONTARIO

April 2012: Trafalgar Street/Hale Street and CN Rail Elevated Roundabout Grade Separation
HENRY HUOTARI, DELCAN CORPORATION

The London Chapter also supported a number of University of Western Ontario student activities and the executive are currently planning events for the 2012-2013 season and considering plans for increased membership and revenue.

***Southern Ontario Section - Paul Dittrich, Regional Director
Report of Activities - July 1, 2011 to June 30, 2012***

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 from July 1, 2011 to June 30, 2012.

Executive Committee

The 2011-2012 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>Regional Director:</i>	Paul Dittrich	Golder Associates
<i>Chair:</i>	Stan Gonsalves	exp Inc
<i>Past Chair:</i>	Jinyuan Liu	Ryerson University
<i>Secretary:</i>	Nadine Miller	AMEC
<i>Treasurer:</i>	Marcia Mora	Ministry of Transportation Ontario (MTO)
<i>Awards:</i>	Chris Eldvidge	Terraprobe
<i>Communication:</i>	Mark Farrant	Thurber Engineering
<i>Membership:</i>	Peter McDonald	Deep Foundations Contractors
<i>Student Liaison:</i>	Murray Grabinsky	University of Toronto
<i>Event Co-ordinator:</i>	Gwangha Roh	Coffey Geotechnics
<i>Event Co-ordinator:</i>	Dmitry Olshansky	Toronto Transit Commission (TTC)

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 2011 – June 2012:

- Date: September 16, 2011 – **Third Annual CGS-SOS Golf Tournament** at Richmond Hill GC
70 participants (70 golfers and 1 lunch-only participant)
- Date: October 26, 2011 - Fall Cross Canada Lecture by **Mr. Steven Vick**
Topic: **The Consequences of Tailings Dam Failures**
119 participants ([incl. 1 speaker](#))
- Date: November 14, 2011 – Dinner Presentation by **Mr. Jefferey R. Hill, PE – Hayward Baker Inc.**
Topic: **An Introduction to Ground Modification, Earth Retention and Specialty Deep Foundations**
135 participants ([incl. 1 speaker](#))
- Date: December 14, 2011 - Christmas Dinner Social + Presentation by **Mr. Neil Abbott, Partner, Gowlings LLP**
Topic: **Becoming a Better Expert Witness: Defending Yourself, Improving Your Delivery and Disclaiming Damages**
100 participants ([incl. 1 speaker](#))
- Date: January 25, 2012 – **Graduate Student Competition Night**
Topic: About 50 members and students participated from Ryerson University, University of Toronto, University of Waterloo and McMaster University. The winner of the student competition was Mr. Philippe Morissette (Topic: “Validating a Support Performance Database based on Passive Monitoring Data”) from University of Toronto. He received a \$500 Cash Award and has confirmed that he will attend the 2012 CGS Conference in Winnipeg as a Sponsored Student.
48 participants ([incl. 1 speaker](#))
- Date: February 29, 2012 – Dinner presentation by **Dr. Ludomir Uzarowski, PhD – Golder Associates**
Topic: **Perpetual Pavements on the Red Hill Creek Valley Parkway, Hamilton Design, Construction, Monitoring and Sustainability**
70 participants ([incl. 1 speakers](#))
- Date: March 28 and 29, 2011 – Two-Day Short Course (facilitated by 7 local and international speakers including **Dr. John Small, Ph.D. – Coffey Geotechnics** (as keynote))
Topic: **Deep Excavations and Tunnels: A Geotechnical Perspective**
100 participants (inc. 10 speakers)
- Date: April 19, 2012 – Spring Cross Canada Lecture by **Dr. S. Lee Barbour – Univ. of Saskatchewan**
Topic: **Can We Successfully Reclaim Oil Sands Mine Closure Landforms?**
75 participants (inc. 1 speaker)
- Date: May 30, 2012-CGS-SOS Annual Dinner-Lecture by **Dr. Richard Goodman – Univ. of Cal (Berk)**
Topic: **Karl Terzaghi: His Personality and Genius**
279 participants (inc. 1 speaker)

Financial status

The Toronto Group is in a strong financial position with approx. \$45,000 held in account as of June 1, 2012. In May 2012, the Group received a return of the \$15,000 in seed money that was loaned to the organizing committee for the 64th CGS/14th PanAm Conference that was held in Toronto in 2011, plus an additional \$10,265.23 (our share of the profit from the conference for assistance in organizing the event). A portion of this money is to be allocated for disbursements to student scholarships, sponsorship of the CGS-SOS Student Competition winner to CGS National conference, a donation to the Canadian Foundation for Geotechnique, honorariums for speakers at our monthly dinner events, the continued underwriting of student participation in CGS-SOS events, and initiating of new CGS-SOS Toronto Group Undergraduate Awards.

Additional Information

CGS-SOS Award

The CGS-SOS Award nominations were open until April 27, 2012. 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 award was presented at the CGS-SOS Toronto Group Annual Dinner (on May 30, 2012) to Mr. Peter Wu, P.Eng.

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 CGS-SOS Toronto Group's past and upcoming activities, membership update forms, and a list of current and past CGS-SOS executive members.

Closure

This report was prepared with the help of Stan Gonsalves, 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, 2011 to June 30, 2012

Introduction

This report is a summary of the activities of the Kingston Section of the Canadian Geotechnical Society, for the period from 1 July 2011 – 30 June 2012. 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 2010-2011 Executive Committee of the Kingston Section consists of the following members:

<i>Chair:</i>	Greg Siemens, RMC
<i>Past Chair:</i>	Ian Moore, Queen's University
<i>Vice-Chair:</i>	n/a
<i>Section Director:</i>	Martin Burger, Cruickshank Construction
<i>Treasurer:</i>	Kathy Kalenchuk, Mine Design Engineering
<i>Members at Large:</i>	Steven Rose, Malroz Engineering Matthew Perras, Queen's Engineering (Student Rep.) Jenn Meleschuk, MTO Melissa Chappel

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 2011 Canadian Geotechnical Conference.

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:

Cruickshank Construction Ltd.	Maxxam Analytics Inc	WESA Envir-Eau
Cunningham Swan Carty Little & Bonham LLP	McIntosh Perry Consulting Engineers Ltd	Willms & Shier Environmental Lawyers LLP
Genivar Inc	Mine Design Engineering	XCG Consultants Ltd
Insitu Contractors Inc.	Paracel Laboratories Ltd	
MALROZ Engineering Inc.	Vertex Environmental Inc	

Meetings

The 2011-2012 meetings held to date were as follows:

- Nov. 29, 2011 *Luncheon Talk – Dr Dave Walters, Golder Associates Ltd
Toronto Subway Expansion Project*
- Mar. 7, 2012 *36th Annual Graduate Student Forum (co-hosted with Ottawa Group)
Three student presentations from Carleton, Univ. Ottawa and Queen's*
- Apr. 19, 2012 *CCLT – Professor Lee Barbour
Oil Sands Mine Closure Landforms*

Financial status

The Kingston Section continues to operate on a break-even basis with a current balance of (approx.) \$500.00

Additional Information

Upcoming events for the 2012-2013 season include: *Election of new Executive Members*

Ottawa Geotechnical Group (OGG) - Baolin Wang, Section Director Report of Activities - July 1, 2011 to June 30, 2012

Introduction

This is a final report of the Ottawa Geotechnical Group (OGG) of the Canadian Geotechnical Society, for the period from July 1, 2011 to June 30, 2012. It provides a summary of the activities of the OGG during this period. A dedicated executive committee has been successful in organizing several well-attended events and presentations throughout the season. Details are as follows.

Executive Committee

The 2011-2012 Executive Committee of the Ottawa Geotechnical Group consists of the following members:

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

Activities:

Date	Speaker	Affiliation	Title of Talk	Type of Event	Attend.
20-Sep-2011	Joseph C. Bigger	Geobruigg North America	Introduction to Geobruigg Slope Stabilization Systems	OGG kick-off event	15
28-Oct-2011	Steven Vick		The science of judgment	CCLT	53
7-Dec-2011	Jules-Ange Infante	University of Ottawa	Use and performance of dual function heat exchanger piles	Luncheon presentation	26

6-Feb-2012	Taras (Terry) Obal	Maxxam Analytics	Age dating techniques for middle distillate fuels and heavy petroleum products	Luncheon presentation	40
7-Mar-2012	1. Luz A. Peuentes 2. Connor Langford 3. Fawzy Ezzein 4. Hana Adem	1. Carleton University 2. Queen's University 3. Royal Military College of Canada 4. University of Ottawa	1. An investigation on the influence of wettability on the recovery of entrapped Inapls via surfactant flushing 2. A reliability based approach to underground support design 3. A transparent granular sand for geotechnical modeling 4. Constitutive modelling approach for estimating the variation of 1-D heave of expansive soils using the elasticity modulus as a tool	Student Forum	75
18-Apr-2012	Lee Barbour	University of Saskatchewan	Can we successfully reclaim Oil Sands Mine Closure Landforms?	CCLT	30
16-May-2012	Todd Latham	Actual Media Inc.	Antarctica 2041: A Voyage of Sustainable Inspiration	Annual Banquet	57

Membership (and Corporate Sponsorship)

