

The Canadian  
Geotechnical Society



La Société Canadienne  
de Géotechnique

# AWARDS AND HONOURS MANUAL

Updated April 17, 2012  
Victor Sowa, Secretary General

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## A. GENERAL

Since the foundation of the Canadian Geotechnical Society, its members have made significant contributions to the advancement of geotechnology and geoscience. These contributions include fundamental and applied research, the relationship between research and practice, and the development of well-instrumented case studies that define the quality of design procedures. Society members have had considerable influence on the profession, both in Canada and in other countries.

Each year, the Society is pleased to recognize and publicize such contributions and achievements. The recognition is in the form of a family of awards, honours and prizes that are presented during the Awards Ceremony at the time of the annual Canadian Geotechnical Conference. Some of the awards are presented every second year, while others may or may not be awarded in a given year. Criteria for the awards are established by the Board of the Society with input from the Divisions where appropriate.

Funding for the various certificates and monetary awards is provided by the Canadian Foundation for Geotechnique through donations from CGS members and associated geotechnical companies.

The overall process of selecting winners of the various awards is the responsibility of the **CGS Executive Committee**. The Committee consists of:

Chair:	Incumbent CGS President
Members:	Vice-President Technical
	Vice-President Finance
	Vice-President Communications
	One representative of the Regional Directors
	One representative of the Chairs of the Technical Divisions

Responsibility for selecting winners of many of the awards (in particular, the Awards from the Canadian Geotechnical Journal, the Divisions, and the Education Committee) has been delegated to the corresponding units of the Society. These committees are identified in turn in following sections of this manual.

Presentations are made at the Awards Ceremony that takes place during the first morning of the Annual Canadian Geotechnical Conference. The ceremony follows the official opening of the conference and the R.M. Hardy Keynote Address. The Awards Ceremony is chaired by the President of the Society and is conducted using the sequence and procedures outlined under E - CGS Awards Ceremonies.

Following pages list details of the various Society awards, honours and prizes, as well as those of some other organizations for which Society members are eligible.

*Unless stated otherwise in the guidelines for an award, only CGS members resident in Canada, or other individuals who have provided an outstanding service to the Canadian geotechnical community, are eligible for any of the CGS awards.*

## B. CGS AWARDS

### B-1 R.F. LEGGET MEDAL

#### Criteria

The R.F. Legget Medal is the most senior and prestigious award of the Society. It is presented annually to an individual who has made significant personal contributions to:

- the development of an understanding in Canada of the inter-relationship of civil engineering and engineering geology through publications, research or professional society activities, or
- the development of theoretical and applied techniques to problems of national concern in the geotechnical field in Canada, or
- the supervision of geotechnical or civil engineering projects of importance to the Canadian economy, or
- the stimulation of geotechnical activities in Canada through the encouragement of co-workers, associates and students, or

- other achievements of permanent significance to the field of geotechnical engineering in Canada.

**Awards Committee**

The Awards Committee for the Legget Award is structured as follows:

- Chair: Incumbent CGS President
- Members: Vice-President Technical
- Vice-President Finance
- Vice-President Communications
- Editor, Canadian Geotechnical Journal
- Chair, Geotechnical Research Board
- One past Legget Medal winner invited to serve on an annual basis by the President

**Nomination for the Award**



Any member of the Society can submit names of a candidate for this most prestigious of the Society’s awards. The call for nominations appears in the March issue of the Geotechnical News. The submission must contain the curriculum vitae of the candidate(s) with special emphasis on those contributions, actions and activities that make the individual a worthy candidate for the award.

**Award and Funding**

The Award is in the form of an engraved medal produced by the Royal Canadian Mint and funded by the Canadian Foundation for Geotechnique from a legacy left by the late Dr. Legget. The recipient of the award also receives a framed certificate provided and paid for by the Society.

The R.F. Legget award has been presented annually since 1970. After Dr. Legget’s death in 1994, it was suggested that the previous honorarium should be replaced by a medal. This suggestion was strongly supported by Dr. Legget’s family. Subsequently, Dr. Michael Bozozuk designed the Legget Medal as a millennium project of the Canadian Foundation for Geotechnique. One face has Dr. Legget’s likeness, while the other has the CGS logo and the recipient’s name. The medal has thirteen ‘flats’ representing Canada’s ten provinces and three territories. It is made of sterling silver, toned and lacquered to prevent tarnishing. The first Legget Medal was presented during the 53rd Canadian Geotechnical Conference in Montréal in 2000. A list of past winners of the Legget award can be found at the end of this section.



The R.F. Legget Medal is funded by contributions to the Canadian Foundation for Geotechnique,  Les honoraires pour le medaille sont offerts par  'La Fondation Canadienne de Géotechnique

**Nomination/Selection Procedure and Schedule**

- Chair of the Awards Committee provides the Editor of CGS News with the text for call for nominations for the R.F. Legget Medal. January 1
- The call for nominations appears in the March issue of Geotechnical News. March
- Deadline for receipt by the CGS Secretariat of submissions for the R.F. Legget Medal. June 1
- Secretariat distributes nominations to the Chair of the Awards Committee who distributes nominations to Committee members.
- End of deliberations of the Awards Committee and choice of winner. Chair receives decision from Committee members. Chair finalizes results and advises Committee members, the Secretariat and the Canadian Foundation for Geotechnique (CFG) the name of the winner. CFG advises the Canadian Mint to engrave the Legget Medal. President advises winner. Secretary General prepares the Certificate. June 25 date determined by need to provide adequate time to engrave the Legget Medal. Name of winner to be kept confidential until presentation at Legget Luncheon. June 25

President and Secretary General write congratulatory letter to winner. Photograph of winner due.

July 15

### Presentation

The President presents the Award at the Legget Medal Luncheon on the first day of the Annual Canadian Geotechnical Conference. The winner is introduced by selected colleague and the winner will be invited to speak in response to the award (see Section E-2 at the end of this document).

### Notes:

- Names of unchosen nominees for the Award remain on file and will be considered each year for a three-year period. After this time, their names are removed from the list.
- Information about the **Legget Medal Dinner** can be found in section E-3 at the end of this document.

### Recipients of Legget Award (From 2000, the award became the Legget Medal)

1970	Robert Peterson (deceased)	1971	Robert M. Hardy (deceased)
1972	Norman W. McLeod (deceased)	1973	Victor Milligan (deceased)
1974	G. Geoffrey Meyerhof (deceased)	1975	Carl B. Crawford (deceased)
1976	Anthony G. Stermac (deceased)	1977	Pierre Larochelle
1978	Donald H. MacDonald (deceased)	1979	Norbert R. Morgenstern
1980	Roger Brown (deceased)	1981	Branko Ladanyi
1982	Donald J. Bazett (deceased)	1983	Jack I. Clark (deceased)
1984	Laval Samson	1985	John I. Adams
1986	M.A.J. (Fred) Matich	1987	C.F. (Charlie) Ripley (deceased)
1988	William A. (Bill) Trow (deceased)	1989	Kwan Yee Lo
1990	Earl J. Klohn	1991	Robert M. Quigley (deceased)
1992	Jack D. Mollard	1993	Raymond N. Yong
1994	Michael Bozozuk	1995	François A. Tavenas (deceased)
1996	John L. Seychuk	1997	Gordon C. McRostie
1998	Delwyn G. Fredlund	1999	C.O. (Chuck) Brawner
2000	Donald H. Shields	2001	James (Jim) Graham
2002	Raymond P. (Ray) Benson	2003	R. Kerry Rowe
2004	Guy Lefebvre	2005	John Krahn
2006	Owen L. White	2007	Suzanne Lacasse
2008	John F. Gartner	2009	David M. Cruden
2010	Dennis E. Becker	2011	W. D. Liam Finn

### B-2 R.M QUIGLEY AWARD (Until 1995, the CGS PRIZE)

#### Criteria

The R.M Quigley Award is awarded annually to an individual or individuals whose paper was judged to be the best paper published during the preceding year in the Canadian Geotechnical Journal. (The Colloquium Address and the R.M. Hardy Keynote Address do not qualify for this prize.)

#### Award Selection Committee

Chair: Editor, Canadian Geotechnical Journal

Members: Editorial Board, Canadian Geotechnical Journal

### Award and Funding

The R.M. Quigley Award is a framed certificate provided and paid for by the Society.

### Nomination/Selection Procedure and Schedule

Editor Canadian Geotechnical Journal requests selection and ranking of three best papers from Associate Editors to be completed by May 15. Editor responsible for following schedule	April 1
Associate Editors to submit their selections and rankings to the Editor.	May 15
Editor collates the results of the selections made by the Associate Editors and submits the final selection and ranking of (normally) the three best papers to President and CGS Secretariat. The submission also includes contact information about the Corresponding Author for each of the papers. (In case of problems the Editor arranges a second round of voting.)	June 1
President reviews all inputs and confirms the choices of the Award Selection Committee. President advises the Editor of the Canadian Geotechnical Journal and the Secretariat of the final ranking of the winner and (normally) two runners-up. Editor shares this information with the Editorial Board. Editor assists in arranging for photographs of winners by June 20.	June 10
President writes congratulatory letter to winner(s) and runners-up. Photographs of winners due.	June 20
Secretariat commences preparing certificates	July 1

### Presentation

Presentation of the Award is done by the Editor of The Canadian Geotechnical Journal during the Awards Ceremony at the annual Canadian Geotechnical Conference

### CGS Prize Winners (1975-1994)

- 1973 M.Bozozuk**  
"Downdrag Measurements On A 160-Ft Floating Pipe Test Pile In Marine Clay" - Canadian Geotechnical Journal 9,127-136
- 1974 J.I.Clark and G.G.Meyerhof**  
"The Behavior of Piles Driven in Clay" – Canadian Geotechnical Journal **10**, 86-102
- 1975 P.LaRochelle, B.Trak, F.Tavenas and M.Roy**  
"Failure of a Test Embankment On Sensitive Champlain Clay Deposit" - Canadian Geotechnical Journal **11**, 142-164
- 1976 P.E.Grattan-Bellew and W.J.Eden**  
"Concrete Deterioration and Floor Heave due to Biogeochemical Weathering of Underlying Shale" - Canadian Geotechnical Journal **12**, 372-378
- 1977 H.K.Mittal and N.R.Morgenstern**  
"Seepage Control in Tailings Dams" - Canadian Geotechnical Journal **13**, 277-293
- 1978 R.A.L.Hodge and R.A.Freeze**  
"Groundwater Flow Systems and Slope Stability" - Canadian Geotechnical Journal **14**, 466-476
- 1979 S.Leroueil and F.Tavenas**  
"Construction Pore Pressures In Clay Foundations Under Embankments - Part II: Generalized Behaviour" - Canadian Geotechnical Journal **15**, 66-82
- 1980 J.L.Jaspar and N.Peters**  
"Foundation Performance of Gardiner Dam" - Canadian Geotechnical Journal 16, 758-788

- 1981 R.M.Quigley**  
"Geology, Mineralogy, and Geochemistry of Canadian Soft Soils: A Geotechnical Perspective" - Canadian Geotechnical Journal **17**, 261-285
- 1982 K.Y.Lo and C.M.K.Yuen**  
"Design of Tunnel Lining In Rock For Long Term Time Effects" - Canadian Geotechnical Journal **18**, 24-39
- 1983 K.A.Morin, J.A.Cherry, T.P.Lim and A.J.Vivyrka**  
"Contaminant Migration In A Sand Aquifer Near An Inactive Uranium Tailings Impoundment, Elliot Lake, Ontario" - Canadian Geotechnical Journal **19**, 49-61
- 1984 R.K.Rowe, K.Y.Lo and G.J.Kack**  
"A Method Of Estimating Surface Settlement Above Tunnels Constructed in Soft Ground" and "A Theoretical Examination of Settlements Induced By Tunneling: Four Case Histories" - Canadian Geotechnical Journal **20**, 11-22 and 299-314
- 1985 J.M.Konrad and N.R.Morgenstern**  
"Frost Heave Prediction Of Chilled Pipelines Buried In Unfrozen Soils" - Canadian Geotechnical Journal **21**, 100-115
- 1986 T.C.Kenney and D.Lau**  
"Internal Stability Of Granular Filters" - Canadian Geotechnical Journal **22**, 215-225
- 1987 Robert M.C.Ng, K.Y.Lo, and R.K.Rowe**  
"Analysis of Field Performance -The Thunder Bay Tunnel" Canadian Geotechnical Journal **23**, 30-50,
- 1988 R.M.Quigley, F.Fernandez, E.Yanful, T.Helgason, A.Margaritis and J.L Whitby**  
"Hydraulic Conductivity of Contaminated Natural Clay Directly Below a Domestic Landfill" Canadian Geotechnical Journal **24**, 377-383,
- 1989 R.C.K.Wong and P.K.Kaiser**  
"Design and Performance Evaluation of Vertical Shafts; Rational Shaft Design Method and Verification of Design Method" Canadian Geotechnical Journal **25**, 320-337.
- 1990 J.A.Sladen and K.J.Hewitt**  
"Influence of Placement Method on the In Situ Density of Hydraulic Sand Fills" Canadian Geotechnical Journal **26**, 453-466,
- 1991 T.K.Law, Y.L.Cao and G.N.He**  
"An Energy Approach for Assessing Seismic Liquefaction Potential" Canadian Geotechnical Journal **27**, 320-329.
- 1992 G.A.Misfeldt, E.K.Sauer, E.A.Christiansen**  
"The Hepburn Landslide: An Interactive Slope-Stability and Seepage Analysis" Canadian Geotechnical Journal **28**, 556-573,
- 1993 Bernard H.Kueper, C.Stephan Haase and Helen L.King**  
"Leakage of dense, nonaqueous phase liquids from waste impoundments constructed in fractured rock and clay: theory and case history." Canadian Geotechnical Journal **29**, 234-244.
- 1994 K.S.King, R.M.Quigley, F.Fernandez, D.W.Reades, Bacopoulos**  
"Hydraulic Conductivity and Diffusion Monitoring of the Keele Valley Landfill Liner, Maple, Ontario". Canadian Geotechnical Journal **30**, 124-134.

#### **R. M. Quigley Award Winners (1995 - )**

- 1995 S.G.Evans, O.Hungr, E.G.Enegren**  
"The Avalanche Lake rock avalanche, Mackenzie Mountains, Northwest Territories, Canada: description, dating and dynamics" Canadian Geotechnical Journal **31**, 779-787.
- 1996 C.B.Crawford, R.J.Fannin, C.B.Kern**  
"Embankment failures at Vernon, British Columbia" Canadian Geotechnical Journal **32**, 271-284

- 1997 Z. Cai and R. Bathurst**  
"Seismic-induced permanent displacement of geosynthetic reinforced segmental retaining wall"  
Canadian Geotechnical Journal **33**, 937-955.
- 1998 Munro, I.R.P., Mac Quarrie, K.T.B, Valsangkar, A.J., Kan, K.T.**  
"Migration of landfill leachate into shallow clay till in southern New Brunswick: a field modelling investigation". Canadian Geotechnical Journal **34**, 204-219.
- 1999 Wedage, A.M.P., Morgenstern, N.R., and Chan, D.H.**  
"Simulation of time-dependent movements in Syncrude tailings dyke foundation."  
Canadian Geotechnical Journal **35**, 284-289.
- 2000 G.J. Pauls, E.Karl Sauer, E.A. Christiansen and R.A. Widger.**  
"A transient analysis of slope stability following drawdown after flooding of a highly plastic clay."  
Canadian Geotechnical Journal **36**, 1151-1171.
- 2001 P.K. Robertson, C.E. (Fear) Wride, B.R. List, U. Atukorala, K.W. Biggar, P.M. Byrne, R.G. Campanella, D.C. Cathro, D.H. Chan, K. Czajewski, W.D.L. Finn, W.H. Gu, Y. Hammamji, B.A. Hofmann, J.A. Howie, J. Hughes, A.S. Imrie, J-M. Konrad, A. Kupper, T. Law, E.R.F. Lord, P.A. Monahan, N.R. Morgenstern, R. Phillips, R. Piche, H.D. Plewes, D. Scott, D.C. Seago, J. Sobkowicz, R.A. Stewart, B.D. Watts, D.J. Woeller T.L. Youd, and Z. Zavodni.**  
"The CANLEX Project: Summary and Conclusions." Canadian Geotechnical Journal **37** pp.563-591
- 2002 L.Morissette, Michel W. St-Louis, and G.C.McRostie.** "Empirical settlement predictions in overconsolidated Champlain Sea clays. Canadian Geotechnical Journal **38**, 720-731.
- 2003 S.M. Olson and T.D. Stark.** "Liquefied strength ratio from liquefaction flow failure case histories. Canadian Geotechnical Journal **39**, 1005-1015.
- 2004 J. Chu, S. Leroueil, and W.K. Leong.** "Unstable behaviour of sand and its implication for slope instability." Canadian Geotechnical Journal **40**, 873-550.
- 2005 J.A.Blatz, N.J.Ferreira, and J. Graham.** "Effects of near surface environmental conditions on instability of an unsaturated soil slope." Canadian Geotechnical Journal **41** 1111-1126.
- 2006 J.L.H. Grozic, S.M.R. Imam, P.K. Robertson and N.R. Morgenstern.** "Constitutive modeling of gassy sand behaviour." Canadian Geotechnical Journal **42**, 812-829
- 2007 R.J. Bathurst, Nicholas Vlachopoulos, Dave L. Walters, Peter G. Burgess, and Tony M. Allen.**  
"The influence of facing stiffness on the performance of two geosynthetic reinforced soil retaining walls." Canadian Geotechnical Journal **43**, 1225-1237.
- 2008 Yoshihisa Miyata and Richard J. Bathurst.** "Development of the K- stiffness method for geosynthetic reinforced soil walls constructed with c-o soils" Canadian Geotechnical Journal **44**, 1391-1416.
- 2009 Daichao Sheng, Delwyn G. Fredlund, Antonio Gens.** "A new modeling approach for unsaturated soils using independent stress variables." **45**, 511-534.
- 2010 Peter Robertson.** "Interpretation of cone penetration tests - a unified approach." **46**, 1337-1355.
- 2011 R.W.I. Brachman, H.A. McLeod, I.D. Moore, and W.A. Take.** "Three-dimensional ground displacements from static pipe bursting in stiff clay." **47** 439-450

### **B-3 G. GEOFFREY MEYERHOF AWARD (Soil Mechanics and Foundations Division)**

Unless stated otherwise in the guidelines for an award, only CGS members resident in Canada, or other individuals who have provided an outstanding service to the Canadian geotechnical community, are eligible for any of the CGS awards.

#### **General**

The award was established in 1993 to honour Professor G. Geoffrey Meyerhof, the first President of the Canadian Geotechnical Society, for his outstanding life-long contributions to the Society and the profession, and for his numerous achievements that have received worldwide recognition. The award is presented annually.

### **Criteria**

The G.G. Meyerhof Award honours an individual for outstanding and significant contributions to the art and science of foundation engineering. Contributions can be either theoretical or practical. They can be novel design or construction methods, practices and equipment; or innovative usage of existing ones. They can be any other contributions that have significantly advanced the art and science of foundation engineering.

### **Award Nomination Committee**

The Chair of the CGS Soil Mechanics and Foundations Division shall form a nomination committee comprised of Division members who will nominate candidates for the G.G. Meyerhof Award. The Chair does not nominate candidates. To guard against the possibility that no nominations are received from the members-at-large, the Committee shall nominate at least one nominee by **May 15**. Nominations for the award are not restricted to recommendations by this committee.

### **Award Selection Committee**

The Award Selection Committee will comprise a Chair (non-voting) and three other (voting) members. The Chair of the Soil Mechanics and Foundations Division shall serve as the Chair of the Award Selection Committee. The Chair will organize the activities of the Award Selection Committee but will not vote on the selection of the winner. Award Selection Committee shall consider the nominations submitted by the Award Nomination Committee, as well as nominations from the membership-at-large. The award winner will be decided by a majority vote of the three voting members. The Award Selection Committee may decide not to give an award.

### **Award and funding**

The award is in the form of a framed certificate provided and paid for by the Canadian Foundation for Geotechnique.

### **Nomination/Selection Procedure and Schedule**

Call for nominations appear, each year, in the March issue of CGS News in Geotechnical News. March  
Any society member can submit an appropriately documented nomination.

Nominations by the Award Nomination Committee to be completed by May 15 May 15

Deadline for receipt of nominations by the Secretariat from members-at-large and from Chair June 1  
Award Nomination Committee to Chair, Division's Award Selection Committee.

End of deliberation of the Award Selection Committee and submittal of decisions to the Chair, July 1  
Soil Mechanics and Foundations Division. (All this can be done by phone, fax or e-mail). Chair advises Committee members, the President and the Secretariat of the name and contact information for the winner. Chair also advises the winner verbally. Photograph and a 100-120 word citation (reason for winning the award) required from Chair by July 10.

Photograph and a 100-120 word citation required from Chair by July 10. July 10

Chair follows up and advises the winner in writing and encourages the winner to attend the Awards July 15  
presentation (also asks for confirmation). The President and Secretary General also contact the winner with information about the ceremony.

### **Presentation of the Award**

The Chair of the Soil Mechanics and Foundations Division presents the Award to the winner at the Awards Ceremony during the annual Canadian Geotechnical Conference.

### **Note:**

The names of candidates nominated for the award remain on file for a three-year period. After this time, the names of unsuccessful candidates are removed from the list.

## Recipients of the G. Geoffrey Meyerhof Award

1995	M. Novak (posthumously)
1996	J.I. Clark
1997	B.H. Fellenius
1998	William E. Lardner
1999	Oscar Dascal
2000	T. Cameron Kenney
2001	Keith Kosar, Dave Walter, Bill Burwash, Dennis Becker
2002	Hesham El Naggar
2003	Arun Valsangkar
2004	W.D. (Liam) Finn
2005	Peter M. Byrne
2006	Jean-Louis Briaud
2007	Vincenzo Silvestri
2008	Fred H. Kulhawy
2009	Ian D. Moore
2010	Adel M. Hanna
2011	Ryan Phillips

## B-4 THOMAS ROY AWARD (Engineering Geology Division)

Unless stated otherwise in the guidelines for an award, only CGS members resident in Canada, or other individuals who have provided an outstanding service to the Canadian geotechnical community, are eligible for any of the CGS awards.

