

**Annual Report**

**2013 | 2014**

**The Canadian Society for Civil Engineering**



**HALIFAX**

**2014** May 28 - May 31  
CONFERENCE



**SUSTAINABLE MUNICIPALITIES**

# Table of Contents

- 3 Minutes of the 2013 Annual General Meeting
- 5 President's Report
- 7 Executive Director's Report
- 8 Senior Vice-President's Report
- 12 Report of the Honorary Treasurer
- 13 Report of the CSCE Foundation 2013-2014
- 14 Report of the Vice President, Technical Divisions -  
Programs Coordinating Committee
- 16 CSCE Second Century Fund
- 17 Report of the Vice President, Technical Programs -
- 20 Report of the Administration Coordinating  
Committee—2013–2014
- 24 Report of the 2014-2015 Nominating Committee
- 25 Membership Statistics 2013 and 2012
- 26 Auditors' Report and Financial Statements  
September 30, 2013

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# Minutes of the 2013 Annual General Meeting (AGM) Held May 31, 2013 Sheraton Centre Hotel, Montreal, QC

## 1. Call to Order

The 2013 Annual General Meeting (AGM) of the Canadian Society for Civil Engineering was called to order by President Jim Kells at 1:20 p.m. It was determined that quorum was present as per Section 13.1 of the bylaws and thus the meeting was duly constituted.

Before beginning the formal business proceedings, President Kells introduced the members of the Board of Directors of the Society. He also gave brief memorial tributes to former Presidents of the Society who passed away in the past year, namely Dr. Laurie Kennedy (President 1975-76; passed away July 1, 2012) and Mr. Keith Bowers (President 1990-91; passed away May 16, 2013). President Kells also introduced all of the former Presidents of the Society present at the AGM.

## 2. Adoption of the Agenda

On a motion by Mike Bartlett, seconded by Peter Wright, the proposed agenda for the meeting was presented to the members for acceptance. The motion was carried unanimously.

## 3. Approval of the Minutes of the 2012 Annual General Meeting, June 8, 2012 (Edmonton, AB)

On a motion by Vic Perry, seconded by Mike Bartlett, the minutes of the 2012 Annual General Meeting were presented to the members for acceptance. The motion was carried unanimously.

## 4. Business Arising from the previous meeting

There was no business arising from the minutes of the Annual General Meeting of June 8, 2012.

## 5. President's Report

The President, Jim Kells, verbally presented his report and spoke of CSCE's activities of the past year, in particular the adoption of three new strategic Directions for the Society and the progress made with respect to implementing actions in accordance with the strategic directions. He also offered an expression of thanks to the office staff in Montreal, to the 'army' of CSCE volunteers, and to the members for affording him their trust as President. On a motion from Ron Townsend, seconded by Cathy Lynn Borbely, the President's report was presented to the members for acceptance. The motion was carried unanimously.

## 6. Other Annual Reports from the Executives

On a motion proposed by Tony Begin, seconded by Mike Bartlett, all reports published in the 2012-13 Annual Report were presented to the members for acceptance. The motion was carried unanimously.

## 7. Report of the Honorary Treasurer

The Honorary Treasurer's report, including the audited CSCE financial statements for the fiscal year ended September 30th, 2011, were presented as published in the 2011-2012 Annual Report.

7.1 Dan Dankewich advised the members that the net revenue as shown the audited financial statements (surplus of \$3,099) and not the amount referenced in his report on page 14 of the Annual Report (\$30,000) is the correct figure for net revenue for the year ending September 30, 2012. In a motion proposed by Dan Dankewich, seconded by James Garland, the report of the Honorary Treasurer, along with the financial statements for the fiscal year ended September 30, 2012, were presented to the members for acceptance. The motion was carried unanimously.

7.2 On a motion proposed by Dan Dankewich, seconded by Tony Begin, the firm Ouseley Hanvey Clipsham Deep was proposed to the members as auditors of the Society for the fiscal year 2012-13. The motion was carried unanimously.