The Ottawa Geotechnical Group currently has 178 members (157 paid members, 12 sponsor members and 9 student members). Regular members pay an annual membership fee of \$20, and receive special member rates to attend our monthly events. Student members do not pay an annual fee, and are offered subsidised rates to attend the events. 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 2011-2012 include:

DYWIDAG-Systems International Canada	GKM Consultants
Exova, Environmental Ontario	Hellenic Meeting and Reception Centre
George Downing Estate Drilling	Itech Environmental Remediation
George W. Drummond	Maxxam Analytics
GeoSolv Design/Build	OGS
Geosynthetic Systems	Paracel Laboratories

The following sponsors generously supported our annual banquet event of May 16, 2012:

AME Materials Engineering	Maxxam Analytics
DST	Paracel Laboratories
DYWIDAG-Systems International Canada	Paterson Group
Environmental Solutions Remediation Services	Remisz Consulting Engineers
Exp	SNC-Lavalin Environment
GeoSolv Design/Build	WESA
Golder Associates Ltd	

Meetings

The 2011-2012 executive committee meetings held are as follows:

Aug. 10, 2011	Nov. 16, 2011	Feb. 15, 2012	May 23, 2012
Sept. 7, 2011	Dec. 14, 2011	Mar. 21, 2012	
Oct. 19, 2011	Jan. 18, 2012	Apr. 25, 2012	

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 \$37,000 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 lunchtime speakers 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, 2011 to June 30, 2012

Introduction

This report summarizes the activities of the Western Quebec Section of the Canadian Geotechnical Society, for the period from July 1, 2011 to June 30, 2012. The group has members from across Western Quebec, especially from the Montreal, Sherbrooke and Drummondville areas. Several successful activities were organized by the executive committee: 6 presentations and one student competition. A detailed report from the Section is provided below.

Executive Committee

The 2011-2012 Executive Committee of the Western Quebec Section consists of the following members:

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

Activities

- On October 25, 2011, the Section welcomed the Cross Canada Lecture Tour presented by Steven G. Vick on the "Geotechnical Risk and Public Policy – The Other Side of the Wall."
- On November 29, 2011, Alain Marcotte gave a lecture on "*Criminal liability of organizations: Due diligence required in the context of the obligation to protect potential victims.*"
- On February 27, 2012, five graduate students from two universities participated in the annual Branko Ladanyi student competition. They presented 20-min conferences on their geotechnical research. A committee of senior engineers selected a winner.
- On March 20, 2012, Dominique Claveau-Mallet gave a lecture on "Measurement of Geotechnical Properties by the Swedish cone: use and technical aspects."
- On April 17, the Section welcomed the Cross Canada Lecture Tour presented by Lee Barbour on "Can we Successfully Reclaim Oil Sands Mine Closure Landforms?"
- On May 24, 2012, Ariane Locat gave a lecture on "Progressive failure and spreading in sensitive clays."
- On June 14, 2012, Martin McCann at the annual banquet will present "Systems Engineering and Risk-Informed Management of Civil Infrastructure."
- Each activity gathered 30 to 65 members.
- An organization committee of the Montreal Group, chaired by Mario Ruel, is active in preparing the 2013 CGS Annual Conference.

Membership and Corporate Sponsorship

The Western Quebec Section is composed of 145 members, combination of individual members and companies. The membership has steadily increased for the past five years. A small financial support is asked to 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.)	2 506.85 \$
- Section operations	382.50 \$
- Montreal 2013 operations	1 357.16 \$
- 2011 Toronto conference	3 142.94 \$
- Hawaii Project	1 000.00 \$
- Annual banquet (estimated costs)	5 000.00 \$
TOTAL Expenses:	13 389.45 \$

Revenues:	
- Membership income	2 770.00 \$
- Annual banquet (year 2010-2011 reported revenues)	340.00 \$
- Annual banquet (estimated revenues)	4 000.00 \$
TOTAL Revenues:	7 110.00 \$
Total amount in bank:	21 327.41 \$

Thanks to Judith Bouchard, Louis Maure and Sébastien Dubeau for their help in collecting all information.

Section Est du Québec - Didier Perret, Directeur régional
Rapport d'activités - 1er juillet 2011 au 30 juin 2012

Introduction

Ce rapport présente un bilan sommaire des différentes activités organisées ou parrainées par la section régionale de l'Est du Québec durant la période allant de juillet 2011 à juin 2012. La section de l'Est du Québec regroupe une petite communauté dynamique de praticiens, d'enseignants et de chercheurs en géotechnique.

Comité exécutif

Le comité est formé, pour l'année 2011-2012, des personnes suivantes :

- Directeur:* Didier Perret (Ressources naturelles Canada)
Président : Denis Lessard (Ministère des Transports du Québec)
Vice-président : Jean Côté (Université Laval)
Trésoriers : Alexis Fortin et Pascal Locat (Ministère des Transports du Québec)
Membre de liaison étudiante : Arianne Locat (université Laval)
Membres : Julie Dostie (LVM-Technisol), Kamel Hamouche (Inspec-Sol), Olivier Juneau (Laboratoires d'expertises de Québec LEQ), Simon Malenfant (LVM-Technisol), Julie Therrien (Ministère des Transports du Québec)
Conseillers : Denis Demers, Janelle Potvin (Ministère des Transports du Québec)

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. En général, 15 à 25 personnes assistent aux conférences. Lorsque le sujet est d'un intérêt particulier pour la profession, nous pouvons cependant avoir une cinquantaine de personnes.

Conférencier	Affiliation	Titre de la présentation	Date
Yves Robert	Groupe Qualitas inc. Montréal	Vérification de la capacité portante des pieux	28-06-2011
Sébastien Bisson	Groupe Qualitas Inc. Gatineau	Conception et construction d'un remblai d'autoroute sur un ancien dépotoir	29-08-2011
Steven G. Vick	S.G. Vick Consultant, Denver, Colorado	Tournée pancanadienne de géotechnique - Geotechnical risk and public policy – The other side of the wall	25-10-2011
Joannie Poupart, Catherine Savoie, Jonas Depatie, Félix Gaumont	Université Laval Département de génie civil, Québec	Ingénierie du pergélisol appliquée aux infrastructures de transport : retour sur le cours, mai 2011, Yukon College, Whitehorse	17-11-2011

Jacques Locat	Département de géologie et de génie géologique, Université Laval, Québec	La géomorphologie comme outil d'analyse de la rupture et de la post-rupture des pentes sous-marines	21-02-2012
Lee Barbour	Department of Civil and Geological Engineering, University of Saskatchewan, Saskatoon	Tournée pancanadienne de géotechnique - Can we successfully reclaim oil sands closure landforms?	17-04-2012
Dominique Claveau-Mallet	Département des génie civil, géologique, et des mines – École polytechnique de Montréal	Mesure de propriétés géotechniques par le cône suédois : utilisation et aspects techniques	23-04-2012

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, et contribue, nous l'espérons, à favoriser l'adhésion à la SCG.

Réunion du comité

Le comité exécutif se réunit en moyenne une ou deux fois par trimestre, ou encore à l'occasion lorsque l'agenda le justifie.

Statut financier

Le budget est d'environ 2000 \$. Nos revenus proviennent essentiellement des bénéfices réalisés lors du congrès annuel de la Société à Québec en 2004.

Eastern Quebec Section - Didier Perret, Section Director Report of Activities - July 1, 2011 to June 30, 2012

Introduction

This report presents a summary of the activities of the Eastern Quebec Section of the Canadian Geotechnical Society for the period from July 1, 2011 to June 30, 2012. The Eastern Quebec Section gathers a small but dynamic community of professionals and researchers in geotechnical engineering.

Executive Committee

For the year 2011-2012, the committee consists of the following members:

<i>Regional Director:</i>	Didier Perret (Natural Ressources Canada)
<i>Chair:</i>	Denis Lessard (Ministère des Transports du Québec)
<i>Vice-Chair:</i>	Jean Côté (Laval University)
<i>Treasurers:</i>	Alexis Fortin, Pascal Locat (Ministère des Transports du Québec)
<i>Student Committee:</i>	Ariane Locat (Laval University)
<i>Members:</i>	Julie Dostie (LVM-Technisol), Kamel Hamouche (Inspec-Sol), Olivier Juneau (Laboratoires d'expertises de Québec LEQ), Simon Malenfant (LVM-Technisol), Julie Therrien (Ministère des Transports du Québec)
<i>Advisors:</i>	Denis Demers, Janelle Potvin (Ministère des Transports du Québec)

Activities

Two types of activities are organized by the section. Lunch-time and occasionally evening 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. Usually, 15 to 25 persons attend lectures proposed by the regional section, sometimes more (around 50) when the lecture topic is of a special interest to the profession.