### General

To honour the memory of Thomas Roy, the Society's Engineering Geology Division established in 1982 an award carrying his name. Thomas Roy may well have been North America's first engineering geologist (Legget, 1973). Little is known of his early life. A letter from James Kerby, Fort Erie Mills, to Lt. Col. William Rowan, Secretary to Lieutenant Governor Sir John Colborne, 15 July 1834, introduces "Mr. Roy from Scotland, who has come to Canada with a view to settling and to make himself as useful as he can as an engineer." (National Archives of Canada [hereafter NAC], U.C. Sundries, RG 5, A-1, pp. 78074-75). He lived in Toronto, Ontario from 1834 until his death in 1842 and worked on many projects associated with roads, canals and railways. His obituary showed that he "not only planned and carried into execution the various public improvements which have raised this city (Toronto) to its present state of prosperity, but he has for years employed himself in examining into the geological features of this Province..."

Additional information about Thomas Roy can be found in the following paper:  
Robert F. Legget 1988. "Thomas Roy and his 'Remarks on road-making' (1841)". Canadian Geotechnical Journal 25, 1-12.

Further archival information may be obtained from the Secretary General (/heritage/01Mar Otto re Thomas Roy).

### Selection Criteria/Critère de Sélection:

The award is presented each year to honour an outstanding contribution to the field of Engineering Geology in Canada.

Le prix est remis afin d'honorer une contribution exceptionnelle au domaine de la Géologie de l'Ingénieur au Canada.

### Eligibility/Éligibilité:

Eligible are persons residing in Canada who contribute to the field of Engineering Geology in Canada through a landmark publication that has had important and lasting impact on the field; or a recent publication which represents an outstanding contribution to engineering geology, his/her excellence along his/her career, or his/her involvement in the promotion of Engineering Geology in Canada (for example in the education for Engineering Geology).

Éligibles sont les personnes résidant au Canada qui contribuent au domaine de la Géologie de l'Ingénieur par une publication exceptionnelle, leur excellence dans leur carrière, leur implication dans la promotion de la Géologie de l'Ingénieur au Canada (e.g. éducation).

#### **Award Nomination Committee**

The Chair, Engineering Geology Division shall form a nomination committee comprised of Division members who will nominate candidates for the Thomas Roy Award. The Chair does not nominate candidates. To guard against the possibility that no nominations are received from the members-at-large, the Committee shall nominate at least one nominee by May 15. Nominations for the award are not restricted to recommendations by this committee.

#### **Award Selection Committee**

The Thomas Roy Award Committee is composed of the incumbent Chair of the Engineering Geology Division, the immediate Past Chair, and two Divisions members-at-large. The incumbent Chair acts as the Chair of the Committee and will organize the activities but does not vote on the selection of the winner. The Award Selection Committee shall consider the nominations submitted by the Award Nomination Committee, as well as nominations from the membership-at-large. The award winner will be decided by a majority vote of the three voting members. The Award Selection Committee may decide not to give an award.

#### **Award and Funding**

The Award is the form of a framed certificate, provided and paid for by the Canadian Foundation for Geotechnique

#### **Nomination/Selection Procedure and Schedule**

Call for nominations appear, each year, in the March issue of CGS News in Geotechnical News. March  
Any society member can submit an appropriately documented nomination.

Nominations by the Award Nomination Committee to be completed by May 15 May 15

Deadline for receipt of nominations by the Secretariat from the members-at-large and from the Awards Nomination Committee, all to Division Chair. All nominations distributed to Chair of the Award Selection Committee. June 1

End of deliberation of the Selection Committee and submittal of decisions to the Chair. July 1  
(All this can be done by phone, fax or e-mail). Chair advises Committee members, the President and the Secretariat of the name and contact information for the winner. Chair also advises winner verbally. Photograph and a 100-120 word citation (reason for winning the award) required from Chair by July 10

Photograph and a 100-120 word citation (reason for winning award) required from Chair by July 10. July 10

Chair follows up and advises the winner in writing and encourages the winner to attend the Awards July 15  
presentation (also asks for confirmation). The President and Secretary General also contact the winner with information about the ceremony.

#### **Presentation**

The Award is presented by the Chair of the Engineering Geology Division during the Awards Ceremony at the annual Canadian Geotechnical Conference. In years when there is an International Conference, the Thomas Roy Award may be presented at that Conference.

#### **Note:**

The names of candidates nominated for the award remain on file for a three-year period. After this time the names of unsuccessful candidates are removed from the list.



- 1993 David M. Cruden and Z.Y. Lu**  
The rock slide and debris flow from Mt. Cayley, BC in June 1984 Canadian Geotechnical Journal, Vol. 29, No 4. pp. 614-626, August 1992.
- 1994 E. Karl Sauer, Anne K. Egeland & E.A. Christiansen.**  
Compression characteristics and index properties of tills and intertill clays in Southern Saskatchewan." Canadian Geotechnical Journal, Vol. 30, No 2, pp. 257-275.
- 1995 (No Award)**
- 1996 Owen White**
- 1997 David M. Cruden**
- 1998 Doug F. Van Dine**
- 1999 Alan Gorman**
- 2000 John Gartner**
- 2001 Emery Zoltan Lajtai**
- 2002 Gérard Ballivy**
- 2003 Jacques Locat**
- 2004 Stephen G. Evans.**
- 2005 John A. Franklin**
- 2006 Duncan Wyllie**
- 2007 Evert Hoek**
- 2008 Douglas Stead**
- 2009 Arash Eshraghian, C. Derek Martin, Norbert R. Morgenstern**
- 2010 Réjean Couture**
- 2011 (No Award)**

#### **B-5 ROGER J.E. BROWN AWARD (Cold Regions Geotechnology Division)**

Unless stated otherwise in the guidelines for an award, only CGS members resident in Canada, or other individuals who have provided an outstanding service to the Canadian geotechnical community, are eligible for any of the CGS awards.

#### **General**

The Society established this award in 1986 to honour the memory of the renowned Canadian researcher in the field of permafrost, Roger J.E. Brown who died in 1980.

#### **Frequency**

The award will be given biennially. It is currently presented in even-numbered years – 2004, 2006, etc

#### **Criteria**

The award is presented bi-annually:

- a) to an individual (preferably Canadian) for publishing the best paper on permafrost science or engineering in
  - Canadian Geotechnical Journal, or
  - Canadian Journal of Earth Sciences, or
  - Proceedings of National or International Permafrost Conferences, or
- b) to honour an individual for his/her excellence in the field of permafrost.

### **Award Nomination Committee**

The Chair, Cold Regions Geotechnology Division shall form a nomination committee comprised of Division members who will nominate candidates for the Roger J.E. Brown Award. The Chair does not nominate candidates. To guard against the possibility that no nominations are received from the members-at-large, the Committee shall nominate at least one nominee by May 15. Nominations for the award are not restricted to recommendations by this committee.

### **Award Selection Committee**

The Award Selection Committee will comprise a Chair (non-voting) and three other (voting) members. The Chair, Cold Regions Geotechnology Division shall serve as the Chair of the Award Selection Committee. The Chair will organize the activities of the Award Selection Committee but will not vote on the selection of the winner. Award Selection Committee shall consider the nominations submitted by the Award Nomination Committee, as well as nominations from the membership-at-large. The award winner will be decided by a majority vote of the three voting members. The Award Selection Committee may decide not to give an award.

### **Award and Funding**

The Award is a metal plaque mounted on wood, provided and paid for by the Canadian Foundation for Geotechnique.

### **Nomination/Selection Procedure and Schedule**

Call for nominations appear, each year, in the March issue of CGS News in Geotechnical News. Any society member can submit an appropriately documented nomination.	March
Nominations by the Award Nomination Committee to be completed by May 15.	May 15
Deadline for receipt of nominations by the Secretariat from members-at-large and from the Awards Nomination Committee to Division Chair. All nominations distributed to the Chair of the Awards Selection Committee.	June 1
End of deliberation of the Selection Committee and submittal of decisions to the Chair. (All this can be done by phone, fax or e-mail). Chair advises Committee members, the President and the Secretariat of the name and contact information for the winner. Photograph and a 100-120 word citation (reason for winning the award) required from Chair July 10.	July 1
Photograph and a 100-120 word citation required from Chair by July 10.	July 10
Chair advises the winner verbally, with a follow up in writing and encourages the winner to attend the Awards presentation (also asks for confirmation). The President and Secretary General also contact the winner with information about the ceremony.	July 15

### **Presentation of the Award**

The Chair of the Cold Regions Geotechnology Division presents the Plaque to the winner at the Awards Ceremony during the annual Canadian Geotechnical Conference.

#### **Note:**

The names of candidates nominated for the award remain on file for a three-year period. After this time the names of unsuccessful candidates are removed from the list.

### **Recipients of the Roger J.E. Brown Award**

<b>1986</b>	<b>J. Ross Mackay</b>
<b>1987</b>	<b>K.Wayne Savigny and Norbert R. Morgenstern</b>
<b>1988</b>	<b>J.F. (Derick) Nixon</b>
<b>1989</b>	<b>Hugh M. French</b>
<b>1990</b>	<b>G.H. (Hank) Johnston</b>
<b>1991</b>	<b>Don W. Hayley</b>

1992	<b>P.L. Kurfurst and S.R. Dallimore</b>
1993	<b>Branko Ladanyi</b>
1994	<b>Kevin W. Biggar and David C. Segó</b>
1995	<b>Alan J. Hanna, Jim M. Oswell, E.C. McRoberts, J.D. Smith, T.W.Pridel</b>
1996	<b>Elizabeth Hivon and David C. Segó</b>
1997	<b>Jack I. Clark</b>
1998	<b>Michel Allard</b>
1999	<b>Alan Heginbottom</b>
2000	<b>Jean-Marie Konrad</b>
2001	(Not awarded in 2001)
2002	<b>Peter Williams</b>
2003	<b>Lorne Gold</b>
2004	(Not awarded in 2004)
2005	<b>Jean Côté and Jean-Marie Konrad.</b> <b>"A generalized thermal conductivity model for soils and construction materials" Can. Geotech. J./Rev. Can. Geotech. 42(2): 443-458 (2005)</b>
2006	<b>Jack D. Mollard</b>
2007	<b>Christopher Burn</b>
2008	<b>Margo Burgess</b>
2009	(Not awarded in 2009)
2010	<b>Lukas U. Arenson</b>

## **B-6 JOHN A. FRANKLIN AWARD (Rock Mechanics Division)**

Unless stated otherwise in the guidelines for this award, eligibility for the award is restricted to either:

1. CGS members (need not be resident in Canada), or
2. other individuals, resident in Canada, who have provided an outstanding service to the Canadian geotechnical community.

See explanatory notes on "Eligibility" below.

### **General**

Established in 1993, the Award honours the past President of the International Society for Rock Mechanics (ISRM), John A. Franklin, for his outstanding contributions to the Canadian and international rock mechanics community, and to the Canadian Geotechnical Society. First awarded under the present rules in the year 2000, the award recognizes an individual who has recently made an outstanding and published technical contribution in the fields of rock mechanics or rock engineering in Canada and/or internationally.

### **Frequency**

The award will be given biennially (or may be deferred for one year at the discretion of the awards committee). It is currently presented in odd-numbered years – 2003, 2005, etc.

### **Award Nomination Committee**

The Chair of the CGS Rock Mechanics Division shall strike a nomination committee comprised of Division members who will nominate candidates for the John A. Franklin Award. The Chair does not nominate candidates. To guard against the possibility that no nominations are received from the members-

at-large, the Committee shall nominate at least one nominee by May 15. Nominations for the award are not restricted to recommendations by this committee.

### **Criteria**

The award is based on an outstanding technical contribution to the application of the principles of rock mechanics and/or rock engineering in civil, mining, petroleum engineering. The contribution may be theoretical or practical. Case studies are also eligible. The contribution shall be in the form of any of the following:

- a technical publication in the Canadian Geotechnical Journal, or
- a technical publication in an official journal of the International Society for Rock Mechanics, or
- a technical publication in any other peer-reviewed technical journal, or
- a book or chapter of a book, or
- a keynote or invited lecture published in the proceedings of a conference of a learned society, or
- a collection of recent publications (including conference proceedings) which in a collective manner constitute a significant contribution.

The contribution must have been published in the two calendar years preceding the award year or in the year of the award and must represent a high standard of:

- scientific or applied research, or
- rock engineering (i.e. case history), or
- technology transfer and education.

### **Award Selection Committee**

The Award Selection Committee will comprise a minimum of three and a maximum of five (voting) members of the CGS Rock Mechanics Division. In addition, the Chair of the Rock Mechanics Division shall serve as the non-voting Chair of the Award Selection Committee. Past recipients of the award shall be invited to serve on the committee. A minimum of three members is required for a recognized award selection. When the number of voting members is five, new recipients of the award will replace longer serving members of the awards committee. The RMD Chair will organize the activities of the Award Selection Committee but will not vote on the selection of the winner. Award Selection Committee shall consider the nominations submitted by the Award Nomination Committee, as well as nominations from the membership-at-large. The award winner will be decided by a majority vote of voting members. In the event that the award committee has only four members a split vote will be settled through a deciding vote from the chair. In this event or at any other time, the Award Selection Committee may also decide not to give an award.

### **Eligibility**

Preference is given to CGS members normally resident in Canada or with a history of residence in Canada. Otherwise, any CGS member is eligible, although in this case, emphasis will be placed on publication in Canadian journals. In exceptional circumstances a non-CGS member resident in Canada, who has made a substantial and published contribution in the field may be considered for this award. (In such a case the recipient would be encouraged to become a member.) The Chair of the CGS Rock Mechanics Division, members of the award selection committee and past recipients of the award are not eligible for the award. Only one individual may be awarded the Franklin Award in a given year. In the case of multiple authorship of an eligible publication, emphasis is placed on the collective body of recent publications of the individual authors in determining the award recipient.

### **Award and Funding**

The award is in the form of a framed certificate presented to the recipient, provided and paid for by the Canadian Foundation for Geotechnique.

### **Nomination/Selection Procedure and Schedule**

Selection of members of Award Nomination Committee and members of Award Selection Committee at Annual Division meeting.

Sept –  
October

Open call for nominations in the year of the award. Call appears in March issue of Geotechnical News. Any CGS member can submit a nomination. The nomination must include a clear statement of the suitability of the nomination for the award. In the case of a paper or papers, these must be included with the nomination statement. This includes a full paper or electronic copy distributed to the committee unless the paper is in a widely accessible journal. In this latter case the full reference for the paper will suffice. The nomination must include a full curriculum vitae (CV) if possible or at the very least a summary curriculum vitae covering the last three years of publications and activities.

**Nomination/Selection Procedure and Schedule**

Call for nominations appear, each year, in the March issue of CGS News in Geotechnical News. Any society member can submit an appropriately documented nomination.	March
Nominations by the Award Nomination Committee to be completed by May 15	May 15
Deadline for receipt of nominations by the Secretariat, and Secretariat forwards nominations to Chair of the Division. Chair distributes nominations from Award Nomination Committee, and including nominations from members-at-large to the Division Award Selection Committee.	June 1 <del>June 30</del>
End of deliberations of the Award Selection Committee and submittal of decisions to the Chair, Award Selection Committee. (All this can be done by phone, fax or e-mail). Chair of Selection Committee advises Selection Committee, the President and the Secretariat of the choice of winner (if any), and also the winner, and provides the winner's contact information.	July 1 June 10
Photograph and a 100-120 word citation (reason for winning the award) required from Chair by July 10.	July 15 <del>July 10</del>
Chair follows up in writing and encourages the winner to attend the Awards presentation (also to obtain confirmation). The President and Secretary General also contact the winner with information about the ceremony.	July 15 Aug 15

**Presentation**

The award is presented by the Chair of the CGS Rock Mechanics Division during the Awards Ceremonies at the annual Canadian Geotechnical Conference in the year of the award.

**Note:**

The names of candidates nominated for the award remain on file for a three-year period. After this time, the names of unsuccessful candidates are removed from the list.

**Recipients of the John A. Franklin Award**

- |             |                           |
|-------------|---------------------------|
| <b>1994</b> | <b>P.K. Kaiser</b>        |
| <b>1995</b> | (Not Awarded)             |
| <b>1996</b> | <b>Derek Martin</b>       |
| <b>1997</b> | (Not Awarded)             |
| <b>1998</b> | <b>Maurice Dusseault</b>  |
| <b>1999</b> | <b>Michel Aubertin</b>    |
| <b>2000</b> | (not awarded)             |
| <b>2001</b> | <b>John Hadjigeorgiou</b> |
| <b>2003</b> | <b>Jean Hutchinson</b>    |
| <b>2005</b> | <b>R. Paul Young</b>      |
| <b>2007</b> | <b>Mark S. Diederichs</b> |
| <b>2009</b> | <b>Douglas Stead</b>      |

2011

Peter F. Stacey

## **B-7 GEOSYNTHETICS AWARD (Geosynthetics Division)**

Unless stated otherwise in the guidelines for an award, only CGS members resident in Canada, or other individuals who have provided an outstanding service to the Canadian geotechnical community, are eligible for any of the CGS awards.

### **General**

The award has been established starting in the year 2000 to recognize an individual or individuals who have made an outstanding technical contribution to the use of geosynthetics in Canada and/or internationally.

### **Frequency**

The award will be given biennially. It is currently presented in even-numbered years – 2004, 2006, etc.

### **Criteria**

The award is based on an outstanding technical contribution to the application of geosynthetics in civil, geotechnical or Geoenvironmental engineering. The contribution may be theoretical or practical. Case studies are also eligible. The contribution shall be one of:

- a) a technical publication in the Canadian Geotechnical Journal
- b) a technical publication in an official journal of the International Geosynthetics Society
- c) a technical publication in any other peer-reviewed technical journal
- d) a book or chapter of a book
- e) a keynote or invited lecture published in the proceedings of a conference of a learned society

The contribution must have been published in the two calendar years preceding the award year.

### **Eligibility**

Only CGS members normally resident in Canada are eligible. In the case of two or more authors of a nominated paper the senior author must meet the CGS/residency requirement. The Chair of the CGS Geosynthetics Division, members of the Award Selection Committee and past recipients of the award are not eligible for the award.

### **Award Nomination Committee**

The Chair of the CGS Geosynthetics Division shall strike a nomination committee comprised of Division members who will nominate candidates for the CGS Geosynthetics Division Award. The Chair does not nominate candidates. To guard against the possibility that no nominations are received from the members-at-large, the Committee shall nominate at least one nominee by May 15. Nominations for the award are not restricted to recommendations by this committee.

### **Award Selection Committee**

The Award Selection Committee will comprise a Chair (non-voting) and three other (voting) members. The Chair of the Geosynthetics Division shall serve as the Chair of the Award Selection Committee. Past recipients of the award shall be invited to serve on the committee. In the first years of the award, members of the Award Selection Committee shall be decided by a vote of members present at the annual meeting of the CGS Geosynthetics Division. The Chair will organize the activities of the Award Selection Committee but will not vote on the selection of the winner. Award Selection Committee shall consider the nominations submitted by the Award Nomination Committee, as well as nominations from the membership-at-large. The award winner will be decided by a majority vote of the three voting members. The Award Selection Committee may decide not to give an award.

### **Award and Funding**

The award is in the form of a framed certificate, provided and paid for by the Canadian Foundation for Geotechnique.

**Nomination/Selection Procedure and Schedule**

Selection of members of Award Nomination Committee and members of Award Selection Committee at annual division meeting.	Sept – October
Open call for nominations in the year of the award. Call appears in March issue of Geotechnical News. Any CGS member can submit a nomination. The nomination must include a clear statement of the suitability of the nomination for the award. In the case of a paper or papers these must be included with the nomination statement.	March
Nominations by the Award Nomination Committee to be completed by May 15	May 15
Deadline for receipt of nominations by the CGS Secretariat from the members-at-large and from the Awards Nomination Committee to Division Chair. All nominations distributed to Chair of the Awards Selection Committee.	June 1
End of deliberations of the Award Selection Committee and submittal of decisions to Chair, Award Selection Committee. (All this can be done by phone, fax, or e-mail). Chair of the Award Selection Committee advises Selection Committee, the President and the Secretariat of the choice of winner (if any); and also winner, and provides winner’s contact information.	July 1
Photograph and 100-120 word citation (reason for winning) required from Chair by July 10.	July 10
Chair, Award Selection Committee advises the winner in writing of the award, and encourages winner to attend the Awards presentation (also asks for confirmation). President and Secretary General also contact the winner with information about the ceremony, by July 15.	July 15

**Presentation**

The award is presented by the Chair of the CGS Geosynthetics Division during the Awards Ceremony at the annual Canadian Geotechnical Conference in the year of the award.

**Recipients of the Geosynthetics Division Award (The award is presented biennially.)**

<b>2000</b>	<b>R. Kerry Rowe</b>
<b>2002</b>	<b>Richard J. Bathurst</b>
<b>2004</b>	<b>André Rollin</b>
<b>2006</b>	<b>Jean Lafleur</b>
<b>2008</b>	<b>Ian D. Moore</b>
<b>2010</b>	<b>Richard W. I. Brachman</b>

**B-8 GEOENVIRONMENTAL AWARD (Geoenvironmental Division)**

Unless stated otherwise in the guidelines for an award, only CGS members resident in Canada, or other individuals who have provided an outstanding service to the Canadian geotechnical community, are eligible for any of the CGS awards.

**General**

This award was presented for the first time in 2000 to recognise an individual or individuals who have made an outstanding technical contribution to the practice of multidisciplinary Geoenvironmental engineering in Canada and/or internationally.

**Frequency**

The award will be given biennially. It is currently presented in even-numbered years – 2004, 2006, etc.

### **Criteria**

The award is based on an outstanding technical contribution to Canadian Geoenvironmental engineering. Eligible are persons who have contributed to the field of Geoenvironmental engineering in Canada through:

- (1) a landmark publication that has had an important lasting impact on the field, or
- (2) a recent publication (in the past 2 years) which represents an outstanding contribution to Geoenvironmental engineering, or
- (3) for on-going contributions to the geoenvironmental field throughout their career.