## 8. Report of the Nominations Committee

The Report of the Nominating Committee (Board members only) was distributed to the AGM prior to the meeting. Randy Pickle further advised the members that Wade Zwicker had accepted the position of Conference Coordinator reporting to the Vice-President, Technical Programs and that the Infrastructure Committee was henceforth reporting to the VP Technical Programs.

On a motion proposed by Randy Pickle, seconded by Vic Perry, the new slate of Board members was presented to the members for acceptance. The motion was carried unanimously.

## 9. Ratification of actions of officers and directors

On a motion by Mike Bartlett, seconded by Medhat Shehata, the ratification of actions of officers and directors since the last Annual General Meeting was proposed to the members. The motion was carried unanimously.

## **10. Other Business**

10.1 Brian Burrell requested members to consider participation on the Career Development Committee.

10.2 George Akhras asked a question about the selection process for the Senior Vice President position, and in particular how the selection had been made of this member who resigned earlier in the year. President Kells briefly replied as to the process followed and that the choice was made by the Nominating Committee in what was thought to be the best interests of the Society in a manner consistent with the by-laws.

## **11. Presentation of President's pin**

President Jim Kells made a few remarks about the incoming President, Reg Andres, and then presented Reg with the President's pin and welcomed him as the next President of CSCE.

## **12. Adjournment**

On a motion by Saeed Mirza, seconded by Medhat Shehata, adjournment of the meeting was proposed at 1:55 p.m. The motion was carried unanimously.

Immediately following adjournment of the AGM, President Reg Andres addressed the assembly by making a few remarks as to his plans for the coming year.

# President's Report

It has been my privilege to serve as CSCE President this past term. I can hardly believe that a year has come and gone. As the Annual Meeting is approaching it is a time for reflection on what has been accomplished and yet I find myself focusing on so much that is not yet accomplished. It has been a busy year. First, in terms of my involvement outside of the normal management activities of the Society (i.e. National Management Committee meetings, Board of Director meetings, Executive meetings, etc.), the following highlights a number of things that kept me busy:

- National Lecture Tour – November 2013 presentations (2) with Nick Larson (Chair IRC) hosted by London Chapter at University of Western, and Niagara Chapter at McMaster University (Topic: Canadian Infrastructure Report Card) {Leadership in Sustainable Infrastructure}
- EIC Board of Directors meetings – September 2013 (attended by Jim Kells on my behalf) and March 2014
- CSCE Toronto Chapter / ACI joint dinner meeting – January 2014 presentation with Nick Larson (Topic - Canadian Infrastructure Report Card) {Service to Members / Leadership in Sustainable Infrastructure}
- Canadian Society of Administrative Executives (CSAE) – February 2014 symposium for Chief Executive and Chief Elected Officers with Doug Salloum – in Ottawa
- Canadian Cement Association (CCA) – March 2014 meeting with President and Executive Director of CCA to discuss concern for Provincial policies regarding wood preferences in design of public buildings {Leadership in Sustainable Infrastructure}
- Council of Deputy Ministers of Transportation and Highway Safety – March 2014 presentation to Engineering and Research Committee with Nick Larson and Doug Salloum (Topic – Canadian Infrastructure Report Card and sustainability rating system for infrastructure {Leadership in Sustainable Infrastructure}
- Webinar with Science Media Canada – April 2014 presentation by Nick Larson to national media / journalists on Canadian Infrastructure Report Card {Leadership in Sustainable Infrastructure}
- Canadian Infrastructure Report Card – 2013 / 2014 on-going Steering Committee meetings for the development of the next iteration of the National Infrastructure Report Card {Leadership in Sustainable Infrastructure}

While engaging in these activities the thinking was always focused on how these were advancing CSCE's goals. The challenge is an effective implementation of CSCE's vision and three (3) strategic directions. This is where I think of so much more that needs to be done. In some measure I feel this past year has been one of learning and understanding better how the CSCE and its complex structure works. Some intriguing and interesting concepts presented at the CSAE Symposium that I attended with Doug Salloum in Ottawa challenged us to think about a more effective operation considering issues such as:

- The special nature of voluntary organizations
- The working relationship between the President and Executive Director
- Leading people and volunteer engagement
- Leading strategically and a "strategic" Board agenda
- Leading change and creating the desire for change

This experience has impacted some thinking about our operational processes and hopefully will help to improve the effectiveness of our limited time and resources.