Speaker	Organization	Conference Title	Date
Yves Robert	Groupe Qualitas inc. Montréal	Vérification de la capacité portante des pieux	28-06-2011
Sébastien Bisson	Groupe Qualitas Inc. Gatineau	Conception et construction d'un remblai d'autoroute sur un ancien dépotoir	29-08-2011
Steven G. Vick	S.G. Vick Consultant, Denver, Colorado	Cross-Canada Lecture Tour - Geotechnical risk and public policy – The other side of the wall	25-10-2011
Joannie Poupart, Catherine Savoie, Jonas Depatie, Félix Gaumont	Université Laval Département de génie civil, Québec	Ingénierie du pergélisol appliquée aux infrastructures de transport : retour sur le cours, mai 2011, Yukon College, Whitehorse	17-11-2011
Jacques Locat	Département de géologie et de génie géologique, Université Laval, Québec	La géomorphologie comme outil d'analyse de la rupture et de la post-rupture des pentes sous-marines	21-02-2012
Lee Barbour	Department of Civil and Geological Engineering, University of Saskatchewan, Saskatoon	Cross-Canada Lecture Tour - Can we successfully reclaim oil sands closure landforms?	17-04-2012
Dominique Claveau-Mallet	Département des génie civil, géologique, et des mines – École polytechnique de Montréal	Mesure de propriétés géotechniques par le cône suédois : utilisation et aspects techniques	23-04-2012

Membership

Attendance to lectures is free and open to all, and no annual fees are asked for local membership.

Meetings

The executive committee meets once or twice a quarter. When required, additional meetings are called on an ad-hoc basis.

Financial status

The budget is about \$2,000. Revenues mainly come from profits made at the 2004 CGS Annual Conference in Quebec City.

Nova Scotia Section - Anthony Urquhart, Section Director Report of Activities - July 1, 2011 to June 30, 2012

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, 2011 and March 31, 2012.

Executive Committee

The 2011-2012 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)
Student Representative: Reza Jamshidi (Dalhousie University, Halifax)

Membership

The Nova Scotia chapter consists of approximately 27 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 local lecture series event in addition to the Cross Canada Lecture Tour (CCLT). The 2011-2012 presentations were as follows:

October 24, 2011 Fall CCLT: 24 Attendees

1. **Steve Vick:** The Science of Judgment

March 06, 2012 Local Lecture Series: 24 Attendees

2. **Bernie Mills:** Civil Engineering Applications of Tire Derived Aggregate
3. **Chris White:** New bedrock mapping and acid-generating potential of the Goldenville and Halifax groups and associated granitoid rocks in the metropolitan Halifax Regional Municipality, Nova Scotia
4. **Reza Jamshidi:** Examining Freeze/Thaw Cycling and its Impact on the Hydraulic Performance of a Cement-Treated Silty Sand

April 16, 2011 Fall CCLT: 18 Attendees

1. **Lee Barbour:** Can We Successfully Reclaim Oil Sands Mine Closure Landforms?

Financial status - \$21,408.00

Awards, Donations and Sponsorships

Local Chapter sponsored graduate student Reza Jamshidi for the 2011 Pan-Am Conference in Toronto. Committee agreed to sponsor Farzaneh Naghibi for the 2012 GeoManitoba Conference in Winnipeg.

St. John's Geotechnical Group OGG - Arash Zakeri, Section Director Report of Activities - July 1, 2011 to June 30, 2012

Introduction

This annual report is a summary of the activities of the St. John's Geotechnical Group of the Canadian Geotechnical Society, for the period from 01 July 2011 – 30 June 2012. The group has approximately 19 active members in Newfoundland, mainly from the St. John's area – a modest growth of 4 from past years. The interest in the local CGS Section has slightly increased as the two major civil projects, the Hebron Gravity Base Structure and the Lower Churchill Hydroelectric Dam, have started. A dedicated executive committee has been successful in organizing one well-attended presentation in this season. Following the PanAm CGS Conference in 2011, we are now collaborating with the local chapter of the CSCE. Despite the small number of members compared to some other sections, the St. John's Section is planning to sponsor a student for the GeoManitoba Conference in 2012, similar to the PanAm CGS Conference in 2011.

All of our activities are broadcasted through the CSCE announcements by Dr. Bing Chen. Details of our activities are provided below.

Executive Committee

The 2011-2012 Executive Committee of the Ottawa Geotechnical Group consists of the following members:

<i>Director:</i>	Arash Zakeri (September 2010 – Present*)
<i>Treasurer/Secretary:</i>	Amy Copeland (Stantec, St. John's)
<i>Past-Chair:</i>	Sterling Parsons (Stantec, St. John's)
<i>Student Liaison:</i>	Ken Chi (C-CORE/Memorial University (MUN))

* The current director has relocated from St. John's. The section is in the process of electing/selecting a new director who will resume responsibility. The new chair will be introduced in September 2012 annual meeting.

Activities

Thursday, August 18, 2011: "Recent Earthquake Damages in Japan, Slope and Dam Failures", presented by Dr. Toshi Kaza Hori, Director of Laboratory of Soil Mechanics, National Institute for Rural Engineering in Japan. Dr. Hori was a short-term visiting researcher at C-CORE. .

Tuesday, August 23, 2011: The first ISSMGE (webinar) titled, "Bridge scour depth prediction and levee overtopping erosion". The speaker is Jean-Louis Briaud, President of ISSMGE and Professor at Texas A&M University. It will be 90 minutes long and starts at 11:30am.

Tuesday, October 25, 2011: ISSMGE (webinar) on intelligent compaction offered by 2 speakers: Dr. Antonio Correia and Dr. George Chang.

Monday, December 19, 2011: Technical session (webinar) on the geotechnical and structural design aspects of Eurocode 7 by Dr. Andrew Bond.

Friday, February 24, 2012: Technical session (webinar) Risk Assessment in Geotechnical Engineering Session, by Prof. Zenon Medina-Cetina and Dr. Marco Uzielli.

Tuesday, March 13, 2012: Lecture on State-of-the-art of offshore geotechnical engineering for deepwater applications, by Prof. Mark Randolph of the University of Western Australia.

Wednesday, March 21, 2012: Technical session (webinar): 52nd Rankine Lecture, British Geotechnical Society, Performance-based design in geotechnical engineering, by Prof. Malcolm Bolton, Cambridge University

Financial status

Current bank account balance is \$1,080.80.

Summary Report - Technical Divisions - Lukas Arenson, Chair **Report of Activities - July 1, 2011 to June 30, 2012**

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.* larensen@bgcengineering.ca	2013	Hydrogeology Chris Neville, P.Eng. cneville@sspa.com	2013
Engineering Geology Davide Elmo Davide_Elmo@golder.com	2012	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@mu	2013
Geosynthetics R. Kerry Rowe, P.Eng. kerry@civil.queensu.ca	2013		

* Represents Technical Divisions on Executive Committee

In 2012, two new Chairs were appointed for the Geoenvironmental and the Rock Mechanics Divisions. The 3-year term of the Chair of the Engineering Geology Division will end in 2012.

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. Although the Division Chairs can readily obtain membership statistics for their respective Divisions, not all Division Chairs have provided this information in their annual reports. Following are membership statistics (first-choice membership only) for the divisions:

Cold Regions Geotechnology	54
Engineering Geology	129
Geoenvironmental	95
Geosynthetics	50
Hydrogeology	49
Rock Mechanics	88
Soil Mechanics and Foundations	608

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.

List of Activities

The Chairs of the Divisions have submitted their annual 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:

The Division had a quiet 2011, after the very successful Annual CGS - Canadian Permafrost Conference in 2010. More cold regions papers are expected at the 2012 Manitoba CGS conference. The International short course on "Permafrost Engineering: Effective Design and Construction in Permafrost Regions", has been offered at the University of Alberta - Department of Civil and Environmental Engineering under the lead of Dr. Dave Segeo. Over 45 people attended the course and it might be offered again in 2012. The CRGD supported the David C. Segeo Symposium held Edmonton, AB in April 2012 with \$2000 that went toward the publication of the symposium proceedings.

Engineering Geology:

The EGD supported the Slope Stability 2011 conference held in September 2011 in Vancouver. The EGD also offered its support to the International Fault Slip Control Research Program being launched by CEMI in Sudbury. The EGD provided part of the funds to support John Franklin visit to Beijing, during which he was honoured with an ISRM fellowship.

Geoenvironmental:

In November 2011 a new Division Executive Committee was formed and the website was updated.

Geosynthetics:

The Division ran a 1-Day short course on "Geosynthetics in bottom liners and covers with emphasis on landfill applications", in association with the CGS/Pan-Am Conference in Toronto, October 2011. A similar short course was also present to the Geotechnical Society of Edmonton, February 2012. The Division is seeking to organize a workshop at the 2013 Montreal Conference.

Hydrogeology:

Highly successful series of presentations on groundwater research and practice were organized by members of the HGD in Kitchener Waterloo and Cambridge, Ontario. This collaboration between the HGD and the CNC-IAH is a model for other regions. In co-operation with the CGS Computing Committee, the HGD organized a short course, entitled "Meaning Numerical Modelling in Geotechnical Engineering, during the Pan-Am/CGS Conference in Toronto October 2011. Mr. Neville collaborated with the organizers of a two day seminar "Deep Excavations and Tunnels: A Geotechnical Perspective" held on March 28-29, 2012 to ensure presentations on groundwater aspects. Various symposia are in preparation for 2013.

Rock Mechanics:

The 21st Canadian Rock Mechanics Symposium (titled RockEng12) was held in Edmonton in May, 2012. The theme is "Rock Engineering for Natural Resources". The conference consisted of 140 delegates, 60 oral presentations, 12 Student poster presentations, 4 plenary speakers, and 4 short courses. The financial outcome of the conference is still being determined at the time of writing this report. At the 2011 PanAm CGS conference in Toronto in October, the John Franklin Award was awarded to Peter Stacey for recently published contributions in Rock Mechanics and Rock Engineering. Peter Stacey is president of Stacey Mining and Geotechnical Ltd and co-editor and chapter author of the acclaimed book "Guidelines for Open Pit Slope Design".