The recent publication will have been published in one of the following;

- a) a technical publication in the Canadian Geotechnical Journal
- b) a technical publication in any other peer-reviewed technical journal
- c) a book or chapter of a book
- d) a paper published in the proceedings of a conference of a learned society

The recent publication contribution must have been published in the two calendar years preceding the year of the award.

### **Eligibility**

Only CGS members normally resident in Canada are eligible. In the case of two or more authors of a nominated paper, the senior author must meet the CGS/residency requirement. The Chair of the CGS Geoenvironmental Division, members of the Award Selection Committee, and past recipients of the award are not eligible for nomination.

### **Nomination**

Nominations for the award may be made by any member of the CGS. Nominations must be seconded by a member of the CGS-GED.

### **Award Nomination Committee**

The Chair of the CGS Geoenvironmental Division shall form a nomination committee comprised of Division members who will nominate candidates for the CGS Geoenvironmental Division Award. The Chair does not nominate candidates. To guard against the possibility that no nominations are received from the members-at-large, the Committee shall nominate at least one nominee by May 15. Nominations for the award are not restricted to recommendations by this committee.

### **Award Selection Committee**

The Chair of the CGS Geoenvironmental Division shall form an Award Selection Committee comprised of Division members to consider nominees for the CGS Geoenvironmental Award. The Award Selection Committee may decide not to give the award in any given year. In this case, a new committee will be formed in the following year. The new committee will consider nominations for publications published in every year since the award was last given.

The Award Selection Committee will comprise a non-voting Chair and three voting members. The Chair of the Geoenvironmental Division shall serve as the Chair of the Award Selection Committee. In the first years of the award, members of the Award Selection Committee shall be decided by a vote of members present at the annual meeting of the CGS Geoenvironmental Division. Once there are a sufficient number of past recipients, a number of them may be invited to form the committee. The Chair will organize the activities of the Award Selection Committee but will not vote on the selection of the winner. The award winner will be decided by a majority vote of the three voting members.

### **Award and Funding**

The award is in the form of a framed certificate, provided and paid for by the Canadian Foundation for Geotechnique.

**Nomination/Selection Procedure and Schedule**

Selection of members of the Award Selection Committee at annual division meeting.	Sept. - October
Open call for nominations in the year of the award. Call appears in March issue of Geotechnical News. Any CGS member can submit a nomination. The nomination must include a clear statement of the suitability of the nomination for the award. Copies of the publication must be included with the nomination statement.	March
Nominations by the Award Nomination Committee to be completed by May 15	May 15
Deadline for receipt of nominations by the CGS Secretariat from the members-at-large and from the Awards Nomination Committee to Division Chair. All nominations distributed to Chair of the Awards Selection Committee.	June 1
End of deliberations of the Award Selection Committee and submission of decisions to Chair of the Award Selection Committee. (All this can be done by phone, fax, or email). Chair of the Award Selection Committee advises Selection Committee, the President and the Secretariat of the choice of winner (if any); and also winner, and provides winner's contact information.	July 1
Photograph and 100-120 word citation (reason for winning) required from Chair by July 10.	July 10
Chair of the Award Selection Committee advises the winner in writing of the award, and encourages the winner to attend the Awards presentation (also asks for confirmation). President and Secretary General also contact the winner with information about the ceremony.	July 15

**Presentation**

The award is presented by the Chair of the CGS Geoenvironmental Division during the Awards Ceremony during the annual Canadian Geotechnical Conference in the year of the award.

**Recipients of the Geoenvironmental Division Award** (The award is presented biennially.)

<b>2000</b>	<b>R. Kerry Rowe</b>
<b>2002</b>	<b>Ward Wilson</b>
<b>2004</b>	<b>S. Lee Barbour</b>
<b>2006</b>	<b>Loretta Li, Min Chen, John Grace,</b> "Sustainable remediation of acid rock drainage along highways." Proc. Annual Conference CSCE, 2005.
<b>2008</b>	<b>Richard Ervin Jackson</b>
<b>2010</b>	<b>Ernest K. Yanful</b>

**B-9 PRIX ROBERT N. FARVOLDEN AWARD**

**Joint Award of the CGS Hydrogeology Division and Canadian National Chapter of the International Association of Hydrogeologists IAH-CNC (Revised May 2004)  
 Prix conjoint de la division Hydrogéologie de la SCG et le chapitre national canadien de l'Association Internationale des Hydrogéologues AIH-CNC (rev. Mai 2004)**



Members of CGS and IAH-CNC resident in Canada, who have provided an outstanding service to the Canadian geoscience community in the field of hydrogeology, are eligible for the Robert N. Farvolden Award. The Award is a joint CGS - IAH-CNC Award. The award is presented annually.

Les membres SCG et AIH-CNC résidant au Canada et qui ont contribué de façon exceptionnelle à la communauté canadienne dans le domaine de l'hydrogéologie, sont éligibles pour le prix Robert N. Farvolden. Ce prix est remis conjointement par SCG et AIH-CNC.

**ROBERT N. FARVOLDEN AWARD**

**GENERAL**

The Robert N. Farvolden Award honours outstanding contributions to the disciplines of earth science and engineering that emphasize the role or importance of groundwater.

**CRITERIA**

The Award is presented to an individual or group to recognize excellence in hydrogeology in one or more of the following areas: research and publication, professional practice and education, and service to the professional community or public, either nationally or internationally. A nomination describing the contributions of the candidate(s) must be submitted to the Chair of the CGS Hydrogeology Division or the President of IAH-CNC in accordance with the procedure and schedule listed below. The Award Selection Committee may reject, without further consideration, any nomination that, in its opinion, does not adequately detail the contributions of the candidate(s).

The nominee (or nominees in the case of a joint nomination) may be a specialist or a generalist working in academia, or for a government agency, or in consulting. The nominee(s) should display a similar integrity, mentorship, or similar unselfish leadership that distinguished Robert N. Farvolden in his career. The nomination should be supported

**LE PRIX ROBERT N. FARVOLDEN**

**GÉNÉRAL**

Le prix Robert N. Farvolden honore les contributions exceptionnelles aux sciences de la terre et du génie qui mettent l'accent sur le rôle ou l'importance des eaux souterraines.

**CRITÈRES**

Le prix est présenté à un individu ou à un groupe pour reconnaître l'excellence en l'hydrogéologie: dans un ou plusieurs des domaines suivants de recherche et publication, pratique et éducation professionnelles, et service à la communauté professionnelle ou au public, soit sur le plan national ou international. Des mises en nomination décrivant les contributions des candidats/candidates doivent être soumises au Président de la Division de la Hydrogéologie de la SCG ou le Président de l'AIH-CNC selon la procédure et l'échéancier énumérés ci-dessous. Le jury peut rejeter, sans autre considération, toute candidature qui, à son avis, ne détaille pas convenablement les contributions du candidat.

Le, la ou les candidats (dans le cas d'une candidature multiple) peuvent être des spécialistes ou des généralistes du milieu universitaire, travailler pour un ministère gouvernemental ou comme experts-conseils. Ce, cette ou ces candidats doivent faire preuve d'intégrité, démontrer envers les autres des qualités de mentor

by additional letters of support which must include at least two letters of support from outside the institution to which the nominee(s) belong(s). An appropriate nomination will include a summary of the person's (or persons') academic background, their mentoring and/or teaching credentials, their achievements during their career, and their contributions to Canadian hydrogeology through their leadership and participation. A single nomination submitted by **June 1** of the Award year is sufficient to initiate and complete the annual process of selection on the basis of the nominee's excellence in research and publication, or professional practice and education, or professional service or some combination of these areas.

## ELIGIBILITY

Candidates for the Award normally must be members of the Canadian Geotechnical Society or the Canadian National Chapter of the International Association of Hydrogeologists at the time of nomination. In special circumstances, members of other professional organizations may also be nominated and considered for the award.

## AWARD SELECTION COMMITTEE

The members of the Award Selection Committee are chosen by the Executive of the Hydrogeology Division (HGD) of CGS and the President of IAH-CNC from among the membership of the two bodies. The Committee consists of between three and five members and a non-voting Chair who coordinates the nomination and selection process. The Chair of the Committee is selected by the Chair of HGD and the President of IAH-CNC. All decisions of the Committee are made by simple majority. Voting is administered by the Chair of the Committee.

## AWARD AND FUNDING

The Award is in the form of an engraved and framed certificate, provided and paid for by the Canadian Geotechnical Society and the Canadian National Chapter of the International Association of Hydrogeologists

## NOMINATION AND SELECTION PROCEDURE AND SCHEDULE

- A call for nominations appears, each year, in the

ou de leadership semblables à celles qui ont distingué Robert N. Farvolden durant sa carrière. Toute candidature doit être appuyée par des lettres d'appui, dont au moins deux doivent provenir d'une institution autre que celle à laquelle appartiennent le, la ou les candidats. La candidature doit inclure un résumé de la formation universitaire du ou des candidats, leurs titres de compétences en matière de mentorat ou d'enseignement (ou les deux), les réalisations ayant marqué leur carrière ainsi que leur contribution à l'hydrographie canadienne par l'entremise de leur leadership et de leur participation. Une seule candidature, soumise avant le **1 juin** de l'année de l'attribution du prix, est suffisante pour déclencher le processus annuel de sélection axé sur l'excellence du, de la ou des candidats dans les matières suivantes : recherche et publication, pratique professionnelle et éducation, services professionnels ou toute combinaison de ces domaines.

## ÉLIGIBILITÉ

Les candidats et les candidates pour le prix doivent être normalement membres de la Société Canadienne de Géotechnique ou du chapitre national canadien de l'Association Internationale des Hydrogéologues (AIH-CNC) au moment de la mise en nomination. Des membres d'autres organismes professionnels peuvent aussi être nommés.

## JURY

Les membres du jury sont choisis par l'exécutif de la Division de la Hydrogéologie de la SCG (DHG) et le Président de l'AIH-CNC. Le jury se compose de trois ou cinq membres et d'un président qui coordonne les procédures de mise en nomination et de sélection mais qui ne vote pas. Le président du jury est choisi par le président de la DHG et le Président de l'AIH-CNC. Toutes les décisions du jury sont prises, par simple majorité, suivant un vote coordonné par le président du jury.

## PRIX ET FINANCEMENT DU PRIX

Le prix est sous forme de certificat gravé et encadré fourni et payé par la Société Canadienne de Géotechnique et le chapitre national canadien de l'Association Internationale des Hydrogéologues.

## PROCÉDURE ET ÉCHÉANCIER DE LA MISE EN NOMINATION ET DE LA SÉLECTION

- Un appel pour des mises en nomination

CGS News section of the March issue of Geotechnical News and may also be distributed to the membership of the Division via e-mail.

- Any member of the Society may submit a nomination for the Award to the Secretariat by June 1. The call for nominations is also circulated to the membership of the IAH-CNC in the December newsletter, posted on the IAH-CNC website and may be distributed via e-mail.
- All nominations that are submitted to the Secretariat of the CGS or to the President of the IAH-CNC by the deadline are transmitted to the Chair of the Award Selection Committee by **June 1** and to the Award Selection Committee by **June 5**.
  - The Committee evaluates all nominations either in person or by telephone, facsimile, or e-mail and reports their conclusions to the Chair of the Division and the President of IAH-CNC by **July 1**. The Committee may, at their discretion, elect not to present the Award during the current year.
  - The Chair of the Division reports the decision of the Committee to the Presidents of CGS and the IAH – CNC and the CGS Secretariat by **July 1** and provides contact information. The Chair advises the successful candidate(s) verbally and in writing, encourages the winner(s) to attend the presentation of the Award, and asks for confirmation by **July 15**. The President of IAH-CNC sends a congratulatory letter. The President and Secretary General of CGS also contact the winner with information about the presentation ceremony.

apparaît, tous les ans, dans la section des nouvelles de la SCG du numéro de mars du Geotechnical News et peut également être distribué aux membres de la division par courriel. Tout membre de la société peut soumettre au secrétariat une nomination pour le prix avant le 1er juin.

- Toutes les candidatures soumises au secrétariat avant la date limite sont transmises au président de la division avant le **1 juin** et au jury avant le **5 juin**.
- Le jury évalue toutes les nominations (y compris celles soumises par le Président de l'AIH-CNC) au cours d'une réunion par téléphone, fac-similé ou courriel, et rapporte ses conclusions au Président de la DHG et le Président de l'AIH-CNC avant le **1 juillet**. Le jury peut, à sa discrétion, choisir de ne pas présenter le prix pendant l'année en cours.
- Le président de la division transmet la décision du jury au président et au secrétariat de la SCG avant le **1 juillet** et informe les lauréats et les lauréates verbalement et par écrit. Il les encourage à assister à la remise du prix et leur demande de confirmer leur présence avant le **15 juillet**. Le Président de l'AIH-CNC fait suivre une lettre des félicitations.

## PRESENTATION

In the awards ceremony during the first morning of the annual conference, the Farvolden Award is presented jointly by the Chair of the Hydrogeology Division of CGS and the President of IAH-CNC (or by their designates).

## REMISE DU PRIX

Pendant la cérémonie de remise des prix à la conférence annuelle, le prix Farvolden est présenté conjointement par le président de la DHG et le Président de l'AIH-CNC ou par leurs députés.

### Recipients of the Robert N. Farvolden Award - (known as the Hydrogeology Award in 2000, 2001)

<b>2000</b>	<b>Robert Chapuis</b>
<b>2001</b>	<b>John A. Cherry</b>
<b>2002</b>	<b>József Tóth</b>
<b>2003</b>	<b>John F. Gartner</b>
<b>2004</b>	(Not awarded in 2004)
<b>2005</b>	<b>Garth van der Kamp</b>

<b>2006</b>	(Not awarded in 2006)
<b>2007</b>	<b>Emil O. Frind</b>
<b>2008</b>	<b>Frank D. Patton</b>
<b>2009</b>	<b>Pierre J. Gélinas</b>
<b>2010</b>	<b>Robert O. van Everdingen</b>
<b>2011</b>	<b>Robert N. Betcher</b>

<p><b>B-10 CGS GRADUATE STUDENT PRESENTATION AWARD</b>  <b>(Education Committee - Board Approval October 2004 - revised December 2004,)</b></p>
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**History**

In 1988 the Society established the Graduate Student Paper Award with the purpose of encouraging, recognizing and rewarding excellence in presentations of papers by geotechnical graduate students. The competition endeavored to increase student awareness of the Society and their involvement in it.

In 2002 the name of the award was changed to the Graduate Student Presentation Award.

**General**

The purpose of the award is to encourage graduate students to make formal technical presentations to peer and professional audiences. The award is assessed on the basis of a videotaped presentation of maximum 15 minutes duration, recorded before a live technical audience. A question-and-answer period following the presentation must also be recorded. The award is managed through the Society's Education Committee and funded through the generous support of the Canadian Foundation for Geotechnique.

**Award**

First and second place winners are chosen in each year's competition. They are awarded:

**First place**

- a certificate
- one year free membership in the Society
- \$750 honorarium
- Free, full-delegate registration at the annual Canadian Geotechnical Conference
- opportunity to present the paper at the annual Canadian Geotechnical Conference

**Second place**

- a certificate
- one year free membership in the Society
- \$500 honorarium
- Free, full-delegate registration at the annual Canadian Geotechnical Conference

**Eligibility**

Entrants must be graduate students in the calendar year of the competition, and, at the time of the competition deadline (21 May), registered in a Canadian university in a graduate degree program of engineering or geosciences. Examples of graduate programs may include, but are not limited to, Civil Engineering, Geological Engineering, Mining Engineering, Petroleum Engineering, Environmental Engineering, Hydrogeology, Earth Sciences, Geological Sciences, and Geophysics. Students are only eligible to receive this award once per post-graduate degree.

**Nomination**

Each submission must be nominated by a CGS member. The CGS member must submit the eligible student's videotaped presentation on the student's behalf, and must also complete and submit a cover page template that can be obtained from the CGS website at <http://cgs.ca/awards.php>. There are no limits on the

number of submissions from any university. The recording must be submitted in either VHS format or on a DVD in a format that can be read by standard MS Windows-based media players, and no post-production editing may be used. The presentation must not be longer than 15 minutes and must be followed by a taped question-and-answer period of any duration. French or English submissions are encouraged. The video should show the presenter and the screen or other media at all times. Hard copy printouts of the slides etc. used in the presentation must accompany the videotape or DVD so that the judges may better assess image content.

All submissions and accompanying documentation must be received by the Chair of the Student Awards Sub-committee on or before **May 21** of the competition year.

#### **Evaluation: Award Selection Committee**

The Student Awards Sub-committee (convened under the auspices of the Society's Education Committee) will adjudicate all nominations received by the deadline, and will select the winners. Evaluation will be based on geotechnical content and interest (60%), the oral and visual quality of the presentation (30%), and performance during the question-and-answer period (10%). For each of the winners, names, contact information, winner's photographs, title of the presentation, and the name and affiliation of the supervisor must be communicated to the Chair of the Education Committee and **to the Society Secretariat by not later than July 1.**

The Chair of the Student Awards Sub-committee will advise participants of the results of the competition **by not later than July 5.** Winners will be encouraged to attend the conference and receive their awards in person.

In addition the Chair of the Student Awards Sub-committee will write and thank all University supervisors for encouraging students to enter the competition and for providing guidance to students

Copies of all above correspondence are to be sent to the Society President, Chair of the Education Committee and the Secretariat. It is important that communications with the Secretariat contain all of the information listed previously.

#### **Award Presentation and Announcements**

Names of the winners are announced at the Society's Awards Presentation ceremonies during the Awards Ceremonies at the annual Canadian Geotechnical Conference. Awards are presented by the Chair of the Student Awards Sub-committee. Names of winners are published in CGS News and the Society's Annual Report.

#### **Presentation of the Graduate Student Paper**

The Graduate Student paper is often presented on the third morning of the conference, usually in the same session as the Canadian Geotechnical Colloquium. Conference Organizers should arrange for a 35 minute session for introducing the speaker, presentation of the paper, and thanking the speaker.

#### **Getting to the Conference to Present the Paper**

The first place winner should seek travel grants from his/her University, employer, and/or local CGS Section to attend the CGS Annual Conference and present the paper. (Usually alternative funding can be found relatively easily when a case is made for the benefits of presenting the graduate paper at the conference.) Attention is drawn to the CGS policy for supporting students and EITs as a shared cost between the conference, the local group, the national CGS and the student - *see CGS Administration Manual, Appendix 12: Support of Graduate Students and EITs at Annual Conferences.* In the event that funding (including a portion of the honorarium) is still insufficient, the first place winner may be eligible for a grant of up to \$1,000 to cover traveling expenses (not accommodation) to the conference. If needed, a request for this discretionary funding should be sent to the Secretary General of CGS. Supporting documents will show the cost of attending the conference, the funding which has been acquired, and the results of the unsuccessful search for additional funding. The decision on the request will be made by the President and the Vice-President Finance of the CGS.

Should the first place winner, for any reason, not be able to present the paper at the CGS Annual Conference, this opportunity will be offered to the second place winner.

#### **Recipients of the Graduate Student Paper Award (1989- 2001)**

1989	First prize winner	<b>Federico Fernandez, University of Western Ontario</b>
	Runners up	<b>M.E. Hulley, Queen's University</b>

		<b>M. Grabinsky, University of Toronto</b>
1990	First prize winner	<b>Brian Cooke, Queen's University</b>
	Runners up	<b>K.M. Lee, University of Western Ontario Godwin Nnadi, Queen's University</b>
1991	First prize winner	<b>Brian L.J. Mylleville, University of Western Ontario</b>
	Second prize winner	<b>Sherif Abdel-Baki, Queen's University</b>
1992	(No winner)	
1993	First prize winner	<b>Michael McLay, Royal Military College, Kingston</b>
	Second prize winner	<b>Brian Stratton, Queen's University</b>
1994	First prize winner	<b>K. Hamouche, Laval University</b>
	Second prize winner	<b>M. Wise, University of British Columbia</b>
1995	First prize winner	<b>Bettina L. Longino, Queen's University</b>
	Second prize winner	<b>Richard W.I. Brachman, University of Western Ontario</b>
1996	First prize winner	<b>James A. Theriault, Queen's University</b>
	Second prize winner	<b>Pilakani Sangam, Université de Moncton</b>
1997	First prize winner	<b>S.R.D. Lunn, Queen's University</b>
	Second prize winner	<b>M.D. Armstrong, University of Western Ontario</b>
1998	First prize winner	<b>François Lauzon, Royal Military College of Canada</b>
	Second prize winner	<b>Joanna I. Meldrum, Queen's University</b>
1999	First prize winner	<b>Anjum Mullick, University of Alberta</b>
	Second prize winner	<b>Pascale Champagne, Carleton University</b>
2000	First prize winner	<b>Don Saunders, Royal Military College of Canada</b>
	Second prize winner	<b>R.C. Goldwaldt, University of Alberta</b>
2001	First prize winner	<b>Christopher Phillips, University of Waterloo</b>
	Second prize winner	<b>Magdy El Emam, Royal Military College of Canada</b>

#### **Recipients of the Graduate Student Presentation Award (2002 onward)**

2002	First prize winner	<b>Dave L. Walters, Queen's University</b>
	Second prize winner	<b>Fabien Burnotte, Université de Sherbrooke</b>
2003	First prize winner	<b>Jamie Van Gulck, Queen's University</b>
	Second prize winner	<b>Kim le Roux, University of Toronto</b>
2004	First prize winner	<b>Adam Coulson, University of Toronto</b>
	Second prize winner	<b>Ryan Krushelnitzky, Queens-RMC</b>
2005	First prize winner	<b>Kevin D. Park, University of Saskatchewan</b>
	Second Prize winner	<b>Tim Krahn, University of Manitoba</b>
2006	First Prize winner	<b>Gregory Siemens, University of Manitoba</b>
	Second Prize winner	<b>Elizabeth A. Garven, University of Ottawa</b>
2007	First Prize winner	<b>Sherien Ali Elagroudy, Ryerson University</b>
	Second Prize winner	<b>Islam Abu-Halimeh, McMaster University</b>

2008	First Prize winner	<b>Kevin G. Mumford, McMaster University</b>
	Second Prize winner	<b>Chris L. Kelln, University of Saskatchewan</b>
2009	First Prize winner	<b>Kendall Thiessen, University of Manitoba</b>
	Second Prize winner	<b>Bingquan Huang, Royal Military College of Canada</b>
2010	First Prize winner	<b>Saman Zarnani, Queen's University</b>
	Second Prize winner	<b>Michael Van Helden, University of Manitoba</b>
2011	First Prize winner	<b>Fathi Mohamed, University of Ottawa</b>
	Second Prize winner	<b>Jeffrey Oke, Queen's University</b>

<b>B-11 CGS UNDERGRADUATE REPORT AWARDS, INDIVIDUAL AND GROUP SUBMISSION (Education Committee - revised April 2002, Board Approval January 2003)</b>
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### History

In 1987, the Society established the Undergraduate Student Thesis Award with the main purpose of recognizing and awarding excellence in the preparation of an undergraduate geotechnical thesis. This competition endeavoured to increase student awareness of the Society and their involvement in it. The Award was first given in 1988. From 1990, a further award category was added. This included geotechnical design reports prepared by one or more students. The undergraduate report awards are managed through the Society's Education Committee and funded through support from the Canadian Foundation for Geotechnique.