I would consider this past year to be one of preparation for bigger and better things to come for CSCE. In all honesty I have to admit that if I did not have a second year to serve as President I would feel unfulfilled for not having better accomplishments for the Society. I feel there is much to do and with the preparation year just past, the coming year is filled with anticipation of moving much closer to some activities that I am trusting will provide a stronger sense of achievement. The importance of the accomplishments of this past year have provided a clearer view of the road ahead and with that I am excited about the coming year.

I realize this report is presented in a personalized tone. I intended it to be so because this is a very personal activity with a heavy reliance on so many people that I have come to appreciate. With that I need to thank all of you for your support this past year. I do not take it for granted.

I have gained an extra measure of respect for those who have served the CSCE in the role of President before me. Many thanks to my immediate predecessor, a friend and dedicated civil engineer, Jim Kells, who helped prepare me for the job.

I would like to thank our Executive Director, Doug Salloum and our Senior Vice-President, Tony Begin. As the Executive for CSCE I could not ask to part of a better team of individuals.

Tony's focus with the Regions and Sections in his VP role has been a very positive influence in the leadership team. His drive and focus on strengthening member services through a stronger relationship between Regions / Sections and the Divisions/Committees has provided a good balance to my own focus on sustainable infrastructure. I also need to thank Tony for visiting our Hong Kong Branch this past fall when I was unable to attend.

As the third part of the leadership team I have appreciated Doug Salloum and his dedication to CSCE's vision and focus on our strategic directions. Doug and the head office staff (Lois, Mahmoud, Patsy, Amie and Patricia) have served CSCE well throughout the year motivated with a vision for the Society as a strong and effective association in Canada. Doug and I learned so much about the CSCE and about each other when we attended the CSAE symposium for Chief Executive and Chief Elected Officers in Ottawa. We gained some important insights into the operation and governance of a non-profit organization. I am looking forward to this on-going relationship for another year.

Thank you to all the CSCE leaders and your volunteer time to participate in Committees, Divisions, Regions, Sections and administrative roles. Without you there is no CSCE. Your dedication to the Society makes a difference for all members and

for the profile CSCE enjoys at all levels. It also makes a difference in your own life as a professional and what it means to be involved in the field of civil engineering. CSCE as a “learned society” has a strategic role to play in the history of our nation. Be proud of your past accomplishments and I hope you will be excited to share in “history making” accomplished in the future. I have a vision for CSCE to be elevated even higher in the Canadian mosaic in meeting the challenges of leading our country to be a sustainability leader among nations! Civil engineering must play a lead role if we are to meet this challenge.

Finally, I want to thank all the members of CSCE. Thank you for being a member. I trust you feel it is a worthy organization in which to invest your time. My interaction with you has primarily been through the monthly e-Letters. You have been so kind to read them and so many of you have responded to them with personal messages and feed-back. You made it worthwhile to spend the time to try to write something of interest that had a general theme of advancing our understanding of the role of civil engineering in Canadian society.

Respectfully submitted,

**Reg Andres**, P.Eng., FCSCE  
President, CSCE

# Executive Director's Report

## Financial results:

For the second year in a row our financial results were essentially break-even. We had good net revenues from the Montreal Annual Conference (\$148,000) but CSCE's Life Long Learning and Publications activities continue to struggle. The professional development market is increasingly difficult for CSCE, as new training companies and formats compete with our Section based face-to-face approach. On the Publications side, whereas our new bi-weekly electronic news service has been well received and is profitable, our magazine is having a hard time earning sufficient revenues to cover the costs of set-up, printing and mailing.

On the good news side, administrative costs decreased compared to last year, as operational efficiencies at National Office continue to have a positive impact on the bottom line. Reserves remain strong and the financial future of CSCE is solid.