Soil Mechanics and Foundations:

The Division expressed some interest in the development of a Site Characterization Manual (SCM). 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. The SMFD received and reviewed all ICSMGE abstracts submitted and 25 of them were sent to the ICSMGE 2013 Conference Technical Paper Selection Committee. SMFD members are also involved in organizing GeoManitoba 2012 - the 65th Canadian Geotechnical Conference. Division board members are also involved in the technical paper review process.

Financial Status

The Cold Regions Geotechnology and the Engineering Geology Divisions, respectively, have \$14,276 and \$8,836 in their accounts. The Rock Mechanics Division has no finances, but the CGS feeds membership dues for their members directly to CARMA. The cash balance of CARMA's bank account was \$68,588.52 in June 2012. Accounting for outstanding liabilities and credits, the net balance was estimated at \$63,588.52. 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, 2011 to June 30, 2012

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 2011-2012 Executive Committee of the Cold Regions Geotechnology Division remained unchanged from the previous year and consists of the following members:

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

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 (formerly PEWG9) and member of the Transport Canada Network of Expertise on Permafrost Infrastructure.

Membership Information

The latest membership list includes 54 first choice members and 213 second choice members. This is a drop in the first choice membership from previous years, which is of some concern to the division. However, the second choice member number has been increasing continuously over the last years. This is a clear indicator for the importance of cold regions geotechnology. The regional distribution of the first choice members is as follows: AB: 14, BC: 12, MB: 2, SK: 1, NT: 1, ON: 7, QC: 6, YK: 7, other: 4.

List of Activities

2011 has been a quiet year, after the very successful and busy Canadian permafrost conference in 2010. There were only 7 cold regions papers at the 2011 CGS conference. There was no permafrost session, but

these papers were in the geohazards and climate change sessions. More cold regions papers were submitted this year and division members promoted the Manitoba CGS conference and are contributing to the review of abstracts.

The International Short Course on Permafrost Engineering: Effective Design and Construction in Permafrost Regions, has been offered again at the University of Alberta - Department of Civil and Environmental Engineering in December 2011 under the lead of Dr. Dave Sege. Over 45 people attended the course, which may be offered again in 2012. The CRGD supported the David C. Sege Symposium held on April 26 & 27, 2012. The \$2000 contribution was used for the publication of the symposium proceedings. About 90 people registered for this event. Several members of the CRGD went to the 10th Int. Permafrost Conference in Salekhard, Russia.

Financial Status

The CRGD has \$14,276.43 in a restricted CGS account.

Engineering Geology Division - Davide Elmo, Chair Report of Activities - July 1, 2011 to June 30, 2012

Introduction

This document summarizes the activities of the Engineering Geology Division (EGD) of the Canadian Geotechnical Society for the period from July 1st, 2011 to June 30th, 2012. 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 2011-2012 Executive Committee of the EGD consists of the following members:

<i>Chair:</i>	<i>Davide Elmo</i>	<i>delmo@golder.com</i>
<i>Vice-Chair:</i>	<i>Arash Estraghian</i>	<i>arash.eshraghian@amec.com</i>
<i>Past-Chair:</i>	<i>David Wood</i>	

Affiliations with Other Organizations

The EGD is closely affiliated with the International Association of Engineering Geology (IAEG). There are strong links with the Association of Environmental and Engineering Geologists (AEG) in the United States. Reportedly, there are also links with the Engineering Geology working group of the Geological Society of London.

Membership Information

In 2011 the EGD membership first choice membership was 129. 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

Activities for the period from July 1st, 2011 to June 30th, 2012 included:

- Support was given to the Slope Stability 2011 conference held in September 2011 in Vancouver and organized by Doug Stead and Eric Eberhardt. The EGD Chair was involved in co-leading the 1-day workshop on Radar Technology in Slope Stability (Principles and Applications), which included presentations by five internationally leading companies in radar /InSAR technology.
- The EGD offered its support, although without financial commitment, to the International Fault Slip Control Research Program being launched by CEMI in Sudbury.

- No nominations were received for the Thomas Roy Award for 2011, and accordingly the award was not given out in 2011.
- The EGD provided part of the funds to support John Franklin visit to Beijing, during which he was honoured with an ISRM fellowship.
- The decision was taken to award the Thomas Roy Award for 2012 to Prof. Oldrich Hungr (University of British Columbia, Department of Earth and Oceanic Sciences). Prof. Hungr is considered one of Canada's most highly recognised and respected international landslide experts, and is arguably the top international engineering geology practitioner in the study of debris flows and landslide run-out analysis. Note that Prof. Hungr was a past recipient of this award in 1990 as a second author on a paper, when the award was more generally directed towards published contributions. However, it is recognised that since 1996 the award has been more regularly directed to individuals for their contributions to Engineering Geology.
- The current EGD Chair is coming close to the end of his 3-year mandate, and it is planned to start the search for a suitable replacement shortly.

Financial Status

Currently, the EGD Chair does not have an updated financial status for the EGD; however, the 2011 yearly report stated that funds held in CGS restricted accounted for approximately \$10k.

Geoenvironmental Division – Dr. Myint Win Bo, Chair ***Report of Activities - July 1, 2011 to June 30, 2012***

Introduction

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

Executive Committee

The 2011-2012 Executive Committee of the Geoenvironmental Division consists of the following members:

Chair: Myint Win Bo
Vice- Chair: Craig Lake
Members: Julie Shang
 Bruce Kjartanson
 Mamadou Fall
 Bruno Bussiere
 Soe Moe Kyaw Win

Affiliations with Other Organizations

International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE)

Membership Information

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

List of Activities

- 1) New Executive Committee was formed in November 2011.
- 2) Geo-environmental website was updated.
- 3) Uploaded several related link and conference announcements on the webpage
- 4) Approximately ten of Geoenvironmental Division members volunteered in the process of reviewing Abstract selection for GeoManitoba 2012.
- 5) The same group of reviewers also participated in paper review process for Geoenvironmental papers to be published in Manitoba 2012

Geosynthetics Division - Kerry Rowe, Chair
Report of Activities - July 1, 2011 to June 30, 2012

Introduction

This interim report is a summary of the activities of the Geosynthetics Division, for the period from July 1, 2011 to June 30, 2012.

Executive Committee

The 2011-2012 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 representatives: 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 2011, the Geosynthetics Division had 50 first choice members. Their regional distribution was as follows: ON 17; AB 9; BC 8; QC 5; MB 3; NB 2; NS2; SK 2, other 2.

List of Activities

A meeting of the Division held at the CGS-Pan-Am Conference in Toronto was attended by 19 people and a good discussion followed for over 1 hour.

The Division ran a 1 Day Short course on "Geosynthetics in bottom liners and covers with emphasis on landfill applications", in association with the CGS/Pan-Am Conference in Toronto, October 2011.

A 1 Day Short course on "Geosynthetics in bottom liners and covers with emphasis on landfill and mining applications", was also presented to the Geotechnical Society of Edmonton, February 2012

Division members promoted the Manitoba CGS conference and are contributing to the review of abstracts (and eventually papers) on geosynthetics.

Seeking to organize a workshop at the 2013 Montreal Conference.

Nominating Committee for the Geosynthetics Division Award is active.

Hydrogeology Division - Christopher J. Neville, Chair

Report of Activities - July 1, 2011 to June 30, 2012

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 2011-12 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

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 Groundwater Specialty 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 Calgary in 2010, and will not be held in 2011 or 2012.

The chair of the HGD regards the joint conferences with the IAH-CNC as an important opportunity to build links between geoenvironmental 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 Groundwater Specialty 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 winner of the Farvolden Award for 2012 is Dr. R. Allen Freeze.

The IAH-CNC will be hosting The 2012 IAH International Congress in Niagara Falls, from September 16 to 21. Dr. Freeze will be attending the conference and will be presented with the Farvolden Award as part of the conference ceremonies

Membership Information

The number of CGS members listing the HGD as their first choice on July 18 is 49 members which is less than 66 members in 2011.

List of Activities

Christopher Neville, HGD Chair, Richard Jackson, HGD past-chair and Tammy Middleton of the Region of Waterloo Water Services Division have continued to organize a highly successful series of presentations on ***groundwater research and practice*** in Kitchener-Waterloo and Cambridge, Ontario. This collaboration between the HGD and the CNC/IAH is a model for other regions. These present 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 in the 2011-2012 series are listed on the following table. In co-operation with the

CGS Computing Committee, the HGD organized a short course, entitled “Meaning Numerical Modelling in Geotechnical Engineering, during the Pan-Am/CGS Conference in Toronto October 2011.

The Southern Ontario Group (Toronto) of the CGS has organized a two-day seminar, *Deep Excavations and Tunnels: A Geotechnical Perspective*, to be held on March 28-29, 2012. Mr. Neville collaborated with the organizers of the seminar to ensure that the seminar included a presentation on groundwater aspects related to deep subsurface construction.