In 2002 these awards were changed to Undergraduate Report Award (Individual Submission) and Undergraduate Report Award (Group Submission).

### General

The purpose of these awards is to foster undergraduate students' skills in solving open-ended geotechnical design problems, and in preparing formal technical reports. The award in the Group Effort category has the further purpose of fostering teamwork skills. The awards are assessed based on the hardcopy reports only.

### Undergraduate Report Awards (Individual Submission)

Selected from among the competitors are the first-place and second-place winners. They are awarded:

#### First place

- a certificate
- One year free membership in the Society
- \$750 honorarium
- Free, full-delegate registration at the annual Canadian Geotechnical Conference

#### Second place

- a certificate
- one year free membership in the Society
- \$500 honorarium
- Free, full-delegate registration at the annual Canadian Geotechnical Conference

### Undergraduate Report Award (Group Group Submission)

Selected from among the competitors are first-place and second-place winners. They are awarded:

#### First place

- a certificate
- one year free membership in the Society
- \$750 honorarium to be shared amongst the authors
- (Each winner gets a separate cheque for the appropriate portion of the \$750 honorarium)
- free registration (preferably full-delegate registration) at the annual Canadian Geotechnical Conference

#### Second place

- a certificate
- one year free membership in the Society
- \$500 honorarium to be shared amongst the authors

- Each winner gets a separate cheque for the appropriate portion of the \$500 honorarium)
- free registration (preferably full-delegate registration) at the annual Canadian Geotechnical Conference

### Eligibility

Entrants must be undergraduate students at the time the report is prepared, registered in a Canadian university in an undergraduate degree program of engineering (accredited by the Canadian Engineering Accreditation Board) or geoscience (that conforms to the requirements of the Canadian Geoscience Standards Board). Examples of such programs may include, but are not limited to, Civil Engineering, Geological Engineering, Mining Engineering, Petroleum Engineering, Environmental Engineering, Hydrogeology, Earth Sciences, Geological Sciences, and Geophysics.

### Nominations

Each academic unit \* from each university may submit at most one nomination in each category. The submission will include the student report in electronic format and a fully completed cover page template available from the CGS website at <http://cgs.ca/awards.php> (Thesis project, Term Report, etc.). The submission should be coordinated through the academic unit's contact person with the Education Committee. All submissions and accompanying documentation must be received by the Chair of the Student Awards Sub-committee on or before **May 21**, of the competition year.

\* "Academic unit" will be interpreted in a context appropriate to the institution. For example, at one university the Department of Civil Engineering and the Department of Geological Engineering could each submit nominations in each category. In another university the Department of Civil and Mining Engineering could submit two nominations in each category if it has two major streams leading to degree programs in the Department. Where ambiguities arise, the Chair of the Student Awards Sub-committee may ask nominating faculty members for clarification. All final decisions will be made by the Education Committee as a whole and will be binding.

### Evaluation: Award Selection Committee

All nominations received before the deadline will be adjudicated by the Student Awards Sub-committee (convened under the auspices of the Society's Education Committee). For each of the winners, the names, contact information, winner's photographs, title of the report and name and affiliation of the advisor must be communicated to the Chair of the Education Committee and **to the Society Secretariat by not later than July 1**.

The Chair of the Education Committee advises participants of the competition results **by not later than July 5**, and encourages winners to attend the annual conference of the Society.

In addition the Chair of the Education Committee will write and thank all University supervisors for encouraging students to enter the competition and for providing guidance to students.

Copies of all above correspondence must be sent to the Secretariat and Society President. It is important that communications with the Secretariat contain all of the contact information listed previously.

### Award Presentation and Announcement

Names of the winners are announced at the Awards Ceremony held during the annual Canadian Geotechnical Conference. Awards are presented by the Chair of the Education Committee (or delegate, typically the organizer of the competition) to those winners in attendance.

Students are strongly encouraged to attend and receive their awards in person. Experience of past winners has been that attending the conference is a valuable and enjoyable experience that leads to good networking and an improved understanding of the profession. Attention is drawn to the CGS policy for supporting students and EITs as a shared cost between the conference, the local group, the national CGS and the student - see *CGS Administration Manual, Appendix 12: Support of Graduate Students and EITs at Annual Conferences*.

Names of winners are published in CGS News and in the Society Annual Report

### Recipients of the Undergraduate Thesis / Report Award (1988, 1989)

1988	Overall winner	<b>Walter Harapiak, University of Saskatchewan</b>
	Runners up	<b>Carol S. Cline, Queen's University Romeo Pointras, Université de Moncton</b>

1989	Overall winner	<b>Beth Sills, Queen's University</b>
	Runners up	<b>James Anklewich, University of Manitoba Sylvain Leblanc, Moncton University</b>

### Recipients of Separate Report and Thesis Awards (From 1990-2001)

1990	Report	First Prize Second Prize	<b>Jean-Marc Lauzon and Daniel Rivard, Ecole Polytechnique Mark A. Ellis, University of New Brunswick</b>
	Thesis	First Prize Second Prize	<b>Stephen Hedberg, University of British Columbia David Moore, University of Manitoba Donald Proudfoot, Lakehead University</b>
1991	Report	First Prize Second Prize	<b>André Thivierge, Ecole Polytechnique Garfield Dales, Carlton University</b>
	Thesis	First Prize Second Prize	<b>Darren Swanson, University of Saskatchewan Andrew Roger, University of Waterloo</b>
1992	Report	First Prize Second Prize	<b>Karen L. MacDonald, Queen's University Rachel C. Smith, University of Waterloo</b>
	Thesis	First Prize Second Prize	<b>Andre Zerwer, Technical University of Nova Scotia Stuart R.D. Lunn, Queen's University</b>
1993	Report	First Prize Second Prize	<b>Richard Brachman, University of Western Ontario Trevor Elliot, Queen's University</b>
	Thesis	First Prize Second Prize	<b>Joe Taylor, University of Manitoba Jason Gerhard, Queen's University</b>
1994	Report	First Prize Second Prize	<b>D.B. Lightbody, Queen's University V.E. Teasdale, University of Saskatchewan</b>
	Thesis	First Prize Second Prize	<b>R.S. Black, University of Manitoba L. Tergeon, Ecole Polytechnique, Montreal</b>
1995	Report	First Prize Second Prize	<b>Anne-Marie Hamilton, University of Manitoba Robert Cyr, Université de Moncton, New Brunswick</b>
	Thesis	First Prize Second Prize	<b>Giovanni John Militano, University of Manitoba Yves Cormier, Université de Moncton, New Brunswick</b>
1996	Report	First Prize Second Prize	<b>P. Murphy, Memorial University of Newfoundland J.L. Meldrum, Queen's University</b>
	Thesis	First Prize Second Prize	<b>Elisabeth Kolrud, Queen's University Brian Waddell, University of Western Ontario</b>
1997	Report	First Prize Second Prize	<b>Stephanie Banks, Technical University of Nova Scotia Sandra Millward, University of Western Ontario</b>
	Thesis	First Prize Second Prize	<b>J. Squires, University of Waterloo C. Daniel, University of British Columbia</b>
1998	Report	First Prize Second Prize	<b>Chien Lee, Memorial University , C-CORE Sarah Bacon, Université Laval</b>
	Thesis	First Prize Second Prize	<b>Michael J. Tait, University of Western Ontario Scott McDougall, University of Toronto</b>
1999	Report	First Prize Second Prize	<b>Isabel Craig, École Polytechnique Jeffrey Joseph Bell, University of Manitoba</b>
	Thesis	First Prize Second Prize	<b>Marie Gauthier, École Polytechnique Austin R. Kanagasuriam, Carleton University</b>
2000	Report	First Prize Second Prize	<b>Perre Gionet, Université de Moncton Ryan Krushelnitzky, University of Alberta</b>
	Thesis	First Prize	<b>Rebecca McMillan, University of Manitoba</b>

		Second Prize	<b>Nicolas Stampfli, École Polytechnique</b>
2001	Report	First Prize	<b>Jason Lane, Tara Law, Kimberley Station, Lakehead Univ.</b>
		Second Prize	<b>Ryan Robert Lyle, University of Waterloo</b>
	Thesis	First Prize	<b>Marie Claude Cormier, École Polytechnique de Montréal</b>
		Second Prize	<b>John Labbezoo, Lakehead University</b>

### Recipients of Undergraduate Report Award (Individual Submission) (2002 onward)

2002	Overall winner	<b>Robin Woolfrey, University of Toronto</b>
	Runner up	<b>Danny Mages, University of Manitoba</b>
2003	Overall winner	<b>Kerrie Fabius, Lakehead University</b>
	Runner up	<b>Louis-Charles Boutin, Ecole Polytechnique, Montréal</b>
2004	Overall winner	<b>Michael Van Helden, University of Manitoba</b>
	Runner up	<b>Sandy Miller, Lakehead University</b>
2005	Overall winner	<b>Mathieu Gosselin, École Polytechnique de Montréal;</b>
	Runner up	<b>Benjamin J. McGuigan, University of New Brunswick</b>
2006	Overall winner	<b>Erin Bobicki, University of British Columbia</b>
	Runner up	<b>Jade Chung, Dalhousie University</b>
2007	Overall winner	<b>Bryan Tatone, University of Waterloo</b>
	Runner up	<b>Jeff Kemp, Queen's University</b>
2008	Overall winner	<b>Amy Adams, University of Waterloo</b>
	Runner up	<b>Sean Henry, Lakehead University</b>
2009	Overall winner	<b>Michelle van der Pouw Kraan, University of British Columbia</b>
	Runner up	<b>Geoffrey Lau, University of Waterloo</b>
2010	Overall winner	<b>Isaac Dennett, University of Manitoba</b>
	Runner up	<b>Eric Wolinsky, Queen's University</b>
2011	Overall winner	<b>Candice Williams, University of Waterloo</b>
	Runner up	<b>Sarah Klassen, University of Manitoba</b>

### Recipients of Undergraduate Report Awards (Group Submission) (2002 onward)

2002	Overall winners	<b>Lianne Boyer, Ugo Lapointe, Queen's University</b>
	Runners up	<b>Isabelle Beaulac, Jean-Pascal Bilodeau, Philippe Drouin, Sébastien Dubeau, Université Laval</b>
2003	Overall winners	<b>Lauren MacKay, Bronwen Smith, Mike West, Anna Westlund, Grace Yungwirth, Queen's University</b>
	Runners up	<b>Adam MacDonald, Mike Vogrig, Lakehead University</b>
2004	Overall winners	<b>Andrea Catley, Amanda Lockhard, Adam Shales Queen's University, Geological Engineering</b>

	Runners up	<b>Jana Levison, Kirsten Moran, Lukas Novy, Victoria Spasic Queen's University, Civil Engineering</b>
2005	Overall winners	<b>Melissa Chappel, Steven Gaines, Tanya Neumeyer. Queen's University, Geological Engineering</b>
	Runners up	<b>Hazel Battad, Brent Welsh, Niki Czerniak, John Phong, Angeline Bakshi. University of Alberta.</b>
2006	Overall winners	<b>Daniel Fontaine, Aisha Wynter, Melissa Herico, Cheryl Chitayat, Julia Makino. McGill University</b>
	Runners up	<b>Beveridge, A. Gagnon, J. Girdner, M. Lato. Queen's University, Geological Engineering</b>
2007	Overall Winners	<b>Caroline Bates, Trystan Glynn-Morris, Pablo McDonald, Evan Smith, Queens University</b>
	Runners up	<b>Cheehan Leung, Shoshanna Saxe, J. Ryan. McGill University</b>
2008	Overall Winners	<b>Melanie Ross, Stephen Hinks, Martin Douglas. Royal Military College</b>
	Runners up	<b>Sarah de Jonge, Heather Wells. Queen's University</b>
2009	Overall Winners	<b>Domenic Arcuri, Graham Sled, Craig West. Lakehead University</b>
	Runners up	<b>Lawrence Charlebois, Anna Crockford, Dani Delaloye, Duncan Nixon. Queen's University</b>
2010	Overall Winners	<b>Catherine Hynes, Kevin Mathison, Charlie Patrick, Matthew Weisbrod. University of Saskatchewan</b>
	Runners up	<b>Jennifer Brown and Candice Cooney. Queen's University</b>
2011	Overall Winners	<b>Brad Copping, Sonia Hachey, Sean Legassie, Brandon Love, John Nichols, Jennifer Pellerin. University of New Brunswick</b>
	Runners up	<b>Jennifer Day, Michaela Kuuskman, Claire MacCallum. Queen's University</b>

## **B-12 A.G. STERMAC AWARD**

Before 1999, these awards were known as CGS Service Plaques. At the end of 1998, A.G. (Tony) Stermac retired after serving for 11 years as Secretary General of the Society. Earlier he had served as President of the Society and Editor of the Canadian Geotechnical Journal. In recognition of his outstanding contribution to the Society, the Board changed the name of the awards to the 'A.G. Stermac Award'. The purpose of the earlier 'Service Plaques' remains - the A.G. Stermac Awards are presented for service to the Canadian Geotechnical Society.' Service awards were first presented under this new name in 1999.

### **Criteria**

A.G. Stermac Awards are presented to members of the Society who have contributed outstanding service to the Society through their actions at local, national or international level.

### **Award Selection Committee**

Selection of the recipients of the A.G. Stermac Awards is done by the Executive Committee of the Society, with the President acting as the Chair of the Committee.

### **Selection Procedure and Schedule**

Any member of the Society can submit names of candidates for the A.G. Stermac Award to the Chair, of the Awards Selection Committee c/o CGS Secretariat through either the appropriate Regional Director or Division Chair. The submission must describe the particular contribution(s) the individual has made to the Society, plus full contact information.

**During the months of May and June each year**, Regional Directors and Division Chairs will publicize the A.G. Stermac Awards in their respective Regions and Divisions and solicit appropriately documented submissions

***All submissions must reach the Society's Secretariat not later than June 1.***

The Chair of the Award Selection Committee (the incumbent President) reviews all submissions with Committee members and the Committee makes the final selection. In case of a tie the Chair's vote is decisive.

The Committee must make the final selection and advises Secretariat by not later than **July 1**. Selection Committee provides a 100-120 word citation (reason for winning) and photographs of winners by **July 15**. The President also advises and congratulates those receiving the A.G. Stermac Awards by not later than **July 15** and asks whether or not they will attend the Awards Ceremony. The President also advises the Secretariat, who will prepare the plaques for the award.

### Presentation

Plaques for the A.G. Stermac Awards are presented by the President of the Society at the Awards Ceremony during the annual Canadian Geotechnical Conference.

### Funding

The Society provides and pays for the A.G. Stermac Awards.

### Winners of Service Plaques and A.G. Stermac Awards

(Records of the winners of the earlier Service Plaques awards are incomplete.)

1997	Jim M. Laing Wayne Savigny Bryan Watts Dennis Pufahl	Robert J. Mitchell Dennis Becker Cyril Leonoff Gerald P. Raymond	Mike Paulin Sue Evison Jodi Everard
1998	Michel Aubertin Jörn Landva	Gunther E. Bauer Bachir Touileb	Don W. Hayley Dennis P. Moore
1999	Michel Aubertin Robert M. Kenyon Don Lewycky	Kevin Biggar R. Kerry Rowe	Louis D'Amours Tim Law
2000	Peter Wu Gordon McRostie Raymond Bousquet	John Gadsby Richard Bathurst Scott Manson	Victor Sowa Jim Oswell
2001	Del Fredlund Guy Lefebvre Richard Simon	Jean Hutchinson Anne Poschmann Bachir Touileb	Denis Leboeuf Dave Segó
2002	Dennis Becker Ryan Phillips	Réjean Couture Ken Skafffeld	Jim Oswell
2003	Richard Bathurst Andrew Piggott	Corey Froese Dieter Stolle	Denise Leahy
2004	David Dundas Don Kingerski	Peter Wu Jacques Locat	James Blatz Don Lewycky
2005	Jocelyn Grozic Georges Lemieux	David Harding Denis LeBoeuf	Jean-Marie Konrad Michel Massièra
2006	Michael Bozozuk Joseph Li	Bill Brockbank	Dennis Pufahl
2007	Dennis E. Becker	James A. Blatz	Ian D. Moore

	<b>Tim A. Newson</b>	<b>Arun J. Valsangkar</b>	<b>Hesham El Naggat</b>
<b>2008</b>	<b>Rejean Couture Tim Law</b>	<b>Jim Graham Roger Skirrow</b>	<b>Craig Lake</b>
<b>2009</b>	<b>C. Derek Martin</b>	<b>Peter C. Lighthall</b>	<b>Zuhtu S. Ozden</b>
<b>2010</b>	<b>Robert P. Chapuis Sai K. Vanapalli</b>	<b>Catherine Mulligan</b>	<b>Siva Sivathayalan</b>
<b>2011</b>	<b>David M. Cruden David F. Wood</b>	<b>Brad M. Ellingwood</b>	<b>Heinrich K. Heinz</b>

## B-13 CERTIFICATES OF APPRECIATION

### Criteria

Certificates of Appreciation will be presented to

- all retiring members of the Board of Directors of the Society and all Chairs of the Society's Committees on completion of their term of office,
- members of the Local Organizing Committees (LOCs) of annual Canadian Geotechnical Conferences on the recommendation of the Chair of the LOC,
- Associate Editors on retirement from the Editorial Board of the Canadian Geotechnical Journal on the recommendation of the Editor, and
- others who are recognized by the President of the Society as having contributed noteworthy service to the Society.

Certificates of Appreciation were first awarded in 2001.

### Awards Committee, Selection Procedure and Schedule

No Awards Committee is needed for the Certificates of Appreciation. Awards to Directors and Committee Chairs are automatic on completion of their duties. Awards to members of an LOC are approved by the Chair of the LOC. Awards to Associate Editors are approved by the Editor of the Canadian Geotechnical Journal. Awards to other individuals can be proposed by any member of the CGS. They are approved by the President.

Not later than **August 1** each year, the Secretariat will identify all members of the Board of Directors who will retire from office on the following 31 December. Similarly, by **August 1**, the Chair of the Local Organizing Committee and the Editor of the Canadian Geotechnical Journal will provide the Secretariat with lists of the people they have selected for Certificates of Appreciation. The President will notify the Secretariat of any other individuals who will receive Certificates of Appreciation. The Secretariat will prepare certificates for the winners and make them available to the President for signature before the beginning of the conference.

### Presentation

Certificates of Appreciation are presented to retiring Directors during their final Meeting of the Board of Directors of the Society. Certificates for members of the Conference Organizing Committee are typically presented by the President during the Closing Ceremony of the Conference.

### Funding

The Society provides and pays for the Certificates of Appreciation. Certificates are signed by the President of the Canadian Geotechnical Society and by the President of other Societies that collaborate in Joint Conferences.