Date	Speaker	Affiliation	Title	Attendance
2011/10/17	Dr. Ramon Aravena	University of Waterloo	Application of Environmental Isotopes in Organic Contaminants Studies in Groundwater	27
2011/11/02	Stephen Di Biase	Golder Associates	Hydrogeology along the Toronto-York Spadina Subway Extension	45
2011/11/17	Dr. Garth van der Kamp	Environment Canada	Groundwater, Moisture Loading, And The Use Of Observation Wells As “Geological Weighing Lysimeters”	21
2012/05/01	Dr. Steven Berg	Stantec	Hydraulic Tomography as a Tool for Capturing Subsurface Heterogeneity	35
2012/06/05	Dr. Terry Carter	Ontario Geological Survey	Regional bedrock aquifers and a geological groundwater model for southern Ontario	35

Upcoming initiatives

Several initiatives are underway for the HGD.

1. Continued support for *Joint IAH-CNC and CGS Groundwater Specialty Conference* to be held in conjunction with the annual Canadian Geotechnical Conference.
2. Outreach efforts to attract members to the Hydrogeology Division through the promotion of presentations and short courses related to groundwater applications in geotechnique. Mr. Neville taught a short course “Critical Thinking in Aquifer Test Interpretation” in Saskatoon in March 2012.
3. Ongoing participation in the organization of the Kitchener-Waterloo hydrogeology lecture series.
4. Support for the Third *Aquitard Hydrogeology Symposium* that will be held at the University of Guelph in 2013.
5. Mr. Neville has been assessing the level of interest for symposium devoted to the hydrogeologic aspects of tunnel construction in Greater Toronto. His initial overtures have been met with enthusiasm, and planning will begin for symposium to be held in February 2013.

Financial Status

The CGS is not holding any funds for the HGD.

Rock Mechanics Division - Jim Hazzard, Chair
Report of Activities - July 1, 2011 to June 30, 2012

Introduction

The Rock Mechanics Division 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 2011-2012 Executive Committee of the Rock Mechanics Division consists of the following members:

Chair: Jim Hazzard, Itasca Consulting Group (jhazzard@itascacg.com)
Past-Chair: Prof. Chris Hawkes, University of Saskatchewan (chris.hawkes@usask.ca)
Member: Derek Kinakin, BGC Engineering (DKinakin@bgcengineering.ca)
Student Liaison: 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 2011, CARMA was chaired by the CGS-RMD chair, Chris Hawkes. Starting in 2012 the term for CARMA chair was changed to a 2-year duration. The chair for 2012-2013 is John Hadjigeorgiou (CIM-RES chair). Other members of the CARMA executive in 2012 include Luc Beauchamp and Jamie Archibald (CIM-RES executive members), Jim Hazzard and Chris Hawkes (CGS-RMD executives).

Membership Information

As of May 23, 2012, 88 CGS members had selected the RMD as their first choice and 211 had selected it as one of their second choices. 11 of those who selected RMD as a second choice also added ISRM membership. The members break down by province as shown in the following table:

Province	First choice RMD	Second choice RMD
AB	9	56
BC	22	48
MB	2	4
NB	0	4
NL	2	2
NS	4	4
NT	0	1
ON	27	59
QC	10	18
SK	2	1
YT	0	1
International	10	13
Total	88	211

Financial Status

The RMD itself has no finances. The CGS feeds membership dues for RMD members directly to CARMA. As of June 1, 2012, the cash balance of CARMA's bank account was \$68,588.52. Accounting for outstanding liabilities and credits, the net balance was estimated at \$ 63,588.52.

Additional Information

The 21st Canadian Rock Mechanics Symposium (titled RockEng12) was held in Edmonton in May, 2012. The technical committee consisted of Chris Hawkes (Chair), Sam Proskin (EBA, Edmonton, Associate Chair), Derek Kinakin (BGC, Vancouver, Associate Chair) and Denis Thibodeau (Vale, Associate Chair). The

theme was “Rock Engineering for Natural Resources.” The conference consisted of 140 delegates, 60 oral presentations, 12 Student poster presentations, 4 plenary speakers, and 4 short courses. The financial outcome of the conference is still being determined at the time of writing this report.

Fifteen members attended the division’s annual general meeting (AGM), which was held in conjunction with October’s 2011 Pan-Am CGS conference. Detailed minutes were circulated to Division members in November, 2011. Highlights include: (i) Briefing on RockEng12 conference status (ii) Ideas for potential use of CARMA funds including digitization of past copies of Canadian Rock Mechanics Symposium proceedings, and student sponsorship for CGS, CIM and ISRM conferences; a professionally hosted and maintained website; (iii) a suggestion to create CARMA student chapters at universities and perhaps create a national rock mechanics event similar to the Mining Games event for mining engineering students; (iv) a Student Liaison position on the CGS-RMD executive was proposed and subsequently taken up by Matthew Perras (graduate student at Queen’s University).

At the 2011 PanAm CGS conference in Toronto in October, the John Franklin Award was awarded to Peter Stacey for recently published contributions in Rock Mechanics and Rock Engineering. Peter Stacey is president of Stacey Mining and Geotechnical Ltd and co-editor and chapter author of the acclaimed book “Guidelines for Open Pit Slope Design”.

Soil Mechanics and Foundations Division - Bipul C Hawlader, Chair
Report of Activities - July 1, 2011 to June 30, 2012

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 2011-2012 Executive Committee of the Soil Mechanics and Foundations Division consists of the following members:

<i>Chair:</i>	Bipul Hawlader, Memorial University of Newfoundland, St. John’s - bipul@mun.ca
<i>Past Chair:</i>	Jitendra Sharma, University of Saskatchewan
<i>Vice-Chair:</i>	TBD
<i>Members:</i>	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 John Sobkowicz, Thurber Engineering Ltd., Calgary - jsobkowicz@thurber.ca Roger Skirrow, Alberta Infrastructure and Transportation, Edmonton - Roger.Skirrow@gov.ab.ca Sean Hinchberger, Hatch Engineering, London - shinchberger@hatch.ca Mohamed Meguid, McGill University, Montreal - mohamed.meguid@mcgill.ca Robert Chapuis, Montreal Polytechnic, Montreal - robert.chapuis@polymtl.ca

Affiliations with Other Organizations

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

List of Activities

The SMFD Annual meeting was held on Tuesday, October 4, 2011, during the 2011 CGS-Pan-Am Conference in Toronto, in the Essex Room, Sheraton Centre Hotel. The meeting was chaired by Bipul Hawlader. In addition to the SMFD executive committee members, a number of CGS executive members

attended the meeting. Among them Victor Sowa, Peter Wu, Ian Moore and Tim Newson provided some valuable comments. A number of issues were discussed, including:

a) Site Characterization Manual.

Alex Baumgard initiated a discussion on whether the CGS should develop a Site Characterization Manual (SCM). There was some discussion and feedback from some of the senior CGS members that attended the meeting. Victor Sowa commented that the preparation of a Site Characterization Manual was started some time ago but was not completed. Victor offered to check into the status of the Site Characterization Manual. Subsequently some information was obtained but this matter is not yet resolved.

b) 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 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. It will also require many authors volunteering to review and revise various chapters under the Editor's guidance. It is expected that many of the authors will come from the SMFD. A major commitment will need to be made by the CGS in terms of volunteers required and substantial up-front costs.

c) French Version of Canadian Foundation Engineering Manual

The status of French version of the Canadian Foundation Engineering Manual (4th ed.) was also discussed. Work is progressing on the Manual and currently it is believed that the Manual will be submitted to the printers near the end of this year.

G.G. Meyerhof Award – 2011

A sub-committee was formed from the SMFD Executive Committee to select the winner of 2011 G. G. Meyerhof Award. Dr. Ryan Phillips of C-CORE was the recipient of the 2011 Meyerhof Award.

G.G. Meyerhof Award – 2012

The nominations for G.G. Meyerhof Award 2012 have been received. This year a nomination sub-committee was also formed. Another sub-committee was formed from the SMFD Executive Committee to select the winner of 2012 G. G. Meyerhof Award.

ICSMGE 2013 – Paris

SMFD received the abstracts from the CGS members submitted for the 18th International Conference for Soil Mechanics and Geotechnical Engineering (ICSMGE 2013) in Paris. Committee members reviewed all the abstracts and 25 of them were sent to the ICSMGE 2013 Conference Technical Paper Selection Committee.

GeoManitoba 2012

SMFD members are also involved in organizing GeoManitoba 2012 - the 65th Canadian Geotechnical Conference. Division board members are also involved in the technical paper review process.

Computing Committee - Peijun Guo, Chair

Report of Activities - July 1, 2011 to June 30, 2012

Introduction

The Computing Committee has identified several potential areas for the future activities, primarily focusing on the promotion of computing methods and their applications in geotechnical engineering practice. These activities include (a) continuing involvement in the CGS annual conference to volunteer in paper review or organizing special sessions, (b) offering short courses on numerical modelling with geotechnical engineering applications or other relevant topics, and (c) lead other initiatives to include emerging areas of computing in engineering practice.

Executive Committee

The 2011-2012 Committee of the Computing Committee consists of the following members:

Chair: Peijun Guo (McMaster University)
Past-Chair: Tai Wong (O'Connor Associates Environmental Inc., Calgary)
Members: Dave Chan (University of Alberta)
Murray Fredlund (SoilVision, Saskatoon)
Denis Leboeuf (Laval University)
Paul Simms (Carleton University)
Dieter Stolle (McMaster University)
Richard Wan (University of Calgary)

Affiliations with Other Organizations

The Computing Committee functions under the Canadian Geotechnical Society (CGS).

Membership Information

None (The Committee does not register individual members.)

List of Activities

Committee members are involved in reviewing abstracts and papers for the 65th Canadian Geotechnical Conference (CGC) that will be held in Winnipeg, Manitoba, September 30 - October 3, 2012.

Committee members were involved in the 14th Pan-American Conference (PanAm 2011) on Soil Mechanics and Geotechnical Engineering (PCSMGE) and the 64th Canadian Geotechnical Conference (CGC) held in Toronto from October 2 to 6, 2011. Activities included involvement with the Technical Committee, abstracts and paper review, as well as chairing technical sessions at the conference. A committee meeting was held to discuss the future activities and focuses of the Committee.

Prior to the PanAm 2011 conference, a one-day short course was organized by the Computing Committee and the Groundwater Division on numerical modelling and its application in geotechnical practice, focusing on how to obtain meaningful results. The instructors of the short course included Murray Fredlund, Dieter Stolle, Tai Wong and Chris Neville. The topics of the short course are summarized as follows:

- modelling and simplifications
- fundamentals of finite element method : application of virtual work; boundary conditions; errors and convergence and solution quality; element selection – constraints, limitations, locking, spurious modes.
- Transient and dynamic analysis: water flow in soil; creep and consolidation; two-phase wave propagation – mixed methods; treatment of boundaries; initial conditions.
- Nonlinear analysis: Non-linear constitutive models, solution strategies (including initial stiffness and tangential procedures, numerical stability considerations, relaxation techniques).
- Common mistakes and how to avoid them in numerical modelling
- Cases studies from engineering practice.

The short course is very successful, with the largest numbers of participants (28) in all short courses offered. A post-course survey was made through emails and the feedback was very positive, including some

suggestions for similar events in the future. A preliminary discussion has been made within the Computing Committee to organize other short courses on selected topics in the future to promote computing techniques in geotechnical engineering practice.

Proposed Activities

A Committee meeting was held during the PanAm 2011 to discuss in details the future activities of the Committee. Potential activities obtained from feedback, include:

1. Education - In the past, the Committee has taken part in the organization of a conference and courses on the dynamics of machine foundations and numerical modelling in geotechnical engineering. A suggestion was made that the Committee should organize other short courses on selected topics of modelling in geotechnical engineering. Preliminary contacts have been made to individuals who might be interested in offering such short courses.
2. Modelling – In addition to the 'high end' technical activity addressing numerical and analytical methods in geotechnics, the Committee should lead other initiatives regarding, for example, GIS which emerges as a necessary organizer of geotechnical information for many project types, technical online application via tablet computing, application of GPS in geotechnical engineering practices. A suggestion was made that the Committee should also consider computer modelling in broader geotechnical engineering, including applications related to ground water and geoenvironmental engineering, which will be achieved through collaboration with other CGS committees and divisions.
3. Collaboration with other CGS Committees and Divisions – Given the special nature of computing and modelling, it was suggested that the Committee should enhance collaboration with other CGS Committees and Divisions, emphasizing the practical application of modelling in broad areas of geotechnical engineering, such as ground water, pavements, etc. The short course offered at PanAm 2011 was the result of collaboration between the Computing Committee and the Ground Water Division.

These suggestions and any others that may arise over the coming months will be addressed during the upcoming CGS Conference in Winnipeg.

Financial Status

The Computing Committee has no operating budget of its own.

Education Committee - Greg Siemens, Chair ***Report of Activities - July 1, 2011 to June 30, 2012***

Introduction

The Education Committee has been continuing core activities since the fall conference in Toronto 2011. A final report for the previous year was provided by Greg Siemens (Chair) for the board meeting at the 2011 annual conference updating current tasks at that time. This report provides a summary of ongoing initiatives and activities completed from July 01, 2011 to June 30, 2012.

Executive Committee

The current committee members are:

<i>Chair:</i>	Greg Siemens
<i>Past-Chair:</i>	Dharma Wijewickreme
<i>Members:</i>	James Blatz
	Kent Bannister - Conference Co-Chair (cYGEC)
	Corey Froese
	Jocelyn Grozic
	Kathy Kalenchuk
	Jinyuan Liu
	Ian Moore
	Jit Sharma
	Nicholas Vlachopolous Chair (Student Competitions)
	Paul Simms – Chair (CFG Fellowship Selection)
	Graeme Skinner

List of Activities

1. CGS Student Competition

2012 Competition: Another CGS Student Competition is underway. The Call for Submissions for the 2012 CGS Student Competitions was sent out in late January (with additional reminder e-mails to follow) with a due date of 21 May 2012. 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 Winnipeg in the Fall. There are 8 Graduate Presentation, 2 Undergraduate – Individual and 4 Undergraduate – Group Competition entries.

Following the successful Geo-Jeopardy event sponsored by Golder Associates the committee is working with the sponsor to continue this event for the conference in Winnipeg. Golder has graciously agreed to sponsor such a session for the next conference as well.

2011 Competition: A total of 13 submissions were received including: 2 Graduate Presentations, 4 Undergraduate Group Reports and 7 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 graduate 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 2011 CGS Student Competition winners were:

Undergraduate Student Report (Individual)

- 1st Prize Candice Williams "Design of a Fluorescent Tracer Injection Experiment to Characterize Infiltration Patterns in Whiteman's Creek, Ontario", Department of Civil Engineering, University of Waterloo; Advisor, Dr. William K. Annable
- 2nd Prize Sarah Klassen "The Impacts of Groundwater Trends and Bioengineering on Riverbanks in Winnipeg, Department of Civil Engineering, University of Manitoba; Advisor, Dr. James Blatz

Undergraduate Student Report (Group)

- 1st Prize Brad Copping, Sonia Hachey, Sean Legassie, Brandon Love, John Nichols, and Jennifer Pellerin "Seismic amplification and resonance effects in Fredericton, New Brunswick: geological origin and geotechnical significance", Department of Earth Sciences, University of New Brunswick; Advisors, Dr. Karl Butler and Dr. Tom Al
- 2nd Prize Jennifer Day, Michaela Kuuskman, and Claire MacCallum, "Mapping Heat Transfer of Gas and Leachate Production at Closed Landfill Sites", Department of Geological Sciences and Geological Engineering, Queen's University; Advisor, Dr. D. Jean Hutchinson.

Graduate Student Presentation Award

- 1st Prize Fathi Mohamed, "Bearing Capacity and Settlement Behaviour of Shallow Footings in Unsaturated Sands", Department of Civil Engineering, University of Ottawa, Advisor: Dr. Sai Vanapalli and Dr. Murat Saatcioglu
- 2nd Prize Jeffrey Oke, "Investigation into Application of Rankine and Coulomb Theory on Forepoles deformation in Conventional Tunnelling Methods", Department of Geological Sciences and Geological Engineering, Queen's University; Advisors, Dr. Nicholas Vlachopoulos and Dr. Mark Diederichs.

(as per information provided by Nicholas Vlachopoulos, Administrator of the Student Competitions)

2. 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. The CGS Education Committee is administering the scholarship.

2011 Scholarship: A call for nominations was issued in March 2010 from the CFG. Due to very poor participation, the application deadline was extended from June 1st to June 15th. After some further appeals by CGS, CFG, and the committee chair, 10 strong applications were received. The winner of competition

was Adedeji Dunmola, a PhD student at Carleton University, who is now working as a Tailings Specialist for Shell Canada in Calgary.

2012 Scholarship: A call for nominations was issued in March 2011. A reminder was sent in May 2012. The selection committee will again be chaired by Dr. Paul Simms at Carleton University in Ottawa, with the same selection committee as in previous years. The committee intends to reach a decision by 15 July 2012. The deadline for nominations is 1 June 2012. The scholarship will again be awarded at the Canadian Geotechnical Conference in the fall.

It is hoped that recent efforts by CFG to promote the scholarship will avoid the situation that occurred in 2011. The selection committee chair will monitor submissions, and will issue additional reminders as needed in May.

(as per information provided by Paul Simms, Chair, CFG Fellowship Selection Committee).

3. 4th cYGEGC

Over the past 7 years a series of very successful Canadian Young Geotechnical Engineers and Geoscientists Conferences (cYGEGCs) have been held (2004 – Quebec City, QC; 2007 – Kingston, ON; 2010 – Calgary). These conferences are traditionally held following the annual Canadian Geotechnical Conference and are available to younger (less than age 35) Geo-professionals. Planning for the 2013 conference is well underway with the Organizing and Local Committee holding regular meetings. The Organizing Committee (listed below) is comprised of members from a number of participating provinces including those from industry and academics. The Local Organizing Committee is currently finalizing the venue for the conference and an announcement will be made at the Canadian Geotechnical Conference in Winnipeg in fall. The Organizing Committee members include:

Table 1. Organizing Committee for 4th cYGEGC, Montreal QC, 2013

Position	Name	Affiliation
Co-chair	Ariane Locat	University of Laval, Quebec
Co-chair	Matthew Perras	Queen's University, Kingston
Treasurer	Mylene Sancoucy	
Sponsorship	Michael Van Helden	TREK, Winnipeg
Promotions	Hiva Mahdavi	Coffey, Geotechnics, Markham
Registration		
Website	Jenn Day	Queen's University < Kingston
Technical Program		
Social Program		
Logistics		
Local Chair	Mylene Sansoucy	
LOC member	Melanie Lavoie	Environnement et Parcs
LOC member	Catherine Cloutier	University of Laval, Quebec
Member at Large	Julie Therrien	Transports Quebec
Member at Large	Neil Kjelland	
CGS – Education Committee	Greg Siemens	RMC, Kingston

(as per information provided by Matt Perras, Conference Co-Chair).