## Winners of Certificates of Appreciation

### 2001

#### *Outgoing Members of CGS Board of Directors*

<b>Richard Fortier</b>	<b>Jonathan Fannin</b>	<b>Andrew Piggott</b>	<b>Réjean Couture</b>
<b>Gordon Pollock</b>	<b>Mike Fabius</b>	<b>Paul Chiasson</b>	<b>Ken Skafffeld</b>

**Organizing Committee, 54th Canadian Geotechnical Conference, Calgary**

Jim Oswell	Robert van Everdingen	John Richmond	Mahmoud Mahmoud
Gopal Achari	Marcia MacLellan	Jamie Carss	Georgina Griffin
Tai Wong	Laurra Olmsted	Larry Bentley	Kathy Ryan
Neil MacLeod	Milos Stepanek	Gretchen Minning	Kevin Spencer
Darren Ratcliffe			

**2002**

**Outgoing Members of CGS Board of Directors**

Richard Bathurst	Bachir Touileb	Alexandre Cabral	Corey Froese
Ernest Yanful	Mark Diederichs	Robert Kenyon	Ernest Naesgaard
John Sokbowicz	Denise Leahy	Hesham El Naggar	Jacques Locat

**Editorial Assistant, Canadian Geotechnical Journal: Philomena D'Souza**

**Organizing Committee, 55th Canadian Geotechnical Conference, Niagara Falls**

Dennis Becker	Mona Bechai	Jason J. Crowder	David Dundas
Hesham El Naggar	Sergio Ferreira	David Gerrard	Stan Gonsalves
Kai-Sing Ho	Steve Holysh	Joseph Li	Doug Lowry
Mark Montgomery	Robert Ng	Janice Nunney	Harry Oussoren
Sydney Pang	Scott Peaker	Andrew Piggott	Bruce Polan
Stephen Rigbey	Gabriel Sedran	James Smith	Dieter Stolle
Danny Tari	Tony Tawil	Mostafa A. Warith	Peter Wu

**2003**

**Outgoing Members of CGS Board of Directors**

Serge Leroueil	Michel Grégoire	David Dundas	Sylvain Roy
Murray Grabinsky	Charles Kwok	Jacques Locat	

**Organizing Committee, 56th Canadian Geotechnical Conference, Winnipeg**

Don Kingerski	Michael Bertram	Tony Ng	Rick Lemoine
Joel Wortley	Ken Skafffeld	Michel Grégoire	Bob Betcher
Kent Bannister	James Blatz	Rob Kenyon	

**2004**

**Outgoing Members of CGS Board of Directors**

Ian Moore	Jim Oswell	Denis Leboeuf	Kevin Jones
Jean Lafleur	Roger Skirrow	Terry Werbovetski	David Harding
Ryan Phillips	Dieter Stolle		

**Organizing Committee, 57th Canadian Geotechnical Conference, Quebec City**

Denis Demers	Paul Flon	Gilles Grondin	Ramond Juneau
Jean-Marie Konrad	Denise Leahy	Denis Leboeuf	Georges Lemieux
Serge Leroueil	Denis Lessard	Jacques Locat	Pascal Locat
Didier Perret	Janelle Potvin	Jean-Sébastien Lessard	Yves Tessier
Jacques d'Astous	René Lefebvre	Richard Martel	Luc Boisvert

**Associate Editor, Canadian Geotechnical Journal**

Denis Leboeuf	Jonathan Fannin	Michel Aubertin
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**Treasurer, Canadian Foundation for Geotechnique: Erika Partsis**

**2005**

**Outgoing Members of CGS Board of Directors**

Marco Quirion	Loretta Li	René Lefebvre	Hani Mitri
Hesham El Naggar	Dharma Wijewickreme	Jocelyn Grozic	Denis Demers
Suzanne Lacasse			

**Organizing Committee, 58th Canadian Geotechnical Conference, Saskatoon SK**

Phil Bruch	Ian Fleming	Murray Fredlund	Julian Gan
Moir Haug	Chris Johns	Pat Landine	Harm Matthuis
Ray Machibroda	Doug Milne	Dennis Pufahl	Bryce Reiter
Lal Samarasekera	Brian Schreiner	Jitendra Sharma	Garth van der Kamp
Terry Werbovetski	S. Lee Barbour	Heather Rodger	

**Outgoing Members, Editorial Board, Canadian Geotechnical Journal**

Mark Randolph                      Kevin Biggar                                      S. Lee Barbour                                      Jean Hutchinson

**2006**

*Outgoing Members of CGS Board of Directors*

Michel Aubertin	Dennis Becker	James Blatz	Paulo Branco
Paul Chiasson	Paul Chiasson	Marc Lauzon	Derek Martin
Harry Oussoren			

*Organizing Committee, 59th Canadian Geotechnical Conference, Vancouver BC*

Upul Atukorala	David Hill	Reza Imam	Ryan Klatt
Henrik Kristiansen	Ernest Naesgaard	Ranee Lai	Peter Lighthall
Keith Robinson	Michael Royle	Dharma Wijewickreme	Erik Eberhardt
Steve Garner	Howard Plewes	Dawn Shuttle	Nicole Marsh

**2007**

*Outgoing Members of CGS Board of Directors*

James Blatz	Eric Blond	Catharine Brown	Jim Cassie
Yves Cormier	Nigel Denby	Craig Lake	Lynden Penner
Roger Skirrow	Jeff Tutkaluk	Richard Wan	

*Organizing Committee, 60th Canadian Geotechnical Conference, Ottawa, Ontario*

Surinder Aggarwal	Michael Bleakney	Michael Bozozuk	Raymond Hache
David Harding	K. Tim Law	Gordon McRostie	Mark Priddle
Siva Sivathayalan	Baolin Wang	Gerry Webb	Sai Vanapalli
Paul Van Geel	Nell Van Walsum	Heather Wilson	

*Outgoing Members, Editorial Board, Canadian Geotechnical Journal*

Robert A. Schincariol

**2008**

*Outgoing Members of CGS Board of Directors*

Serge Bourque	Dan Cacciotti	Robert P. Chapuis	Réjean Couture
Erik Eberhardt	Brad Ellingwood	Michel Grégoire	Azmi M. Hammoud
Richard E. Jackson	Bruce Kjartanson	Donald M. Lewycky	Joe Li
Jay McIntyre	Catherine Mulligan	Tim Newson	Didier Perret
Nick C. Polysou	Siva Sivathayalan	David Wood	Peter Wu

*Mustapha Zergoun*

*Organizing Committee, 61st Canadian Geotechnical Conference, Edmonton, Alberta*

Michael Alostaz	Kevin Biggar	Craig Campbell	Mike Davis
Nathan Deisman	Corey Froese	Murray Innes	Tony Lemay
Paul Lach	Tony Lemay	Derek Martin	Dimitri Papanicolas
Roger Skirrow			

**2009**

*Outgoing Members of CGS Board of Directors*

Phil Bruch	Sterling Parsons	Lynden Penner	Steve Rose
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*Organizing Committee, 62<sup>nd</sup> Canadian Geotechnical Conference, Halifax, Nova Scotia*

Gerardo Cardenas	Gordon Fenton	Grant Ferguson	Brian Grace
Paul Green	Chris Holt	Elizabeth Kennedy	Gavin Kennedy
Jørn Landva	Craig Lake	Valerie Latour	Kevin MacKillop
Ken Marvin	Rob Powell	Brian Taylor	Brian Walker

*Carl Yates*

*Outgoing Members, Editorial Board, Canadian Geotechnical Journal*

Frank Barone	James A. Blatz	Alexandre Cabral	John P. Carter
Ahmad Elgamal	Kok Kwang Phoon	Doug Stead	

**2010**

*Outgoing Members of CGS Board of Directors*

Michel Aubertin	Douglas Stead	Donald M. Lewycky	Stéphanie Perret
Dieter F.E. Stolle	Ed Hoeve	Catherine Mulligan	Andrew Lister
Richard E. Jackson	Dave Caughill	Lynden Penner	Marolo Alfaro
Steve Rose	Dmitry Garagash	Sterling Parsons	Dharma Wijewickreme

**Nigel Denby**                      **Yves Cormier**  
**Organizing Committee, 63<sup>rd</sup> Canadian Geotechnical Conference, Calgary, Alberta**  
**Charles Kwok**                      **Brian Moorman**                      **Justyna Kos**                      **Rob Armstrong**  
**Amer Awad**                      **Angela Beattie**                      **Brad Ellingwood**                      **Christopher Stevens**  
**Frank Magdich**                      **Jeremy Boswell**                      **Jim Henderson**                      **Jim Oswell**

**Trevor Lenehan**

**Outgoing Members, Editorial Board, Canadian Geotechnical Journal**

**William Powrie**

**3<sup>rd</sup> Canadian Young Geotechnical Engineers and Geoscientists Conference, Waterton National Park**

**Kent Bannister**                      **Kathy Kalenchuk**                      **Andrew Bidwell**                      **Ariane Locat**  
**Matt Perras**                      **Maureen Matthew**                      **Michael Van Helden**                      **Neil Kjelland**  
**Nelson Ferreira**                      **Santiago Paz**                      **Sidantha Weerakone**                      **Susan Pfister**

**2011**

**Outgoing Members of CGS Board of Directors**

**Chris Hawkes**                      **Dwayne Tannant**                      **Marcia MacLellan**                      **Myint Win Bo**  
**Tae C. Kim, Robert**                      **P. Chapuis,**                      **Didier Perret**                      **Adrian Thompson**  
**Jim Graham**                      **Tim Keegan**

**Organizing Committee, 64<sup>th</sup> Pan-Am Canadian Geotechnical Conference, Toronto, Ontario**

**Andrew Drevininkas**                      **Giovanni Cascante**                      **Harry Oussoren**                      **Tim Newson**  
**Greg Siemens**                      **Paul Dittrich**                      **Jason Lee**                      **Ron Howieson**  
**Lisa Coyne**                      **Robert Ng**                      **Tae C. Kim**                      **Ali Nasser-Moghaddam**  
**Jordan Lee**                      **Stan Gonsalves**                      **R. D. Holtz**                      **Sai Vanapalli**

**Suzanne Lacasse**                      **Michael Bozozuk**

**Outgoing Members, Editorial Board, Canadian Geotechnical Journal**

**Tarek Abdoun**                      **David M. Cruden**                      **Fabrice Emeriault**                      **Hanping Hong**  
**Andrew Whittle**                      **Bruno Bussi re**                      **Jos e Duchesne**                      **Deborah Cooke, (Assistant to Editor)**

**5<sup>th</sup> Canadian Conference on Geotechnique and Natural Hazards, Kelowna, BC**

**Dwayne Tannant**                      **Rick Guthrie**                      **John Cassidy**                      **John Clague**  
**Steve Evans**                      **Corey Froese**                      **Hamish Weatherly**

## **C-1 R.M. HARDY KEYNOTE ADDRESS**

### **General**

In 1987, the R.M. Hardy Keynote Address was established by the Society to honour the memory of the late Robert (Bob) M. Hardy, the great Canadian geotechnical engineer and educator. Since it was instituted, the Hardy Address has been presented by a series of prominent Canadian educators, scientists and practitioners.

### **Selection Process and Criteria**

The responsibility for the selection of the speaker rest with a Selection Committee, constituted as follows:

**Chair:**                      Regional Director where the Conference is held  
**Members:**                      Chair of the Conference Organizing Committee  
    Chair of the local Section/Group  
    One member of the local Section/Group  
    Society Vice-President Technical (ex officio)

The topic of the Address is decided jointly by the Speaker and the Selection Committee. It is customary that the selected speaker is a prominent member of the local CGS Section or Group. Before the final decision is reached, the Committee consults with the President of the Society.

### **Certificate and Publication**

The selected speaker is given a framed certificate, paid for by the Society. If submitted to the Canadian Geotechnical Journal for review for possible publication (and this is encouraged), the decision to publish the R.M. Hardy Address is exclusively the responsibility of the Journal Editor.

## Schedule

The Chair of the Selection Committee (Regional Director) convenes the committee (possibly by telephone) 18 months before the Conference, and within two months, after consultation with the President, selects the speaker. The Committee Chair advises the speaker in writing of the honour. A copy of the letter is to be sent to the Secretariat. If the selected speaker is unable to accept the invitation, the Chair of the Committee immediately restarts the selection process.

## Procedure and Presentation

The R.M. Hardy Address is presented on the first morning of the annual Canadian Geotechnical Conference. It is the first technical item on the conference agenda, immediately after the Opening Ceremonies and before the Awards Ceremony, when the Awards Ceremony takes place on the first morning. The Conference Organizers need to provide 55 minutes for introducing the speaker, presentation of the address, questioning, and thanking the speaker. The presenter of the R.M. Hardy Address is introduced by the Chair of the Conference Organizing Committee or delegate. The Regional Director of the local region thanks the speaker and presents the framed certificate provided by the Secretariat.

## Presenters of R.M. Hardy Keynote Addresses

1987	<b>Jack Mollard:</b>	"Fracture Lineament Research and Application on the Canadian Prairies"
1988	<b>John A. Cherry:</b>	"Groundwater Flow and Contaminant Migration in Fractured and Unfractured Clay"
1989	<b>L. Doug Keil:</b>	"Some New Initiatives in Cement Grouts and Grouting"
1990	<b>Pierre Gélinas:</b>	"Road Salting and Groundwater Quality"
1991	<b>J. F. (Derick) Nixon:</b>	"Record Developments in Frost Heave Prediction in Soils"
1992	<b>Elmer L. Matyas:</b>	"Science in Engineering or Engineering in Science?"
1993	<b>A. Wayne Clifton</b>	"Predicting the Response of Natural Systems: A Salute To Wisdom"
1994	<b>G. Geoffrey Meyerhof</b>	"Behaviour of Pile Foundations under Special Loading Conditions"
1995	<b>Andrew McGregor Robertson</b>	"Geoenvironmental Engineering (Envirogeotechnics): Its development and Future"
1996	<b>Jack I. Clark</b>	"Settlement and Bearing Capacity of Large Foundations on Strong Soils"
1997	<b>Robert J. Mitchell</b>	"Centrifugation in Geoenvironmental Learning and Practice"
1998	<b>Don W. Hayley</b>	"Design and Construction of Water Diversion and Storage: Structures on Permafrost at Ekati Diamond Mine, NWT."
1999	<b>Delwyn G. Fredlund</b>	"The implementation of Unsaturated Soil Mechanics into Geotechnical Engineering"
2000	<b>Robert Chapuis</b>	"Field Performance of Liners and Drainage Systems"
2001	<b>John Krahn</b>	"The Limits of Limit Equilibrium Analysis"
2002	<b>Victor Milligan</b>	"Observations on the Performance of Some Dams on Karstic Foundations"
2003	<b>Jim Graham</b>	"Soil parameters for Numerical Analysis in Clays"
2004	<b>Guy Lefebvre</b>	"Non-intrusive Investigation in Geotechnical Engineering"
2005	<b>Earl Christiansen</b>	"Glacial Geology of Southern Saskatchewan"

2006	<b>Peter M. Byrne</b>	“Analysis and design of earth structures to resist seismic soil liquefaction.”
2007	<b>Gerry Webb</b>	“Geotechnical Case Histories from Eastern Ontario”
2008	<b>Norbert R. Morgenstern</b>	“Risk and Reward: Geotechnical Engineering and the Alberta Oil Sands”
2009	<b>Arun J. Valsangkar</b>	“Soil-Structure Interaction Studies: Research and Practice”
2010	<b>James M. Oswell</b>	“Pipelines in Permafrost; geotechnical issues and lessons”
2011	<b>Kwan Yee Lo</b>	“The effects of deep excavations in soils and rock on adjacent structures”

## C-2 THE CANADIAN GEOTECHNICAL COLLOQUIUM

### Criteria

The Canadian Geotechnical Colloquium is a work commissioned by the Society. The Colloquium is awarded annually to a member of the Canadian Geotechnical community. The purpose of the Colloquium is to provide information of particular interest to the geotechnical community on topics of importance to Canadian geotechnology and geoscience. It is identified as an encouragement and opportunity for a 'younger' member of the Society to pursue the studies needed for its preparation. A meeting of the Geotechnical Research Board in 2001 defined 'younger' as being unlikely to be above 40 years of age, with preference given to strong candidates around 33-38 years of age at the time of nomination.

The Colloquium is presented at the annual Canadian Geotechnical Conference. It is expected that the oral presentation at the conference should also be prepared in written form and submitted for consideration for publication in a research journal, most preferably in the Canadian Geotechnical Journal (CGJ). At the same time, the author will notify the Secretary General that the written version has been submitted and that the conditions for the second installment of the financial award have been satisfied. The decision on acceptance for publication in the Canadian Geotechnical Journal (or another journal) is exclusively the responsibility of the journal Editor. Submission of the written version should be done no later than six months after the oral presentation at the annual conference.

### Nomination of Candidate

Any Society member can nominate candidates for the presentation of the Colloquium. A call for nominations appears in the December issue of CGS News in Geotechnical News approximately two years ahead of the Colloquium presentation. The call for nominations will list the following information that the nominator must provide:

- a nomination letter that introduces the candidate with his main accomplishments
- an extended abstract of the proposed talk (approx. 2000 words), and
- the nominee’s *Curriculum Vitae*, which must clearly list:
  - a) practical experience relevant to the topic
  - b) publication record (especially in refereed journals)

The abstract should include a statement on the importance of the proposed topic to the Canadian geotechnical and related geoscience communities. The originality of the candidate’s contribution should also be highlighted.

Compliance with the above requirements is the responsibility of both the nominator and the nominee. Nominations that do not comply with these requirements will not be considered. Nominators whose nominations do not meet the requirements will be given guidance by the Secretary General and/or Chair of the Geotechnical Research Board on how they can be improved.

### Schedule

Nominations are to be submitted to the Society Secretariat by **January 31** of the year proceeding the year of the conference when the Colloquium is to be presented. The Secretariat transmits this material to the Chair of the Selection Committee not later than **February 15**.

### **Award Selection Committee**

Choice of the individual who will give the Colloquium and the chosen topic is made by the Selection Committee of the Geotechnical Research Board. The Committee is chaired by the Chair of the Geotechnical Research Board. Division Chairs and the Editor of the Canadian Geotechnical Journal are permanent members of the Committee. Other members (including GRB members) may be added as *ad hoc* members at the discretion of the Chair. The selection process must be completed by not later than **April 1**.

Upon selection of the person to give the Colloquium Address, the Committee Chair notifies the chosen candidate about the award. The correspondence from the Committee Chair to the successful candidate must be copied to the Secretariat and to the President of the Canadian Foundation for Geotechnique, which funds the Colloquium.

The Secretary General informs the chosen candidate in writing of his/her responsibility to submit a) a written version of the presentation to the editor of the Canadian Geotechnical Journal (CGJ), or to another refereed Journal (under special circumstances), within a six month period from the date of the Colloquium address, and b) notification to the Secretary General that the paper has gone to a research journal for review. In his letter to the chosen candidate, the Secretary General will encourage him/her to attend the coming Canadian Geotechnical Conference to receive the first installment of the funding for the award. The Secretary General will also emphasize the importance the Society places on the written version of the Colloquium Address and its desire to have the paper published in the Canadian Geotechnical Journal.

The chosen candidate is required to reply with a written acceptance of the nomination and his/her commitment to comply with all requirements.

All this should be completed not later than **June 1**. Candidate photograph due by **July 1**.

Names of nominated but unsuccessful candidates for the Colloquium remain on file for three-years. After this period, their names are dropped from the list.

### **Funding**

Annual funding of \$5,000 is provided for the Colloquium by The Canadian Foundation for Geotechnique. The first installment of \$3,000 is given at the Canadian Geotechnical Conference one year before presentation of the Colloquium Address.

The final \$2,000 will be provided only when the paper is completed, submitted to the Canadian Geotechnical Journal (or to another research journal), and the Secretary General has been notified that this has been done. The paper should be submitted for review at the latest six months after the oral presentation of Colloquium. Funding for the cost of the framed certificate is provided by the Canadian Foundation for Geotechnique.

### **Presentation of the Canadian Geotechnical Colloquium**

The Conference Organizers must provide 55 minutes for introducing the speaker, presentation of the Colloquium, presenting the framed certificate, and announcing the next year's presenter.

### **Certificate Presentation**

At the end of the presentation, the presenter of the Colloquium Address receives a framed certificate from the Chair of the Geotechnical Research Board, with the President of The Canadian Foundation for Geotechnique being present. As noted above, payment of the final \$2,000 of the Colloquium financial award is not made until the written version of the address has been submitted for review for possible publication.

### **Announcement of the next Canadian Geotechnical Colloquium Address**

During the conference, a suitable time will be arranged for the Chair of the Geotechnical Research Board to announce the name of the person chosen for the next Colloquium and the title of the Address. The President of The Canadian Foundation for Geotechnique will present a cheque for \$3,000 to the next year's presenter, and, if the conditions have been met, a cheque for \$2,000 to the previous year's presenter.

### **Presenters of the Canadian Geotechnical Colloquium**

1977	<b>D.Nixon</b>	“Design Approaches to Geotechnical Engineering in Permafrost Areas”
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1978	<b>D.G.Fredlund</b>	"Appropriate Concepts and Technology for Unsaturated Soils"
1979	<b>P.R.Kry</b>	"Ice Forces on Wide Structures"
1980	<b>G.Lefebvre</b>	"Strength and Long Term Stability of Canadian Soft Clay Deposits"
1981	<b>D.J.Folkes</b>	"Control of Contaminant Migrations by the Use of Liners"
1982	<b>R.D.Hammett</b>	"Design Philosophies for Underground Excavations in Rock for Civil Engineering Projects."
1983	<b>J.Weaver</b>	"The Geotechnique of Artificial Islands for Resource Development"
1984	<b>D.F.VanDine</b>	"Debris Flows and Debris Torrents in Western Canada"
1985	<b>P.K.Robertson</b>	"In Situ Testing and its Application to Foundation Engineering"
1986	<b>S. Leroueil</b>	"New Developments in Consolidation of Natural Clays"
1987	<b>R.K.Rowe</b>	"Contamination Migration in Groundwater: The Role of Analysis in the Design of Barriers"
1988	<b>Peter K.Kaiser</b>	"Reduction of Risk in Underground Construction by Performance Monitoring"
1989	<b>Denis Blanchet</b>	"Ice Design Criteria for Arctic Structures"
1990	<b>K.T. Law</b>	"Dynamic Behavior of Soils in Eastern Canada"
1991	<b>S.G. Evans</b>	"Natural Rock Slope Hazards in the Canadian Cordillera"
1992	<b>J-M. Konrad</b>	"Frost Heave and Engineering Structures"
1993	<b>C. Derek Martin</b>	"The rock slide and debris flow from Mt. Cayley, BC in June 198"
1994	<b>D. Becker</b>	"Limit States Design for Foundations"
1995	<b>L.S. Barbour</b>	"The Soil Water Characteristic Curve and its Relevance to the Behavior of Unsaturated Soils"
1996	<b>A. Sy</b>	"Recent Developments in Becker Penetration Test: 1986 to 1996"
1997	<b>B. Kueper</b>	"Migration, Behaviour and Clean-up of DNAPLs in the Subsurface"
1998	<b>I. Moore</b>	"Culverts and Buried Pipelines: Geotechnical Issues Affecting Design and Performance".
1999	<b>W. Wilson</b>	"The Evaluation of Flux Boundary Conditions for Geoscience Engineering"
2000	<b>Julie Q. Shang</b>	"Electrokinetics in geotechnical and environmental engineering applications"
2001	<b>David Chan</b>	"Applications of Numerical Analysis in Geotechnical Engineering"
2002	<b>Hesham El Naggar</b>	"The role of Soil-Structure Interactions in Foundation Engineering"
2003	<b>Mark Diederichs</b>	"A progressive strategy for failure predictions around deep excavations in hard rock: theoretical developments and practical consequences"
2004	<b>Bruno Bussi�re</b>	"Hydro-geotechnical properties of mine tailings and novel disposal approaches to minimize environmental impacts."
2005	<b>Erik Eberhardt</b>	Strength degradation and progressive failure in massive rock slopes - the role of modelling and measurements in understanding complex mechanisms."
2006	<b>Richard Brachman</b>	"Physical response of landfill geosynthetics."
2007	<b>James Blatz</b>	"Geotechnical Challenges with Flood Protection Infrastructure"

2008	<b>Jocelyn L.H. Grozic</b>	“Gas Hydrates in Soil: Implications and Engineering”
2009	<b>Jean Côté</b>	“Heat transfer in geotechnical engineering: Recent developments and future trends”
2010	<b>Corey R. Froese</b>	“Evolving Technology Trends in Modern Geological Hazards Risk Management”
2011	<b>Craig Lake</b>	“Assessing geo-environmental performance of cement-based containment systems”

### **C-3 CROSS CANADA LECTURE TOUR**

#### **General**

Cross Canada Lecture Tours started in 1965 and began to be arranged on a more formalized basis in 1971. Regular tours are now organized to enable Society members and others across Canada to attend presentations by prominent Canadian and foreign geoprofessionals.