4. 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).

5. Financial Status

The Education Committee has as separate line item in the CGS budget with the amount of \$3,501.23.

Heritage Committee - M. Zergoun, Chair
Annual Report of Activities - July 1, 2011 to June 30, 2012

Introduction

The Heritage Committee manages archival and heritage material on behalf of the Canadian Geotechnical Society (CGS). Because the Society has no permanent office of its own, in 2004 the CGS Board of Directors instructed the heritage committee to manage a collection of 'virtual' archives on the CGS website at

<http://www.cgs.ca/cgsdocuments/Heritage%20Archives>

Information about the Heritage Committee is provided 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.

The 2011-2012 Heritage Committee consists of the following members:

Executive

Chair: Mustapha Zergoun (January 2012 to December 2014, three year term)

Vice-Chair: Rick Yoshida

Secretary: None

Past-Chair: Jim Graham

Members: Shahid Azam, David Cruden, Richard Jackson, Jørn Landva, Abouzar Sadrekarimi, Ken Skafffeld, Sai Vanapalli, Mahdi Taiebat.

Others interested

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

Affiliations with Other Organizations

The Heritage and Archives Committee, Engineering Institute of Canada.

List of Activities

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

- a) Scanning of all past Proceedings of Canadian Geotechnical Conferences. This was done through the generous support of our colleagues at the University of Alberta and the Northern Alberta Section of the CGS. The chair submitted to Geotechnical News an article announcing this valuable contribution.
- b) Serge Leroueil to provide a photographic collection and relevant documents regarding the flow slide at St Jean-Vianney, Quebec, in 1971.
- c) Work continues on collecting short articles on geomechanics and numerical analysis in Canada.
- d) Ian Moore to provide input on contributions to numerical analysis by Kerry Rowe.
- e) Bill Black will provide information on Frank Patton's early work on hydrogeology.
- f) Jean-Marie Konrad, VP Communications, and Wayne Gibson, CGS site administrator, to provide more promotion for the heritage collection on the home page of the CGS website, both in the English and French pages of the website.
- g) Work continues on asking prominent engineers "How did you first develop an interest in geotechnical engineering?"
- h) Link provided between CGS 'Members' web pages and Vancouver Geotechnical Society (VGS) local web site, which contains Proceedings of all the VGS annual symposia.
- i) Work continues on a document about the early work of PFRA, with possible reference to PFRA archives and a list of important PFRA publications.
- j) Work continues on providing background information on the contributions of Jack Mollard.
- k) Work continues on providing links from the CGS website to Canadian projects listed on the NGI electronic database.
- l) John Allan to provide unused photographs from the work of the Canadian Geological Foundation on a book about the Kananaskas Bow River Dam.
- m) Fred Matich to provide information on early work on oil sands development.
- n) Uploaded to the Heritage web pages the following information:

The 'Documents and Lectures' section now includes

- *The Bilingual Glossary of Landslide Terms*, produced by the CGS Landslides Committee; and,
- *Principles and Practice of Road-Making as Applicable to Canada*, written by Thomas Roy and published in Toronto in 1841. This is one of the earliest engineering publications in Canada.

The 'Photographic Collections' section now includes

- *Collapse of the Bridge over the Peace River at Taylor, British Columbia, in 1957*; and,
- *Failure and Righting of the Transcona Grain Elevator in 1913*.

The 'Information and Location for Archival Records' section now includes

- *Comments and Correspondence on the background of Thomas Roy*,
- *Documents and papers by and about Dr. Geoffrey Meyerhof*, which are stored at the Archives of the Dalhousie University Library in Halifax, Nova Scotia; and,
- *Documents and Papers by Dr. R.F. Legget*, which have been sent to the University Of Ontario Institute of Technology (UOIT) in Oshawa, Ontario, for safe storage.

The 'Recommended Reading' section now includes:

- *Additional lists of reference publications*, considered worth reading on the selected topics.

The 'Online Member Resources' section, accessible to active CGS members only, now includes

- *Audio-video record of the Hardy Lecture from the 2010 Annual CGS Conference*; and,
- *Proceedings of each annual Canadian Geotechnical Conference from 1947 (first) to 2010*.

Additional Information

Minutes of the annual meeting of the Heritage Committee in Toronto in 2011 uploaded to the CGS web site – Committee pages.

Technical Committee on Landslides - Corey Froese, Chair Report of Activities - July 1, 2011 to June 30, 2012

Executive Committee

The 2012 members of the Technical Committee on Landslides are:

Chair:	Corey Froese (Alberta Geological Survey)
Past-Chair:	Réjean Couture (Geological Survey of Canada, NRCAN)
Members:	Erik Eberhardt (University of British Columbia) Serge Leroueil (Université Laval)

Incoming Co-Chairs

I am pleased to announce that Michael Porter and Scott McDougall of BCG Engineering (Vancouver) have agreed to Co-chair the Landslide Committee. Their term will become effective at the 2012 CGS Conference in Winnipeg.

Activities

Joint 11th International Symposium on Landslides/2nd North American Conference on Landslides

After four years of planning, the Landslide Committee hosted the 11th International and 2nd North American Symposium on Landslides and Engineered Slopes. The event was held at the Banff Springs Hotel between June 3 and 8, 2012 and attracted 440 participants from 39 countries. The participants were treated to a strong technical program with over 260 presentations, including six keynote and seven invited lectures. In order to showcase the beauty and technical challenges of the Rocky Mountains the delegates took part in one of four mid-conference field trips through the mountains and foothills and a small group attended a post conference field trip to Turtle Mountain (Frank Slide) in southwestern Alberta. In order to provide our

international delegation with a flavour of Western Canadian culture the committee hosted a Western BBQ on the Tuesday evening, complete with music, campfires, a hoop dancer and line dancing.

The conference also provided an opportunity for the IAEG, CGS and AEG to honour some of our members with the following awards being presented at the Thursday Awards Luncheon:

Schuster Medal:	Derek Cornforth (USA)
Richard Wolters Prize:	Haralambos I. Saroglou (Greece)
Hans Cloos Medal:	Victor Osipov (Russia)

In addition to the awards the conference also hosted the First Heim Lecture, delivered by Prof. Eduardo E. Alonso (Universitat Politècnica de Catalunya, Barcelona, Spain). Prof. Alonso's lecture was titled "Deformation Analysis of Landslides: Progressive Failure, Rate Effects and Thermal Interactions".

At the closing to the conference the Chairman of the Joint Technical Committee on Natural Slopes and Landslides, Prof. Luciano Picarelli, announced that the 12th ISL would be held in Naples, Italy in June 2016.

2012 Schuster Medal

For the 4th 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 4th Schuster Medal was awarded to Dr. Derek Cornforth of Landslide Technology.

Transportation Geotechnique Committee - Tim Keegan, Chair ***Report of Activities - July 1, 2011 to June 30, 2012***

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 assessment and environmental issues

Executive Committee

The 2011-2012 Executive Committee of the TGC consists of the following members:

Chair: Tim Keegan

Vice-Chair: Roger Skirrow

Secretary: Don Lewycky

Past-Chair: Anne Poschman

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

Affiliations with Other Organizations

The TGC is a committee which functions under the Canadian Geotechnical Society (CGS). Representatives on this committee include regional representatives, geotechnical practitioners, government representatives and University researchers across the transportation community.

The TGC is affiliated with the Railway Ground Hazard Research and Development Program(RGHRP) Committee and the Landslide Committee, CGS for related subjects.

The chair of TGC is drafting the initial chapter of the RGHRP Guidelines entitled Railway Ground Hazard Classification and Characterization.

A number of our members are contributors to the Canadian National Landslide Guidelines.

In January 2012, the TGC participated with Elsevier Publishing out of Oxford England, in appraising a new international Journal Proposal - Transportation Geotechnology. The appraisal assessed the proposal, its merits, desirability, and attractiveness, as well as the potential durability. There has been no correspondence since the initial appraisal. If this Journal goes ahead it will provide the TGC an affiliation with an international Journal

List of Activities

CGS 2011 Conference, Toronto – There were three specialty sessions of the Transportation Geotechnique. Roger Skirrow chaired the sessions. A committee meeting was held after the specialty sessions.

Tim Keegan is the Transportation Geotechnique stream coordinator for the 2012 Winnipeg CGS conference. A healthy number of abstracts were received for the Winnipeg Conference which were high quality and covered a wide range of transportation geotechnique topics. It is anticipated there will be a minimum of two sessions 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 October at the CGS Conference. Tim Keegan extended his term as Chair of the TGC for one year (2012). A replacement for the chair position for 2013 has not been determined.