Whenever possible, two Cross Canada Tours are organized each year, one in the Spring and the other in the Fall. If there are two tours, it is customary for one speaker to be Canadian and the other foreign.

Each tour may be broken into two separate parts, one in Eastern Canada and a second in Western Canada. If a chosen speaker is unable to complete both parts of the tour a second speaker can be selected for the second part of the tour.

If there is only one tour in a particular year the tour can be accomplished by one or two speakers. This will depend on the particular regional preferences as well as on the availability of speakers and some other additional considerations.

Regional groups are advised that a two-week commitment by the speaker, itself a very significant commitment, only permits visits to about ten cities on average. This means that individual regional groups can usually be visited by the Cross Canada lecturer during less than one-half of the tours. The Vice-President Technical and the Administrator attempt to arrange geographical fairness to both large groups and developing groups, and also visits to areas where there is specific interest in the lecturer's topics.

#### **Choice of Speaker**

The responsibility for the choice of Cross Canada Lecturers rests with the CGS Vice-President Technical. He/she does this in consultation with the Executive Committee and Division Chairs as well as with Regional Directors who in turn consult local organizations within their respective Regions. Once the Vice-President Technical has decided the cities that will be visited, detailed arrangements will be made by the Society's Administrator. The Administrator deals directly with the speaker and the regional groups that will be visited.

#### **Funding**

Travel expenses for the speaker(s) are funded by The Canadian Foundation for Geotechnique. *Please note however, that local groups in each of the visited cities pay the speaker's expenses (hotel, meals, local transportation, etc.) and in addition, provide the speaker with a \$200 honorarium.* Any local organization that is short of the needed funds can apply to the national body for financial assistance.

## **Schedule**

There is no fixed, predetermined schedule for arranging the lecture tour because it depends on the availability of the suitable speaker and convenience to local organizations. Arranging tours is therefore an on-going activity by the Vice President Technical. Tours should be arranged sufficiently in advance to allow local groups to include the Cross Canada Lecture in their programming plans.

Once the speaker is chosen, intensive discussions with Regional Directors and Chairs of the local Sections are initiated to determine and finalize the detailed itinerary and schedule. As mentioned previously, the Vice-President Technical decides the itinerary. Once this has been done the Society Administrator develops detailed arrangements with the speaker, the appropriate Regional Directors, and Canadian Foundation for Geotechnique (formerly Geo-Contributions).

## **Responsibilities:**

### **Vice-President Technical**

- Solicit input from Regional Directors and Division Chairs regarding possible topics, speakers and timing.
- Select, in consultation with Members of the CGS Executive, the most desirable and appropriate speaker and alternates in case the first-choice speaker is unavailable.
- Contact chosen person and invite to be Cross Canada Lecturer. Upon acceptance of invitation, tentatively agree with speaker on the time frame and topics for lectures.
- Based on the itineraries of past Tours, the topics that will be presented by the speaker, and input from the regional groups, decide on the list of cities the Tour will visit.
- Advise speaker of the proposed list of cities to be visited.
- Advise speaker that all subsequent correspondence and arrangements are to be with the Society Administrator.
- Advise, in writing, appropriate Regional Directors and all Chairs of local organizations that are to be visited by the Cross Canada Lecturer. Advise that all subsequent arrangements will be handled by the Administrator. Copy the correspondence to the President and Secretary General.
- Advise in writing, Chairs of local Sections/Groups that were not included in the Cross Canada Lecturer's itinerary with rationale for the decision and remind them of the availability of a supplementary lecture program.
- Upon completion of the lecture tour, send a 'Thank you' letter to the Lecturer.
- Summarize comments on choice of topic and Lecturer from Chairs of local organizations and prepare report for Board of Directors.

### **Regional Directors, Chairs Of Local Organizations (Section/Group)**

- Provide solicited or unsolicited suggestions regarding topics, lecturers, and time frames for Cross Canada Lecture Tour.
- Cooperate with Society Secretariat in making all necessary arrangements and confirming final agreements.)
- Advertise the Cross Canada Lecture. (applies also to Division Chairs)
- Make all necessary arrangements for the Cross Canada Lecture such as:
  - pick-up Lecturer on arrival at airport and transport to airport for departure
  - hotel reservations
  - transportation to and from lecture and hotel
  - pay for speaker's meals and hotel accommodation
  - transmittal of honorarium (\$200)
  - other courtesy arrangements
- Submit to Vice-President Technical, within one month of event, comments on all aspects of visit.

### **Administrator**

Develop, in close consultation with the Lecturer, Vice-President Technical, Chairs of local organizations (Sections/Groups) and the Travel agent, the detailed itinerary and timetable of the Cross Canada Lecture Tour.

- Obtain from Lecturer the C.V. (for introduction in cities) and short summaries of lectures prepared for the Tour and forward these to local organizations for their information and use.
- Obtain slide (overhead, 35 mm or PowerPoint) that identifies the sponsor(s) of the tour and the support from the Canadian Foundation for Geotechnique.

- Obtain agreements and confirmations from all concerned.
- Make all changes in the speaker's itinerary and timetable if and when necessary (All in consultation with and approval of the Vice-President Technical).
- Send to all local organization a notice containing the Airline's name, flight number, dates and times of speaker's arrival and departure
- Obtain airline tickets and transmit them to the Speaker.
- Send the Vice-President Technical copies of all correspondence, sent and received, regarding the Tour

<b>Cross Canada Lecture Tour Speakers</b>
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1965	September	<b>Dr. I. Rosenqvist</b> , University of Oslo, Norway
1966	April	<b>Dr. D.J. Henkel</b> , Cornell University, USA
	Fall	<b>Dr. N.R. Morgenstern</b> , Imperial College, London, England
1967	April/Oct.	<b>Dr. G.G. Meyerhof</b> , Nova Scotia Technical College, NS <b>Prof. H.O. Ireland</b> , University of Illinois, IL. USA
1968	February	<b>Mr. F.J. Sanger</b> , Cold Regions Research and Eng. Laboratory, Nanover, N.H.USA
1968	November	<b>Prof. Charles J. Szechy</b> , Technical University of Budapest, Hungary
1969	February	<b>Prof. Quido Zaruba</b> , Technical Institute in Prague, Czechoslovakia (Eastern Canada)
	November	<b>Prof. R.M. Quigley</b> , University of Western Ontario, London, ON (Western Canada)
1970	Fall	<b>Dr. H.Q. Golder</b> , Golder Associates, Toronto, ON (Eastern Canada)
	Fall	<b>Dr. P. LaRochelle</b> , Laval University, Quebec City, QC (Western Canada)
1971	February	<b>Mr. G.H. Johnston</b> , Geotechnical Section, Division of Building Research of the National Research Council, Ottawa, ON
	November	<b>Dr. J.H. Schmertmann</b> , Professor of Civil Engineering, University of Florida, Gainesville, FL, USA (Arranged by Soil Mechanics Subcommittee of ACGR in conjunction with local geotechnical groups).
1972	March	<b>Prof. R.B. Peck</b> , University of Illinois, IL. USA
	November	<b>Mr. E. Klohn</b> , Klohn Leonoff Consultants, Vancouver, BC ( Eastern Canada) <b>Mr. V. Milligan</b> , Golder Associates, Toronto ON (Western Canada). (Arranged by Soil Mechanics Subcommittee in conjunction with local geotechnical groups).
1973	March	<b>Prof. J.M. Duncan</b> , Dept. of Civil Engineering, University of California, Berkeley, CA. USA
	November	<b>Dr. D.F. Coates</b> , Head, Mines Research Centre, Dept. of Energy, Mines and Resources, Ottawa, ON (Eastern Canada) <b>Prof. T.C. Kenney</b> , Dept. of Civil Engineering, University of Toronto, ON (Western Canada)
1974	March	<b>Prof. Adrian Richards</b> , Director, Marine Geotechnical Laboratory, Lehigh University, Bethlehem, PA. USA
	November	<b>Dr. J.B. Burland</b> , Head, Geotechnical Division, Building Research Station, Garston, England.
1975	March/April	<b>Mr. E. Penner</b> , Head, Geotechnical Section, Division of Building Research, National Research Council, Ottawa, ON
	November	<b>Dr. R.M. Hardy</b> , R.M. Hardy and Associates, Edmonton AB (Eastern Canada) <b>Mr. M.A.J. Matich</b> , Geocon Limited, Rexdale, ON (Western Canada)
1976	May	<b>Dr. Bengt Broms</b> , Professor, Royal Institute of Technology, Stockholm, Sweden.
	October	<b>Prof. H. Borowicka</b> , Technical University, Vienna, Austria.
1977	Feb./March	<b>Dr. L. Gold</b> , Associate Director, Division of Building Research, National Research Council of Canada, Ottawa, ON

1978	April November	<b>Dr. F. Baguelin</b> , Laboratoire Central des Ponts et Chausees, Paris, France <b>Dr. W.H. Ward</b> , Building Research Station, Garston, England.
1979	March November	<b>Dr. Masami Fukuoka</b> , Japan, in his capacity of President, International Society on Soil Mechanics and Foundation Engineering. <b>Dr. M. Bozozuk</b> , Geotechnical Section, Division of Building Research, National Research Council, Ottawa, ON
1980	May November	<b>Dr. A. Vesic</b> , Professor of Civil Engineering, Duke University, Durham, N.C. USA <b>Dr. J. Jacques Paré</b> , Shawinigan Lavalin Inc., Montréal, QC
1981	March/April	<b>Dr. M.E. Harr</b> , Dept. of Civil Engineering, Purdue University, Lafayette, In. USA
1982	Spring Fall	<b>Mr. Louis Jaspar</b> , P.F.R.A. Saskatoon, SK (Eastern Canada) <b>Dr. Branko Ladanyi</b> , Ecole Polytechnique, Montreal, QC (Western Canada). <b>Dr. R.G. Campanella</b> , University of British Columbia, Van. BC (Eastern Canada)
1983	Spring Fall	<b>Dr. K.Y. Lo</b> , Professor of Civil Engineering, University of Western Ontario, London, ON <b>Dr. G.G. Meyerhof</b> , Professor of Civil Engineering, Technical University of Nova Scotia, Halifax, NS
1984	Fall	<b>Dr. N. Janbu</b> , Technical University of Norway, Trondheim, Norway.
1985	Spring	<b>Dr. C.B. Crawford</b> , ex-Director, Division of Building Research, National Research Council, Ottawa, ON
1986	Jan./Feb. Winter	<b>Dr. Bengt Fellenius</b> , Professor, Dept. of Civil Engineering, University of Ottawa Ottawa, ON. <b>Dr. Peter Kaiser</b> , Dept. of Civil Engineering, University of Alberta Edmonton AB.
1987	Spring	<b>Prof. Wang Zhong Qi</b> , Ministry of Urban and Rural Construction and Environmental Protection, Beijing, China
1988	Fall Winter	<b>Dr. Roger Frank</b> , Head Foundation Section, Laboratoire des Ponts et Chaussess, Paris, France <b>Prof. Fred H. Kulhawy</b> , School of Civil and Environmental Engineering and Graduate Faculty of Geological Sciences Cornell University, USA
1989	Spring	<b>Charles F. Ripley</b> , Victoria, BC
1990	Spring Fall	<b>R.M. Quigley</b> , University of Western Ontario, London, ON <b>Ricardo Oliveira</b> , Laboratorio Nacional de Engenharia Civil, Lisbon, Portugal
1991	Spring Fall	<b>Michele Jamiolkowski</b> , Technical University of Turin, Italy <b>W.D. Liam Finn</b> , University of British Columbia, Vancouver, B.C
1992	Fall	<b>Jean-Louis Briaud</b> , Texas A & M University, Texas, USA
1993	Spring Fall	<b>J.D. Mollard</b> , J.D. Mollard and Associates Limited, Regina, SK <b>M.J. O'Connor</b> , O'Connor Associates, Calgary, AB
1994	Spring Fall	<b>Jean-Louis Chameou</b> , Georgia Tech, Atlanta, Georgia, USA <b>Suzanne Lacasse</b> , Norwegian Geotechnical Institute, Norway
1995	Spring Fall	<b>James K. Mitchell</b> , Georgia Institute of Technology, USA <b>Delwyn G. Fredlund</b> , University of Saskatchewan, Saskatoon, SK
1996	Spring Fall	<b>G.E. Blight</b> , University of Witwatersrand, Johannesburg, South Africa <b>L. Smith</b> , University of British Columbia, Vancouver, B.C
1997	Spring Fall	<b>Victor Milligan</b> , Consulting Engineer, Toronto, ON <b>Peter K. Robertson</b> , University of Alberta, Edmonton, AB
1998	Fall	<b>Dennis Becker</b> , Golder Associates Ltd. Toronto
1999	Spring	<b>Robert Holtz</b> ,

2000	Spring Fall	<b>Jacques Locat</b> , Laval University. <b>Ralph Peck</b> , Consultant
2001	Spring Fall	<b>W.D. (Liam) Finn</b> , University of British Columbia, Vancouver <b>Chack Fan Lee</b> , University of Hong Kong, Hong Kong
2002	Spring Fall	<b>Tim Law</b> , Carleton University, Ottawa <b>Stephan Jefferis</b> , University of Surrey, England
2003	Spring Fall	<b>Richard Bathurst</b> , Royal Military College of Canada,, Kingston ON <b>Jack Clark</b> , Principal Consultant, C-CORE, St. John's, Newfoundland.
2004	Spring	<b>John Carter</b> , Sydney University, Australia <b>René Therrien</b> , Laval University, Ste. Foy, Québec
2005	Spring Fall	<b>Paul A. Marinos</b> , National Technical University Of Athens, Athens, Greece. <b>Wayne Savigny</b> , BGC Engineering Inc, Vancouver BC.
2006	Spring Fall	<b>Donald A. Bruce</b> , Geosystems LP, Venetia PA, USA. <b>R. Kerry Rowe</b> , Queen's University, Kingston ON
2007	Spring Fall	<b>Dr. Andrew Whittle</b> , Massachusetts Institute of Technology, Cambridge. MA. <b>Dr. Paul Mayne</b> , Georgia Institute of Technology, Atlanta, Georgia.
2008	Spring Fall	<b>Michel Aubertin</b> , École Polytechnique, Montreal, QC <b>Aurèle Parriaux</b> , Federal Polytechnique, EPFL, Lausanne, Switzerland
2009	Spring Fall	<b>Arvid Landva</b> , Consultant, Terra Atlantic, Fredericton, New Brunswick <b>Kyle Rollins</b> , Brigham Young University, Provo, Utah, USA
2010	Spring Fall	<b>Don W. Hayley</b> , EBA Engineering Consultants Ltd. Peachland, BC <b>Sarah Springman</b> , ETH, Zurich, Switzerland
2011	Spring Fall	<b>Mark Diederichs</b> , Dept. Geol. Science and Geol. Engineering, Queen's University <b>Steve Vick</b> , Independent Consultant and Risk Specialist, Colorado

<b>Cross Canada Tour Lecturers</b>
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<b>CANADIANS</b>	<b>NON-CANADIANS</b>
1966 MORGENSTERN	1965 ROSENQUIST (First Speaker)
1967 MEYERHOF	1966 HENKEL
1969 QUIGLEY	1967 IRELAND
1970 GOLDER	1968 SANGER
1970 LAROCHELLE	1968 SZECHY
1971 JOHNSTON	1969 ZARUBA
1972 KLOHN	1971 SCHMERTMANN
1972 MILLIGAN	1972 PECK
1973 COATS	1973 DUNCAN
1973 KENNEY	1974 RICHARDS
1975 PENNER	1974 BURLAND
1975 HARDY	1976 BROMS
1975 MATICH	1976 BOROWICKA
1977 GOLD	1978 BAGUELIN
1979 BOZOZUK	1978 WARD

1980 PARE  
 1982 JASPAR  
 1982 LADANYI  
 1982 CAMPANELLA  
 1983 LO  
 1983 MEYERHOF  
 1985 CRAWFORD  
 1986 FELLENIUS  
 1987 KAISER  
 1989 RIPLEY  
 1990 QUIGLEY  
 1991 FINN  
 1993 MOLLARD  
 1993 O'CONNOR  
 1994 LACASSE  
 1995 FREDLUND  
 1996 SMITH  
 1997 MILLIGAN  
 1997 ROBERTSON  
 1998 BECKER  
 2000 LOCAT  
 2001 FINN  
 2002 LAW  
 2003 BATHURST  
 2003 CLARK  
 2004 THERRIEN  
 2005 SAVIGNY  
 2006 ROWE  
 2008 AUBERTIN  
 2009 LANDVA  
 2010 HAYLEY  
 2011 DIEDERICHS

1979 FUKUOKA  
 1980 VESIC  
 1981 HARR  
 1984 JANBU  
 1987 WANG  
 1988 KULHAWY  
 1988 FRANK  
 1990 OLIVIERA  
 1991 JAMIELKOWSKI  
 1992 BRIAUD  
 1994 CHAMEAU  
 1995 J.K. MITCHELL  
 1996 BLIGHT  
 1999 HOLTZ  
 2000 PECK  
 2001 LEE  
 2002 JEFFERIS  
 2004 CARTER  
 2005 MARINOS  
 2006 BRUCE  
 2007 WHITTLE  
 2007 MAYNE  
 2008 PARRIAUX  
 2009 ROLLINS  
 2010 SPRINGMAN  
 2011 VICK

	Canadians	Foreigners
Professors	23	26
Consultants	16	12
Government	8	3
Totals	47	41

From 1965 until 2011 there were a total of 88 speakers; 49 Professors, 28 Consultants, and 11 from Government or Government Agencies.

#### **C-4 CGS LECTURE SUPPLEMENT PROGRAM**

##### **General**

Because it is impossible for Cross Canada Lecturers to visit all Society sections, the Society has established the lecture supplement program. This program enables bypassed sections to invite, once a year, a prominent geotechnical specialist to visit their towns and deliver a lecture.

##### **Selection Procedure and Responsibility**

The selection of the guest speaker is the responsibility of the Chairs of the local sections who make their choices in close consultation with the CGS Vice-President Technical.

##### **Funding**

The society will help defray travel expenses of the invited speaker up to but not exceeding \$500 per visit. If the speaker visits more than one city, this assistance can be increased. The local section has to provide an honorarium (usually \$200) to the speaker to cover all expenses while visiting.

Up to \$1,000 per year is allocated from the Canadian Geotechnical Society or any other source for this program.

### **Schedule**

The Society will entertain requests under this program only after the schedule and itinerary of the Cross Canada Lecture Tour has been finalized. The request will be brought to the Board of the Society (usually the Executive, acting on behalf of the Board) by the Vice-President Technical, thus assuring that the required consultation has taken place.

## **D OTHER EXTERNAL AWARDS AND HONOURS**

Members of the Canadian Geotechnical Society are eligible for awards, prizes and honours bestowed by the Engineering Institute of Canada, by any of its member societies, and by other institutions. Nominations for external awards are approved by the Executive Committee of CGS (Section A):

### **D-1 ENGINEERING INSTITUTE OF CANADA (EIC)**

The Engineering Institute of Canada has an Honours, Awards and Fellowships (HAF) Committee on which all member societies are represented. The Canadian Geotechnical Society is represented on this HAF Committee by the immediate Past-President of the Society for a 2-year term, or by a member of the Society to whom the President has delegated this responsibility. The procedures and schedule for EIC honours and awards are specified in the appropriate EIC document and can be found in Section D-3 of this manual.

Each member Society, through its representative on the EIC Honours and Awards Committee, is asked each year to submit the names (with the appropriate supporting documentation) of those individuals the Society wishes to be considered for the various awards and honours.

Members of CGS are eligible for the following EIC honours and awards.

#### **Sir John Kennedy Medal**

This medal was established in 1927 to commemorate the great services rendered to the development of Canada, to engineering science, and to the profession by the late Sir John Kennedy, President of the Institute in 1892. It is the most senior award of the Institute. This medal is awarded by the Council of the Institute at intervals of not less than two years, and only if the occasion warrants.

This medal is awarded in recognition of outstanding merit in the engineering profession, or of noteworthy contributions to the science of engineering or to the benefit of the Institute. As a guide in making the award, the life, activities and standing in the community and profession of the late Sir John Kennedy shall be taken into consideration.

Only members of the Member Societies of the EIC Federation are eligible for nomination.

#### **Julian C. Smith Medal**

This medal was established in 1939 by a group of senior members of the Institute to perpetuate the name of a Past President of the Institute (1928).

The medal is awarded for "achievement in the development of Canada".

#### **John B. Stirling Medal**

This medal was established in 1987 through the generosity of E.G.M., Cape and Company Ltd. to honour a former President of the Company who was President of the Institute in 1952.

The medal is awarded in recognition of leadership and distinguished service at the national level within the Institute and/or its Member Societies.

#### **Canadian Pacific Railway Engineering Medal**

Thanks to the generosity of CP Rail, this Medal was presented for the first time in 1988, by the Council of the Institute in recognition of leadership and service over many years at the regional, branch, section or equivalent levels, within the Institute or its Member Societies.

**K.Y Lo Medal** (created in 1998)

The K.Y. Lo Medal is awarded to a member of the EIC who has made significant engineering contributions at the international level. Such contributions may include:

- promotion of Canadian expertise overseas;
- training of foreign engineers;
- significant service to international engineering organizations;
- advancement of engineering technology recognized internationally

**Fellowship**

A member of CGS, of at least 45 years of age, can become a Fellow of the Institute on the grounds of excellence in engineering practice and exceptional contributions to the well being of the profession and to the good of the society.

**Honorary Membership**

The Council of the Engineering Institute of Canada may elect to Honorary Membership in the Institute, non-members who are not engineers but who have achieved distinction through service to the profession of engineering.

*Details of the rules and procedures governing the above awards are given in Section D-3 of this document.*

The names of CGS members who are past recipients of the EIC honours and awards are shown on the following lists.

<b>D-2 EIC AWARDS AND HONOURS FOR CGS MEMBERS</b>
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<b>Sir John Kennedy Medal</b>
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1977	R.F. Legget
1997	Benjamin Torchinsky
	Rémy G. Dussault
2003	Norbert R. Morgenstern
2005	Victor Milligan
2009	John (Jack) D. Mollard
2012	R. Kerry Rowe

<b>Julian C. Smith Medal</b>
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1970	R.F. Legget
1978	R.M. Hardy
1982	G.G. Meyerhof
1987	J.I. Clark
1989	Carl B. Crawford
1991	V. Milligan
1999	Jack D. Mollard
2001	François Tavenas
2004	Ed McRoberts
2005	Donald W. Hayley
2006	David M. Cruden
2007	David W. Devenny
2008	Branko Ladanyi
2009	Peter M. Byrne, Delwyn G. Fredlund
2010	Dennis E. Becker
2012	M.A.J. Fred Matich

<b>John B. Stirling Medal</b>
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1989	John I. Adams
	Rémy G. Dussault
1990	Michael Bozozuk
1996	Anthony G. Stermac
1999	Robert J. Mitchell
2002	Peter L. Wu
2004	Jim Graham
2005	Michel Aubertin
2006	John L. Seychuk
2007	Ray Benson
2008	Arun J. Valsangkar
2009	Suzanne Lacasse
2012	C. Derek Martin

**Canadian Pacific Rail Engineering Medal**

1990	Stanley Thompson
1991	John L. Seychuk
1995	Gordon McRostie
1996	A. Wayne Clifton
2002	John Gadsby
2003	Michael Bozozuk
2004	Dennis Becker
2005	Don Lewycky
2006	Victor A. Sowa
2007	Peter Lighthall
2008	Ryan Phillips
2009	Adrian Wightman
2010	Robert P. Chapuis

**K.Y. Lo Medal (established in 1998)**

1998	V. Milligan
1999	Suzanne Lacasse
2000	M.A.J. (Fred) Matich
2001	Chack Fan Lee
2002	Serge Leroueil
2003	R. Kerry Rowe
2005	Jacques Locat
2009	James (Jim) Graham
2011	W. D. Liam Finn

**Fellows of the Engineering Institute of Canada (FEIC)**

1965	R.M. Hardy R.F. Legget	1972	G.G. Meyerhof
1973	Jacques E. Hurtubise Donald H. MacDonald	1974	Pierre LaRochelle
1977	Donald H. Shields David L. Townsend	1978	Andrew Baracos
1979	Branko Ladanyi	1980	Remy Dussault T.C. Kenney Michel Massiéra

			Jean-Paul Morin G. Owen White John I. Clark
1981	John D. Morton Nyal E. Wilson	1982	Hugh W. Nasmith Charles F. Ripley
1983	Carl B. Crawford	1984	F.L. Peckover P. Yurkiw
1985	Donald J. Bazett Lorne W. Gold Norbert R. Morgenstern	1988	Michael Bozozuk Earl J. Klohn J. Garry Locker Gordon C. McRostie Frank Penner Laval Samson E. Karl Sauer A.G. Stermac Raymond Yong
1989	G.E. Bauer E.W. Brooker L.S. Brzezinski W.J. Eden G.H. Johnston Victor Milligan	1990	Z. Eisenstein James Graham M.C. Harris A.P.S. Selvadurai J.L. Seychuk
1991	R.P. Benson J.D. Brown D.E. Gill J.-J. Paré R.M. Quigley F.A. Tavenas	1992	R. Chevalier D.W. Devenny K.Y. Lo M.A.J. Matich G.P. Raymond W.A. Trow
1993	R.P. Chapuis C.J. Christensen M.S. Devata D.G. Fredlund R.J. Mitchell L.J.H. Palmer R.K. Rowe	1994	G. Ballivy J.F. Gartner J. Laing R.G. Campanella K.R. Peaker H.J. Jacques
1995	M.N. Gray T.K. Law	1996	D. Becker V.K. Garga D.C. Segó P. Wu Arvid O. Landva Jacques E. Locat Dennis E. Pufahl Bryan D. Watts Adrian Wightman
1998	Chuck Brawner Suzanne Lacasse Guy Lefebvre Chack Fan Lee Arun Valsangkar	1999	Alv. O. Dyregrov W.D. (Liam) Finn Serge Leroueil Ivan P. Lieszkowszky Victor A. Sowa
2000	Wayne Clifton Raymond Garneau Peter Kaiser Cyril Leonoff Boro Lukajic	2001	Richard Bathurst Peter Byrne Oscar Dascal Alan E. Insley Dougal McCreath

	<b>Peter Robertson</b>		<b>Ed. McRoberts</b>
			<b>Marius Roy</b>
			<b>Michael J. O'Connor</b>
<b>2002</b>	<b>Bengt H. Fellenius</b>	<b>2003</b>	<b>Michel Aubertin</b>
	<b>D.W. (Don) Hayley</b>		<b>Jean-Marie Konrad</b>
	<b>Jack D. Mollard</b>		<b>J.F. (Derick) Nixon</b>
	<b>Ian D. Moore</b>		<b>Yoginder P. Vaid</b>
<b>2004</b>	<b>S. Lee Barbour</b>	<b>2005</b>	<b>Alan S. Imrie</b>
	<b>David Cruden</b>		<b>John Krahn</b>
	<b>Anthony A. Tawil</b>		<b>Peter C. Lighthall</b>
<b>2006</b>	<b>T. Harry W. Baker</b>	<b>2007</b>	<b>Jean-Pierre Tournier</b>
	<b>C. Derek Martin</b>		
	<b>Dennis P. Moore</b>		
	<b>Ryan Phillips</b>		
	<b>Douglas F. Van Dine</b>		
<b>2008</b>	<b>Paul Chiasson</b>	<b>2010</b>	<b>J. Donald Scott</b>
	<b>Oldrich Hungr</b>		
<b>2011</b>	<b>Jean Hutchinson</b>	<b>2012</b>	<b>Mohamed Hesham El Naggar</b>
	<b>Wayne Savigny</b>		<b>Doug Stead</b>

**Fellows of the Engineering Institute of Canada  
(Alphabetical Listing)**

<b>Aubertin, Michel</b>	<b>2003</b>	<b>Devenny, D.W.</b>	<b>1992</b>
		<b>Dussault, Remy</b>	<b>1980</b>
		<b>Dyregrov, Alv. O</b>	<b>1999</b>
<b>Baker, T. Harry W.</b>	<b>2006</b>		
<b>Ballivy, G.</b>	<b>1994</b>		
<b>Baracos, Andrew</b>	<b>1978</b>	<b>Eden, W.J.</b>	<b>1989</b>
<b>Barbour, S. Lee</b>	<b>2004</b>	<b>Eisenstein, Z.</b>	<b>1990</b>
<b>Bathurst, Richard</b>	<b>2001</b>		
<b>Bauer, G.E.</b>	<b>1989</b>	<b>Fellenius, B.H.</b>	<b>2002</b>
<b>Bazett, Donald J.</b>	<b>1985</b>	<b>Finn, W.D. (Liam)</b>	<b>1999</b>
<b>Becker, D.</b>	<b>1996</b>	<b>Fredlund, D.G.</b>	<b>1993</b>
<b>Benson, R.P.</b>	<b>1991</b>		
<b>Bozozuk</b>	<b>1988</b>	<b>Gadsby, John W.</b>	<b>1997</b>
<b>Brawner C</b>	<b>1998</b>	<b>Garga, V.K.</b>	<b>1996</b>
<b>Brooker, E.W.</b>	<b>1989</b>	<b>Garneau, R.</b>	<b>2000</b>
<b>Brown, J.D.</b>	<b>1991</b>	<b>Gartner, J.F.</b>	<b>1994</b>
<b>Brzezinski, L.S.</b>	<b>1989</b>	<b>Gill, D.E.</b>	<b>1991</b>
<b>Byrne, Peter</b>	<b>2001</b>	<b>Gold, Lorne W.</b>	<b>1985</b>
		<b>Graham, James</b>	<b>1990</b>
		<b>Gray, M.N.</b>	<b>1995</b>
<b>Campanella, R.G.</b>	<b>1994</b>		
<b>Chapuis, R.P.</b>	<b>1993</b>	<b>Hayley, D.W.</b>	<b>2002</b>
<b>Chiasson, Paul</b>	<b>2008</b>	<b>Hardy, R.M.</b>	<b>1965</b>
<b>Chevalier, R.</b>	<b>1992</b>	<b>Harris, M.C.</b>	<b>1990</b>
<b>Christensen, C.J.</b>	<b>1993</b>	<b>Hutchinson, Jean</b>	<b>2011</b>
<b>Clark, John I.</b>	<b>1980</b>	<b>Hurtubise, Jacques E.</b>	<b>1973</b>
<b>Clifton, W.</b>	<b>2000</b>	<b>Hungr, Oldrich</b>	<b>2008</b>
<b>Crawford, Carl</b>	<b>1983</b>		
<b>Cruden, David</b>	<b>2004</b>		
		<b>Insley, Alan, E.</b>	<b>2001</b>
<b>Dascal, Oscar</b>	<b>2001</b>	<b>Imrie, Alan S.</b>	<b>2005</b>
<b>Devata, M.S.</b>	<b>1993</b>		

Jacques, H.J.	1994	Pufahl, Dennis E.	1997
Johnston, G.H.	1989		
		Quigley, R.M.	1991
Kaiser, P.	2000		
Kenney, T.C.	1980		
Klohn, Earl J.	1988		
Konrad, Jean-Marie	2003	Raymond, G.P.	1992
Krahn, John	2005	Ripley, Charles F.	1982
		Robertson, P.K.	2000
Lacasse Suzanne	1998	Rowe, R.K.	1993
Ladanyi, Branko	1979	Roy, Marius	2001
Laing, J.	1994		
Landva, Arvid O.	1997	Samson, Laval	1988
LaRochelle, Pierre	1974	Savigny, Wayne	2011
Law, T.K.	1995	Sauer, E. Karl	1988
Lee Chack Fan	1998	Scott, J. Donald	2010
Lefebvre G.	1998	Sego, D.C.	1996
Legget, R.F.	1965	Selvadurai, A.P.S.	1990
Leonoff, C.	2000	Seychuk, J.L.	1988
Leroueil, S	1999	Sowa, Victor A.	1999
Lieszkowszky, Ivan, P.	1999		
Lighthall, Peter C.	2005	Stead, Doug	2012
Lo, K.Y.	1992	Stermac, A.G.	1988
Locat, Jacques E.	1997		
Locker, J. Garry	1988	Tavenas, F.A.	1991
Lukajic, B.	2000	Tawil, Anthony A.	2004
		Torchinsky, Benjamin	1997
MacDonald, Donald H.	1973	Tournier, Jean-Pierre	2007
Martin, C. Derek	2006	Townsend, David L.	1977
Matich, M.A.J.	1992	Trow, W.A.	1980
McCreath, Dougal	2001		
McRoberts, Ed.	2001	Valsangkar Arun	1998
Michel Massiéra	1980	Vaid, Yoginder P.	2003
McRostie, Gordon C.	1988	Van Dine, Douglas, F.	2006
Meyerhof, G.G.	1972		
Milligan, Victor	1989	Wightman, Adrian	1997
Mitchell, R.J.	1993	Wilson, Nyal E	1981
Mollard, Jack D.	2002	Wu, P.	1996
Moore, Dennis, P.	2006		
Moore, Ian D.	2002	Yong, Raymond	1988
Morgenstern, Norbert R.	1985	Yurkiw, P.	1984
Morin, Jean-Paul	1980		
Morton, John D	1981	Insley, Alan, E.	2001
		Imrie, Alan S.	2005
Nasmith, Hugh W.	1982	Jacques, H.J.	1994
Naggar, Mohamed Hesham El	2012	Johnston, G.H.	1989
Nixon, J.F. (Derick)	2003		
O'Connor, Michael, J.	2001		
		Lacasse Suzanne	1998
Palmer, L.J.H.	1993	Ladanyi, Branko	1979
Paré, J.J.	1991	Laing, J.	1994
Peaker, K.R.	1994	Landva, Arvid O.	1997
Peckover, F.L.	1984	LaRochelle, Pierre	1974
Penner, Frank	1988	Law, T.K.	1995
Phillips, Ryan	2006	Lee Chack Fan	1998

Lefebvre G.	1998	Raymond, G.P.	1992
Legget, R.F.	1965	Ripley, Charles F.	1982
Leonoff, C.	2000	Robertson, P.K.	2000
Leroueil, S	1999	Rowe, R.K.	1993
Lieszkowszky, Ivan, P.	1999	Roy, Marius	2001
Lighthall, Peter C.	2005		
Lo, K.Y.	1992	Samson, Laval	1988
Locat, Jacques E.	1997	Savingy, Wayne	2011
Locker, J. Garry	1988	Sauer, E. Karl	1988
Lukajic, B.	2000	Sego, D.C.	1996
		Selvadurai, A.P.S.	1990
MacDonald, Donald H.	1973	Seychuk, J.L.	1988
Martin, C. Derek	2006	Sowa, Victor A.	1999
Matich, M.A.J.	1992	Stermac, A.G.	1988
McCreath, Dougal	2001		
McRoberts, Ed.	2001	Tavenas, F.A.	1991
Michel Massiéra	1980	Tawil, Anthony A.	2004
McRostie, Gordon C.	1988	Torchinsky, Benjamin	1997
Meyerhof, G.G.	1972	Townsend, David L.	1977
Milligan, Victor	1989	Trow, W.A.	1980
Mitchell, R.J.	1993		
Mollard, Jack D.	2002	Valsangkar Arun	1998
Moore, Dennis, P.	2006	Vaid, Yoginder P.	2003
Moore, Ian D.	2002	Van Dine, Douglas, F.	2006
Morgenstern, Norbert R.	1985		
Morin, Jean-Paul	1980	Wightman, Adrian	1997
Morton, John D	1981	Wilson, Nyal E	1981
		Wu, P.	1996
Nasmith, Hugh W.	1982		
Nixon, J.F. (Derick)	2003	Yong, Raymond	1988
		Yurkiw, P.	1984
O'Connor, Michael J.	2001		
Palmer, L.J.H.	1993		
Paré, J.J.	1991		
Peaker, K.R.	1994		
Peckover, F.L.	1984		
Penner, Frank	1988		
Phillips, Ryan	2006		
Pufahl, Dennis E.	1997		
Quigley, R.M.	1991		

### D-3 RULES AND PROCEDURES GOVERNING THE EIC AWARDS

A notice announcing the EIC Awards and Fellowship is published each year in CGS News in the June issue of Geotechnical News.

The notice provides the list of Awards and a short description of each as given in the CGS Honours and Awards Manual.

The notice also invites CGS members to submit their nominations to the Society Secretariat by not later than **01 July**. By EIC Policies, nominees must be members of CGS.

The CGS Executive Committee reviews all submissions and other possible candidates, with preliminary review of candidates by **July 15**, and final review and selection **by not later than 01 August**. The CGS Executive Committee find nominators for each of the selected nominees. The nominators will prepare EIC nominations for each nominee which are forwarded to the Secretary General by **October 1**.

The Secretary General is responsible for getting the documentation to the Awards, Honours and Fellowship (HAF) Committee of EIC before its deadline date, which is usually **01 November**.

The HAF Committee distributes nominations in electronic format. It reaches its decisions in a teleconference meeting, typically in December. The awards are usually presented in Ottawa in late February or early March.

### Nominations

Nominators are responsible for the completeness and accuracy of all information. This information is considered and treated as confidential. The information provided will be in four parts. Nomination documents must include (1) the EIC cover page, (2) a nomination letter, (3) the candidate's *Curriculum Vitae*, and (4) supporting letters from colleagues, who are preferably Fellows of the EIC (FEIC).

### Fellowship

No member can personally apply for the Fellowship. Nominations are to include two letters of recommendation from CGS Members, at least one of which should be an EIC Fellow. Nominators are responsible for the completeness and accuracy of the submitted documentation, which should include:

- Age
- Education, discipline, degrees, scholarships and other academic awards
- Professional and other relevant experience and, especially responsible experience
- Professional and other relevant awards
- Published papers, patents, etc.
- Record of service to the profession
- Record of service to the Society
- Other supporting information

RESPONSIBILITY FOR THE APPEARANCE OF THE NOTICE CONCERNING EIC AWARDS IN THE JUNE ISSUE OF GEOTECHNICAL NEWS RESTS WITH THE EDITOR OF CGS NEWS

## D-4 AWARDS OF MEMBER SOCIETIES OF THE ENGINEERING INSTITUTE OF CANADA

### CANADIAN SOCIETY OF CIVIL ENGINEERING (CSCE)

#### Gzowski Medal

The Gzowski Medal, established by the late Colonel Sir Casimir Gzowski, Past President of the Engineering Institute of Canada, is awarded annually for the best paper presented on a civil engineering subject in the areas of surveying, structural engineering and heavy construction.

***The Canadian Geotechnical Society, at CSCE's request, appoints one of its members to represent CGS on the Gzowski Medal Selection Committee. (1997 R. Chapuis, 2000 Michel Massièra, 2001 Richard Bathurst, 2006 Michel Aubertin)***

#### Winners, CGS Members

<b>1963</b>	<b>C.F. Ripley and D.B. Campbell</b> (Details not available.)
<b>1964</b>	<b>H.Q. Golder and G.C. Willeumier</b> (Details not available.)
<b>1987</b>	<b>M. Massièra and J.J. Paré</b> La tranchée à boue lourde du barrage OA-11. Comptes rendus, Congrès annual, Société canadienne de génie civil, Toronto 1986, <b>3</b> , 25p.
<b>1997</b>	<b>G.C. McRostie, L. Morissette and Michel St.Louis.</b> "Bottom-heave control of a deep sensitive clay excavation in Ottawa, Canada." Canadian Geotechnical Journal 33, 926-936.
<b>2002</b>	<b>Honorable Mention: R.W.I. Brachman, I.D. Moore, R.K. Rowe</b> "The performance of a laboratory facility for evaluating the structural response of small-diameter buried pipes." Canadian Geotechnical Journal 38, 260-275.
<b>2004</b>	<b>Dan Yang, Ernest Naesgaard, Peter M. Byrne, K. Adalier, and T. Abdoun</b>

- “Numerical model verification and calibration of George Massey Tunnel using centrifuge models”, Canadian Geotechnical Journal, Volume 41, 921-942.
- 2005 Kianoosh Hatami and Richard J. Bathurst.**  
“Development and verification of a numerical model for the analysis of geosynthetic-reinforced soil segmental walls under working stress conditions.” Canadian Geotechnical Journal, Volume 2, No.4, pp.1066-1085.
- 2008 Richard J. Bathurst, Tony M. Allen, and Andrzej S. Nowak**  
“Calibration concepts for load and resistance factor design (LRFD) of reinforced soil walls”, Canadian Geotechnical Journal, Volume 45, No. 10, pp. 1377–1392

### **Keefer Medal**

The Keefer Medal was established in 1942 in honour of T.C. Keefer, the first President of the Canadian Society of Civil Engineering which in 1918 became the Engineering Institute of Canada. The medal is awarded for the best paper on a civil engineering subject.

***The Canadian Geotechnical Society, at CSCE's request, appoints one of its members to represent CGS on the Keefer Medal Selection Committee (2001-present: Richard Bathurst).***

#### **Winners, CGS Members**

- 1948 J.D. Mollard.** Photo interpretation of transported soil materials. Proceedings, Canadian Geotechnical Conference. Reprinted in Journal, Engineering Institute of Canada 1949.
- 1974 E.K. Sauer.** Geotechnical implications of Pleistocene deposits in Southern Saskatchewan. Canadian Geotechnical Journal 11, 359-373.
- 1976 R.M. Hardy and E. D'Appolonia** (Details not available)
- 1980 R. Blanchet, F. Tavenas and R. Garneau.** Behaviour of friction piles in soft sensitive clays. Canadian Geotechnical Journal 17, 203-224.
- 1983 R.G. Horvath, T.C. Kenney and P. Kozicki**  
Methods of improving the performance of drilled piers in weak rock. Canadian Geotechnical Journal 20, 758-772.
- 1988 M.D. Haug, S.L. Barbour and P. Longval**  
Design and construction of a prehydrated sand-bentonite liner to contain brine. Canadian Journal of Civil Engineering 15, 955-963.
- 1993 K.W. Biggar, D.C. Segó and M.M. Noël.**  
Laboratory and field performance of high alumina cement-based grout for piling in permafrost. Canadian Journal of Civil Engineering 20, 100-106.
- 1994 K.Y. Lo, J.Q. Shang and I.I. Incullet.**  
Electrical strengthening of clays by dielectrophoresis. Canadian Geotechnical Journal 31, 192-203.
- 1999 R.B. Chapuis.** Overdamped slug test in monitoring wells: Review of interpretation methods with mathematical, physical and numerical analysis of storativity influence. Canadian Geotechnical Journal 35, 697-719.
- 2001 K. Rowe, C.J. Caers, G. Reynolds, and C. Chan**  
Design and construction of the barrier system for the Halton Landfill. Canadian Geotechnical Journal 37, 662-675.
- 2002 Laurie Neilson-Welch and Leslie Smith**  
Saline water intrusion adjacent to the Fraser River, Richmond, British Columbia. Canadian Geotechnical Journal 38, 67-82.
- 2003 David A. Dixon, Neil A. Chandler, Malcolm N. Gray and Jim Graham.**  
“Two large-scale sealing tests conducted at Atomic Energy of Canada's underground research laboratory: the buffer-container experiment and the isothermal test.” Canadian Geotechnical Journal 39, 503-518.
- 2004 R. Martel, L. Trépanier, B. Lévesque, G. Sanfaçon, P. Brousseau, M.-A. Lavigne, L.-C. Boutin, P. Auger, D. Gauvin, and L. Galarneau.**  
“Carbon monoxide poisoning associated with blasting operations close to underground enclosed spaces - Part 1 and Part 2”, Canadian Geotechnical Journal 41, 371-382; 383-391.