Professional Practice Committee - Kent Bannister, Chair
Report of Activities - July 1, 2011 to June 30, 2012

Introduction

The Professional Practice Committee (PPC) is on track to complete its objectives for this year. Since our last report we have held one specialty session at the Pan-Am conference in Toronto, published an article in Geotechnical News, updated the content on the new CGS web page to include past specialty session presentations, added two new members, and made a slight revision to our mandate.

We are presently preparing two specialty sessions for the 2012 CGS Conference which will be held in Winnipeg. Tentative topics for these sessions will be: professional development tips / professional practice issues for young engineers and a professional practice case studies session. We also have plans to submit an article to CGS news in the next few months.

Executive Committee

The 2011-2012 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 Marcia MacLellan

List of Activities

The PPC has set several objectives for 2011/12, and the status of each is provided below:

Objectives	Status
1. Continue the delivery of specialty sessions during the Canadian Geotechnical Conference (CGC);	Completed (one session held in Toronto titled: "Expert Witness or Litigant Expert?" How to prepare your reports to be (almost) litigation proof).
2. Publishing an article in the Geotechnical News in 2011;	Article published in Sept 2011 (Don't Rely On My Advice: A Practical Guide to Disclaimers).
3. Updating PPC information on the new CGS website;	Information was updated in December to include links to past presentations.
4. Arranging Specialty Sessions for 2012 CGC	2 sessions presently being planned.
5. Slight Modification to the PPC mandate.	Completed.
6. Expand membership to include representation from across the country	Welcomed 2 new members from Western Canada, would still like to see more members from the East. An email was sent to targeted Section Directors soliciting new members - this received a very limited response.
7. Publication of an article in Geotechnical News in 2012.	Underway.

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

Date	Activity / Event
August 2011	PPC executive conference call
October 2011	Specialty Session at the Pan-Am Conference

October 2011	PPC executive meeting
December 2011	PPC executive conference call
February 2012	PPC executive conference call
March 2012	PPC executive conference call
May 2012	PPC executive conference call
June 2012	PPC executive conference call

Financial Status

The PPC does have an operating budget and carries no expenses.

Additional Information

Welcome to Marcia MacLellan and Bob Patrick who have agreed to join our committee.

Technical Committee on Mining Geotechnique - Michel Aubertin, Chair Report of Activities - October 2011 to June 30, 2012

Introduction

The Technical Committee on Mining Geotechnique was recently created by CGS, following a motion approved by the Board of Directors on October 2nd, 2011, in Toronto.

Executive Committee

The 2011-2012 Executive, which contributed to this report, consists of the following members:

Chair: Michel Aubertin
Vice-Chair: Paul Simms
Members: Bruno Bussière, Murray Grabinsky, Gord McKenna, Dharma Wijewickreme, Ward Wilson

Mandate

The mandate, as proposed by the Executive, was defined as follow:

- 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 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.

This mandate will be officially approved at the next Technical Committee meeting during the GeoManitoba 2012 Conference (in Winnipeg).

Affiliations with Other Organizations

Discussions have been initiated to establish ties with other organizations that are active in the same field, including the Canadian Dam Association (CDA), the Canadian Institute of Mining, Metallurgy and Petroleum (CIM), and the Mining Association of Canada (MAC). The Technical Committee will then explore the possibility of organizing joint activities with these organizations.

Membership Information

The list of those who have expressed an interest now includes more than 25 members, in addition to the Executive identified above. It can be expected that others will join after the existence of the committee is better known.

List of Activities

A first official meeting of the Executive and of other colleagues was held in Toronto during the CGS-PanAm Conference. About 15 CGS members attended. The Executive members of the committee were selected, and a list of priorities was established. This information was included in the minutes of the meeting, which were distributed at large.

The members of the Executive Committee have been promoting the submission of Abstracts and organization of technical sessions at the upcoming CGS Conference in Winnipeg. This effort appears to have had a positive impact as the Chair of the Local Technical Committee, Kent Bannister, informed us that more than 20 Abstracts have been received. At this time (May 2012), it is not yet known how many papers have been submitted. A few members of the Executive will review these papers, and also help coordinate the content of sessions with the Local Committee.

A short article on the creation and activities of the Executive Committee has been prepared. It will be distributed to CGS members via Geotechnical News in an upcoming issue.

A key priority raised during the meeting held in Toronto is the need to involve the new generation of engineers and scientists, in Universities and in the market. In this regard, the Executive will be looking for younger colleagues to actively participate in the activities of the Technical Committee.

***Geotechnical Research Board - James Blatz, Chair
Report of Activities - July 1, 2011 to June 30, 2012***

Membership

The executive members of the Geotechnical Research Board (GRB) are: Dieter Stolle (Past Chair), James Blatz (Chair), Myint Win Bo, Jean Côté, Ian Fleming, Catherine Mulligan, Arun Valsangkar, Dharma Wijewickreme and Tai Wong.

List of activities

2012 Annual Activities

The GRB did not hold an annual meeting at the CGC conference in the fall of 2011 due to the Chair not being able to attend. A teleconference call was planned for the spring of 2012 but due to other commitments the Chair has resigned effective July 1, 2012 and as such no call was held. A space has been held for the GRB to meet at the 2012 CGC in Winnipeg under direction of the new chair.

2012 Colloquium Selection

Three strong candidates were nominated for the 2013 Colloquium. The selection committee, presided by the GRB Chair completed reviewing and ranking the different proposals following the rules adopted by the Society. The selection committee comprised the Technical Division Chairs, the Editor of the CGJ, and GRB members. The selection of the 2013 Colloquium speaker, to remain confidential, was finalized before mid-April, the winner being Paul Simms of Carleton University. An announcement will be made at the upcoming conference in Winnipeg.

In the coming two years, 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, policy groups and funding agencies to have CGS members play a more direct role in supporting those groups.

***Canadian Geotechnical Journal - Ian D. Moore, Editor
Report of Activities - January 1, 2011 to December 31, 2011***

During 2011, a total of 348 manuscripts were received (352 were received in 2010), with 141 published (126 articles; 11 notes; 4 discussions; 1 book review), up from 101 in 2010, though this might partly have resulted from further improvements in processing speed. Acceptance rate rose from 28% to 32% (it was 33% in 2009). The impact factor (an imperfect measure of journal quality, though one widely used) has risen once again and is now 0.867 (the 5-year impact factor is 1.041). This has risen almost every year since 2007 when it was less than half the current value. I would like the 2-year factor to be over 1.0 in order to remain competitive. We will maintain efforts to improve decision-making times as this is important if we are to continue attracting contributions from leading scholars and practitioners and is a simple means of improving impact factor without resorting to overt manipulation.

On April 1, 2012 I was appointed by Canadian Science Publishing to a second 5-year term as Editor.

The ScholarOne manuscript assessment system is working well, and now that the board members are familiar with the system our manuscript processing is mostly efficient and accurate. It allows me to identify the manuscripts held up in review, and motivate (nag) the individuals concerned. As usual, there has been some turnover on the Editorial Board and the current Associate Editors are David Airey, David Chan, Jean Côté, Yu-Jun Cui, Hesham El Nagggar, Rajah Gnanendran, Chris Haberfield, Bipul Hawlader, Oldrich Hungr, Buddhima Indraratna, Jayantha Kodikara, Craig Lake, Richard Merrifield, Hani Mitri, John Molson, David Muir Wood, Charles Ng, Kent Novakowski, Scott Olson, Jin Ooi, Ennio Palmerio, Ryan Phillips, Kerry Rowe, Charles Shackelford, Wayne Sauvigny, Jitendra Sharma, Daichao Sheng, Greg Siemens, Doug Stead, Andy Take, Richard Wan, Dharma Wijewickreme, and Jian-Hua Yin (17 Canadians and 15 other members from

Australia, the UK, the USA, Brazil, 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 Bruno Bussi re, Jos e Duchesne, and Hai-Sui Yu who completed their terms.

At the time of writing this report (July 2012) there has been a substantial increase in submissions relative to 2011 (250 by June 30 so about 500 projected for the year, or 44% more than 2011). For that reason I am working to expand the Board by up to 10 additional members. At the time of writing this report, it has expanded to 32 from 26, although Doug Stead and Kent Novakowski have indicated that they will step down in the next few months. We will also need to decrease the acceptance rate, and I plan to continue the emphasis on contributions with implications for practice rather than those of purely scholarly interest.

The peer review process is essential in maintaining the standard of our Journal. The Editorial Office truly appreciates the work performed by our reviewers.

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

CGS News - Phil Bruch, Editor
Report of Activities - July 1, 2011 to June 30, 2012

I have been the editor of CGS News in *Geotechnical News* for six years and have now reached the end of my second three-year term. I have contacted several individuals over the last year with respect to taking over the Editor's position, and I am recommending to the Executive Committee that Don Lewycky be named as my replacement. Don is very familiar with the CGS, having recently served as VP Finance.

Geotechnical News is 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 also posted on the CGS website by the CGS Administration (Wayne Gibson).

I would like to thank Bryan Watts, Victor Sowa and the Canadian Foundation for Geotechnique for their contributions to the column. Also, I greatly appreciate the support that I have received from the CGS executive and board.

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