**James A. Vance Award****Winners, CGS Members****1986      Cameran Mirza****Whitman Wright Medal****Winners CGS Members****2001      John Krahn****Camille A. Dagenais Award**

This award was established in 1981 in honour of Camille A. Dagenais, Chair of the Board of the SNC Group Inc. and one of the most renowned hydrotechnical engineers in the country. The objective of the award is to give recognition to those civil engineers who have made outstanding contributions to the development and practice of hydrotechnical engineering in Canada.

**Notes:**

1. As of 1993 the Canadian Geotechnical Society nominates and CSCE appoints one CGS member to each of the Selection Committees for the Gzowski and Keefer Medals.
2. We apologize for any omission(s) in the list of CSCE Award winners. The list of winners is compiled from information available to us at the time of printing.

<b>D-5    EXTERNAL AWARDS AND HONOURS, RANKINE AND TERZAGHI LECTURERS</b>
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Members of the Canadian Geotechnical Society are also eligible for awards and prizes given by other organizations and institutions such as:

**The Killam Award** by Canada Council. Rated as Canada's highest award for career achievement in research.

**The Massey Medal** by the Canadian Geographical Society for outstanding personal achievement in exploration, development or description of the geography of Canada.

**The Gold Medal** by the Canadian Council of Professional Engineers (CCPE).

**The Gold Medal** by the Professional Institute of the Public Service of Canada for professional or technical workers employed by the federal, provincial or municipal government services of Canada who have made outstanding contributions in each of the following categories: pure or applied science and a field other than pure or applied science.

The Society may be asked to submit names of candidates for these awards and honours.

There are, no doubt, many other Society or government honours and awards for which Society members are eligible. Any Society member can, with proper documentation, recommend another member for an award. The final selection and submission of names of Society candidates, whether on request, at the recommendation of a Society member, or at the Society's own initiative, is the responsibility of the CGS Award Committee.

<b>HONORARY FELLOWSHIP, INSTITUTION OF CIVIL ENGINEERS (ICE), LONDON, UK</b>
--

This appointment is limited in number to only the most distinguished ranks of international engineers, currently totaling 35.

<b>R.F. Legget</b>	<b>1980</b>
<b>G. Geoffrey Meyerhof</b>	<b>2000</b>
<b>Victor Milligan</b>	<b>2005</b>

<b>CGS PRESENTERS OF THE RANKINE LECTURE</b>
--

The Rankine Lecture is the most prestigious invited lecture of the British Geotechnical Association (formerly the British Geotechnical Society) which is intimately connected with the Institution of Civil Engineers, London, England. Members of the Canadian Geotechnical Society have presented four of approximately forty-five Rankine Lectures. They are as follows:

<b>Norbert R. Morgenstern</b>	<b>1981</b>
<b>Evert Hoek</b>	<b>1983</b>
<b>Serge Leroueil</b>	<b>1999</b>
<b>Kerry Rowe</b>	<b>2005</b>

### **CGS PRESENTERS OF THE TERZAGHI LECTURE**

The Terzaghi Lecture is the 'prestige' lecture of the Geo-Institute of the American Society of Civil Engineers. Since 1975, Terzaghi Lectures have been presented by seven Members of the Canadian Geotechnical Society. They include:

<b>Geoffrey G. Meyerhof</b>	<b>1975</b>
<b>Robert F. Legget</b>	<b>1977</b>
<b>Norbert R. Morgenstern</b>	<b>1992</b>
<b>Evert Hoek</b>	<b>2000</b>
<b>Suzanne Lacasse</b>	<b>2001</b>
<b>Victor Milligan</b>	<b>2002</b>
<b>Delwyn G. Fredlund</b>	<b>2005</b>

## **E. CGS AWARDS CEREMONIES**

### **E-1 AWARDS PRESENTATION - PROCESS and SEQUENCE**

The Awards Ceremony takes place at a time agreed upon by the Conference Organizing Committee and the Canadian Geotechnical Society. The following notes refer to arrangements to be made when the Awards Ceremony is scheduled on the first day of the Annual Canadian Geotechnical Conference. Other detailed arrangements will be made when it is scheduled at another time.

When the ceremony is on the first morning, it is typically the third item in the Conference, following (1) the official opening, and (2) the R.M. Hardy Keynote Address. Some awards are biennial and are presented only every second year. The Awards Ceremony lasts 35 – 40 minutes. When conferences are organized as joint events (for example with the Canadian National Chapter of the International Association of Hydrogeologists, the Awards Ceremony may be treated as a parallel session.

#### **AWARDS AND SEQUENCE: CGS AWARDS CEREMONY**

##### **Section:**

**Announcement of CGS members who are recipients of other awards**

- B-1**     *(Note: The winner of the Legget Medal is announced in a separate ceremony at lunch-time on the first day of the conference.)*
- B-2**     **R.M. QUIGLEY AWARD**  
Winner plus two honourable mentions
- B-3**     **G. GEOFFREY MEYERHOF AWARD** – Soil Mechanics and Foundations Div.
- B-4**     **ROGER J.E. BROWN AWARD** – Cold Regions Geotechnology Division
- B-5**     **THOMAS ROY AWARD** – Engineering Geology Division
- B-6**     **JOHN A. FRANKLIN AWARD** – Rock Mechanics Division
- B-7**     **GEOSYNTHETICS AWARD** – Geosynthetics Division
- B-8**     **GEOENVIRONMENTAL AWARD** - Geoenvironmental Division
- B-9**     **ROBERT N. FARVOLDEN AWARD** – Hydrogeology Division
- B-10**    **GRADUATE STUDENT AWARD**  
First and second prize winners
- B-11**    **UNDERGRADUATE STUDENT AWARDS**
  - a) Undergraduate Student Report, Individual Submission  
First and second prize winners
  - b) Undergraduate Student Thesis, Group Submission  
First and second prize winners
- B-12**    **A.G. STERMAC AWARD**

**Monday morning - date, time**

**THE CGS AWARDS CEREMONY**

The Awards Ceremony takes place on the first morning of the Annual Conference, after (1) the opening of the conference and (2) presentation of the R.M. Hardy Address.

Sometimes at this stage it is appropriate to introduce any visiting dignitaries for example, from EIC, CSCE, CGC, etc. Alternatively, this can be done at the beginning of the Legget Medal Award Ceremony.

***Note that the following texts represent what has been done and said at recent Canadian Geotechnical Conferences. They have been revised for later conferences and are available on request from the Secretary General***

1. All Award winners and presenters are to sit on reserved seats in the front row of the auditorium. They will meet outside the meeting room 15 minutes before the start of the Opening Session and will move together into the auditorium 5 minutes before the Ceremony.
2. The Awards Ceremony (35 – 40 minutes) is on the first morning of the conference, before the coffee break. It follows after the Opening Ceremony (20 minutes) and the R.M. Hardy Keynote Address (55 minutes). If necessary, it may be treated as a separate parallel session.
3. The Secretary General (or delegate) will prepare a presentation including photographs of the winners. The conference organizers will provide a digital projector and screen to permit the presentation to be displayed when the names are announced.
4. Care should be taken to acknowledge both orally and visually the financial support provided by the Canadian Foundation for Geotechnique.
5. The President chairs the Awards Ceremony with assistance from the Secretary General and Administrator. Awards are actually presented by the people identified earlier in this manual - for example, Division Chairs for the Division Awards, etc. When the presenter is announced, he or she will come forward to the podium. The President then announces the winner of the award, who will come forward to receive the certificate from the presenter and congratulations from the President. The President presents the A.G. Stermac Awards.

6. There are no speeches of acknowledgement of the award and no 'official' photographs at the time of presentation. All presenters and winners are asked to stay in the meeting room after the end of the ceremony (during the coffee break) to allow photographs to be taken.
7. More detailed information about the Awards Ceremony are given in the Society's Conference Manual.
8. Efforts should be made to arrange with sponsored students that they will be acknowledged and should be present at the Awards Ceremony.

**(START of the actual Awards Ceremony)**

Ladies and Gentlemen, Mesdames et Messieurs:

One of the great pleasures of being President of the Society is the opportunity of recognizing excellence among our colleagues and congratulating them on the quality of their work.

At this time I would also like to thank

- the chairs of the divisions who nominated their award winners,
- The Editor (name) and his colleagues on the Editorial Board of the Canadian Geotechnical Journal who nominated authors of the R.M. Quigley Award, and
- Chair of our Education Committee (name) who with his colleague (name, Chair of the Student Competition Committee) who undertook the considerable task of selecting our student award winners.

Just a word before we begin. All of the winners are asked to stay in this room for a few minutes at the end of the ceremony so we can get photographs and names of award-winners for our our news magazine Geotechnical News. So if we could just wait here for a few minutes that would be very helpful.

The first of our awards is the

**R.M. QUIGLEY AWARD**

In 1995, after the early death of our colleague Bob Quigley, the former CGS Best Paper Prize was renamed the R.M. Quigley Award. It was presented for the first time in 1996. The Award is presented to the individual or individuals whose paper was judged to be the best paper published during the preceding year in the Canadian Geotechnical Journal.

I now call on (name), Editor of the Canadian Geotechnical Journal to come forward and present the framed certificates to the winners.

This year's winners of the R.M. Quigley Award are:

Names and title of paper:

Two additional papers published during the previous year in the Canadian Geotechnical Journal have been selected for "Honorable Mention"

The authors of the first of these papers are:

Names and title of paper:

The authors of the second paper for Honorable Mention are:

Names and title of paper:

**G.GEOFFREY MEYERHOF AWARD**

The G.Geoffrey Meyerhof Award is presented a Society member for outstanding and significant contributions to the art and science of foundation engineering. Contributions can be either theoretical or practical. They can be novel design or construction methods, practices and equipment; or innovative usage of existing ones. They can be any other contributions which have significantly advanced the art and science of foundation engineering.

The Award will be presented by (name), Chair of the Soil Mechanics and Foundations Division of the Society.

I am pleased to announce the 20.. winner of the G. Geoffrey Meyerhof Award is

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Citation:

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**THE THOMAS ROY AWARD**

The criteria for the Thomas Roy Award say it is presented (a) to the author or authors of the best paper on the practice of engineering geology or geotechnical engineering in which the role of geology is emphasized, or b) to honour an individual for his or her excellence in the field of Engineering Geology in Canada. Thomas Roy is one of the earliest geologists and civil engineers whose work is recorded in Canada. The award will be presented by (name), Chair of the Society's Engineering Geology Division.

It is now my pleasure to announce the winner of the Thomas Roy Award for 20.. is

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Citation:

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**THE ROGER J.E. BROWN AWARD**

The Roger J.E. Brown Award is presented to an individual (preferably Canadian)

a) for publishing the best paper on permafrost science or engineering in the Canadian Geotechnical Journal or Canadian Journal of Earth Sciences, or in Proceedings of national or international Permafrost Conferences,

b) to honour an individual for his/her excellence in the field of permafrost.

The award will be presented by (name), Chair of the Society's Cold Region Division.

The recipient of the 20.. Roger Brown Award is

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Citation:

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**THE JOHN A. FRANKLIN AWARD**

The criteria for the Award say it recognizes an outstanding technical contribution to the application of the principles of rock mechanics and/or rock engineering in civil, mining, or petroleum engineering. The contribution may be theoretical or practical. The contribution must have been published in the two years preceding the award year or present recent research, engineering excellence or technology transfer. The award is now given biennially. The award will be presented by Chair of the Society's Rock Mechanics Division, (name)

I am pleased to announce that the winner of the Award for 20 is

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Citation:

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**THE GEOSYNTHETICS AWARD**

This award is given biennially (starting in 2000) to recognize an individual or individuals who have made an outstanding technical contribution to the use of geosynthetics in Canada and/or internationally. The award recognizes theoretical, practical or case study applications of geosynthetics in civil, geotechnical or Geoenvironmental engineering. The contribution shall be one of:

- a) a technical publication in the Canadian Geotechnical Journal, an official journal of the International Geosynthetics Society, or any other peer-reviewed technical journal
- b) a book or chapter of a book
- c) a keynote or invited lecture published in the proceedings of a conference of a learned society

The contribution must have been published in the two calendar years preceding the award year.

The award is presented by the Chair of the Geosynthetics Division (name).

I am pleased to announce that the winner of the Award for 20 .... is

Citation:

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**THE GEOENVIRONMENTAL AWARD**

This award is given biennially (starting in 2000) to recognise an individual or individuals who have made an outstanding technical contribution to the practice of multidisciplinary Geoenvironmental engineering in Canada and/or internationally. The contribution may be theoretical, practical, or involve a case study. The contribution shall be a technical publication in the Canadian Geotechnical Journal, the Canadian Journal of Civil Engineering, the Canadian Journal of Earth Science, or in an annual conference of the Canadian Geotechnical Society, Canadian Society of Civil Engineering, or the International Association of Hydrogeologists IAH-CNC.

The contribution must emphasize the multidisciplinary nature of Geoenvironmental engineering by involving at least three of the technical subdisciplines that include soil mechanics, clay mineralogy, geosynthetics, inorganic chemistry, organic chemistry, analytical chemistry, hydrology/hydraulics, hydrogeology/geohydrology, soil science/agronomy, microbiology, or toxicology.

The contribution must have been published in the two calendar years preceding the year of the award.

The award is presented by the Chair of the Geoenvironmental Division (name).

I am pleased to announce that the winner of the Award for 1998 is

Citation:

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**THE ROBERT N. FARVOLDEN AWARD**

The Robert N. Farvolden Award is used to honour outstanding contributions to the disciplines of earth science and engineering that emphasize the role or importance of groundwater. It is a joint CGS – IAH-CNC Award and is presented in consultation with the Canadian National Chapter of the International Association of Hydrogeologists (IAH-CNC). The award honours the early and important contributions of Robert Farvolden to the practice of groundwater science and engineering in Canada. The Award is presented to an individual or group to recognize excellence in one or more of the following broad areas of hydrogeology: research and publication, professional practice and education, and service to the professional community or public, either nationally or internationally. A nomination describing the contributions of the candidate(s) must be submitted to the Secretariat in accordance with the procedure and schedule listed below. The Award Selection Committee may reject, without further consideration, any nomination that, in their opinion, does not adequately detail the contributions of the candidate(s).

The award is presented by the Chair of the Hydrogeology Division (name) and the President of IAHCNC.

I am pleased to announce that the winner of the Award for 20\_ is

Citation:

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Now we come to the very important awards that reflect our commitment to the women and men who will be the future leaders of the profession and the Society.

As part of our emphasis on the importance of students and EITs to the profession, many of our regions sponsor young people to attend the conference. Support for these sponsorships comes from a) the region, b) the national society, and c) the conference organizers. This year, sponsorship has come from: Will the sponsored students and EITs please stand and be recognized when your name is announced.

<i>Region</i>	<i>Name and affiliation</i>
British Columbia	
N. Alberta and Territories	
S. Alberta	
Saskatchewan	
Manitoba	
N. and NW Ontario	
S. Ontario	
W. Québec	
E. Québec	
Atlantic	

Now we come to our postgraduate and undergraduate student awards. This year, the competitions have been organized by (name). Cheques for the prizes for the student awards come from the Canadian Foundation for Geotechnique. The Awards and cheques will be presented by the President of the Foundation (name).

The first of these awards is the

**GRADUATE STUDENT PAPER AWARD**

The FIRST PRIZE is presented to the geotechnical graduate student whose paper and presentation of the paper was judged to be the best. The value of the award is \$750 for first prize and \$500 for second prize. Each gets free registration in the Society for one year, and the first prize winner is assisted with travel funds to present the paper at the conference. The winning paper will be given as part of the advertised programme on Wednesday morning after the CGS Colloquium.

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It is now my pleasure to announce the winner of the Graduate Student Paper Award for (year) is

Title of paper:

We look forward to the presentation by the winner of the Graduate Student Award on Wednesday morning immediately following the Canadian Geotechnical Colloquium. .

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The (year) SECOND PRIZE winner in the GRADUATE STUDENT PAPER COMPETITION is

Title of Paper:

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**UNDERGRADUATE STUDENT REPORT AWARD, INDIVIDUAL SUBMISSION**

The UNDERGRADUATE STUDENT REPORT AWARD FOR INDIVIDUAL SUBMISSION is presented to the geotechnical undergraduate student whose Thesis was judged best in the competition. Again, the first prize winner gets an award of \$750. The second prize is \$500. Both winners get one year of membership in the Society and free registration at the annual conference.

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The winner of the Award for (year) is

Titre de l'Article:

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The winner of the SECOND PRIZE in the Undergraduate Student Thesis competition is

Title of Thesis:

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**UNDERGRADUATE STUDENT REPORT AWARD, GROUP SUBMISSION**

The UNDERGRADUATE STUDENT REPORT AWARD FOR GROUP SUBMISSION is presented to the geotechnical undergraduate students whose report was judged best in the competition. The first prize winners share an award of \$750, while winners of the second prize share \$500. Both sets of winners get one year of membership in the Society and free registration at the annual conference.

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The winners of the Award for (year) are

Title of Report:

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The winners of the SECOND PRIZE in the Undergraduate Student Report competition for Group submission are

Title of Report:

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**A.G. STERMAC AWARDS**

The last but not the least of the Society's Awards are the A.G. STERMAC AWARDS. These awards were formerly known as the DISTINGUISHED SERVICE PLAQUES. They are presented for distinguished service to the Canadian Geotechnical Society. However, to mark the retirement in 1998 of former President, Legget Medal winner, and for twelve years, Director-General of the Society, the Executive invited Tony Stermac to permit his name to be associated with this award. The Society's Executive were very pleased when Tony Stermac agreed to have his name associated with this award.

During Tony's term as Director-General, the Society developed its two-fold strategy of 'regional groups' providing general services to members on a general basis, and national 'divisions' that provide more specialized service. Three other things mark Tony's stewardship of the Society - (1) sound, cost-effective administration, (2) the involvement of many members in the organization of the Society, and (3) an emphasis on continuing education and professional development. As a Society we are deeply indebted to the legacy left to us by Tony Stermac.

In accepting the invitation to associate his name with the awards, Tony Stermac wrote:

"I am greatly honoured and most grateful to the Society for such a demonstrable appreciation of my contributions to the Society. Whatever I have done and contributed was always less than what I have received. The Society was and is, very dear to my heart. Working with and for the society was therefore always so easy and such a rewarding experience. To all those instrumental in making this award, please convey my most sincere thanks."

The A.G. STERMAC AWARDS are presented each year to a small number of members who have contributed specific or special, worthy and significant service(s) to the Society.

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The first of this year's Stermac Awards goes to

Citation:

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The next Stermac Award goes to

Citation:

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*Continue with remaining Stermac Awards*

CONCLUSION OF AWARDS CEREMONY

This is now the end of our awards ceremony.

May I just add a final word of congratulations to all the winners? Well done all of you.

While we have singled out these members and students for particular attention, I just want to add to the list of winners all of those in the regions and divisions who work so hard on behalf of the society. In my book, you are all winners.

Can I just remind you that all of the winners are asked to stay here in this room for a few minutes to make sure that we have all the information and photographs needed for Geotechnical News?

Thank you. This is the end of the first session of this year's conference. We look forward to meeting many of you in the display area outside where coffee is being served.

The session is adjourned.

## **E-2 THE R.F. LEGGET MEDAL LUNCHEON**

The R.F. Legget Medal, the highest Society recognition, is presented to the winner at the Legget Medal Luncheon held on the first day of the Conference. The Legget Medal is the most senior and prestigious award of the Society. It is presented annually to an individual who has made the most significant personal contributions to a series of criteria that include:

- relationships between civil engineering and engineering geology
- theoretical and applied solutions to problems of national interest
- supervision of geotechnical or civil engineering projects of importance to the Canadian economy, or
- encouragement and stimulation of co-workers, associates and students.

The Medal remembers with pride the formative role of Dr. Legget in stimulating and developing a strong profession of geotechnical engineering in Canada. The Medal is in the form of an engraved medal from the Royal Canadian Mint, and framed certificate. The cost of the medal is provided by the Canadian Foundation for Geotechnique from a legacy left by the late Dr. Legget.

Before the conference, the President will arrange with the recipient for a member of the Society to introduce the Award winner. A written copy of the introduction is to be provided to the Editor, CGS News. The introduction should be short (5 minutes). The President will also arrange in advance that the Chair of Canadian Foundation for Geotechnique is invited to speak briefly about the work of the Foundation and to participate in presenting the cheque.

### **Overview of the Ceremony.**

- The ceremony is chaired by the Society President. This is often a time for brief greetings from the Presidents (or delegates) from organizations like EIC, CGC, CSCE, IAH-CNC and DFI.
- At the appropriate time after lunch has been served, the President calls on the President of the Canadian Foundation for Geotechnique to outline the functions of the Foundation.
- The CGS President then calls on the previously selected member to present a 5-minute Introduction of the winner.
- At the end of the Introduction the President presents the medal plaque and certificate to the winner with the President of the Canadian Foundation present.
- The President, introducer, Chair of CFG and the winner wait for photographs to be taken.
- The Award winner then is given the opportunity to express thanks and appreciation for the Award. The winners reply should last not more than 10 minutes.
- The President should check with the Chair of the Organizing Committee if there are any announcements. After the winner has finished his speech of thanks, the President simply congratulates him, shakes hands, and then closes the luncheon session.

## **E-3 THE R.F. LEGGET DINNER**

The “Legget Dinner” is organized to provide an opportunity for past Legget Award and Legget Medal winners and other invited guests to spend pleasant time together. Following some years when the Legget Dinner was held irregularly, the CGS Executive decided in 2004 to return to holding it annually on the Wednesday evening following the end of the conference.

Further details about the Legget Dinner can be found in Attachment 9, to Section 2.10.1D of the Society Conference Manual, available in the members’ area of the CGS website at <http://cgs.ca/login.php>