## Strategic Directions - General:

A new and soon to be basic feature of CSCE's operation is a report card to the members on our Strategic Directions. Our President will be updating members concerning strategic actions proposed for this year and of the status of these actions, at the Annual General Meeting in Halifax. Thereafter, this report card of proposed versus completed strategic actions will be provided to members quarterly.

New Strategic Actions will be added to the Report Card at least annually, as work plans are developed by the Board of Directors, Divisions, Committees and Programs. All Sections and Regions are also urged to focus their own activities on the delivery of concrete initiatives that support one or more of our Strategic Directions.

## Strategic Directions – National Office Actions:

### Strategic Direction 1 - Enhanced services to members:

- National Office, with the assistance of the Communications Committee lead by Mike Hnatiuk, designed and delivered a new e-bulletin service to members. This e-bulletin is now being sent to all members every two weeks. National Office welcomes contributions to the e-bulletin, the sections of which strictly follow our 3 Strategic Directions. The e-bulletin, in addition to providing more information to members in a convenient electronic format, is a new source of income for our Society, as we receive 20% of the ad revenue from this service.

### Strategic Direction 2: Growing with youth:

- Amie Therrien has again been hired to work on all our Young Professional and Student activities. In this she supports the excellent work of our volunteer Chair of Student Affairs, Charles-Darwin Annan and the Chair of our Young Professional Group, Nigel Parker.

### Strategic Direction 3: Leadership in Sustainable Infrastructure

- National Office is working hard to consolidate CSCE's Award for Governmental Leadership in Sustainable Infrastructure as a prestigious national award.

I want to thank all our volunteers, in particular those who are stepping down after years of service to CSCE. You can see the names of these essential contributors to our organization in the 2014 Awards Booklet which is posted on our website. I also want to thank our National Office staff, who continue to support you, our members, in a professional, prompt and courteous manner.

**Doug Salloum**, Executive Director

# Report of the Senior Vice President

The six (6) Regional Vice-Presidents have been quite active in terms of communication, visits and support with the Sections in their Region. In early fall 2013, an information session slide show was created in order to assist the Regional Vice-Presidents in their interaction with the Sections. Listening and understanding the needs and expectations of the members associated with each Section have been the top priority.

A total of eight (8) RCC Meetings conference call meetings were organized in the course of the year. An action plan with ten (10) action items organized in accordance with CSCE tree strategic directions was followed and completed successfully.

Among the deliverables, we find a webcasting guidelines document which will enable National Office, Regions, Branch, Sections and Student Chapters to produce, share and archive speaker conference material between each other and make it available to the members. Also, a closer collaboration between with PCC Divisions and Sections was initiated.

For the first time, the identification of candidates for the Excellence in Innovation in Civil Engineering Award and Governmental Leadership in Sustainable Infrastructure Award was conducted in collaboration with the Sections within each Region across Canada. A 2014 update of the section handbook was worked on and adapted to integrate this new responsibility for the Sections.

As the Regional Vice-Presidents have prioritized to interact closely with all active Sections across Canada on a periodical basis, the Senior Vice President, VP International and VP Technical Programs have visited the Hong Kong Branch at the end of October, 2013. They attended the HKB annual dinner event and participated in the first “Canada Builds: Canadian Civil Engineering and Related Projects – Knowledge and Expertise Sharing” conference session. In a near future, with the webcasting functionality, some learning material would be transmitted from our International Branch to our members in Canada.

Seventy-five (75%) pourcent of Sections

across Canada are now active compared to seventy (70%) pourcent a year ago. We are particularly proud of the reactivation of the Montreal Section. See the details in the following reports from each Regional Vice-Presidents:

## Atlantic Region

**Vice-President, Susann Hickey, P.Eng., FEC, MCSCE**

The Atlantic Region comprises four Sections, including Newfoundland and Labrador, Nova Scotia, Western New Brunswick, and Eastern New Brunswick and Prince Edward Island.

The **Newfoundland and Labrador (NL) Section**, chaired by Bing Chen, has been active in the past year and is continuing in its efforts to host seminars, support student competition and to promote the civil engineering profession and CSCE membership. The NL Section held regular Executive Committee meetings and provided guidance to the Memorial Student Chapter.

The Section actively participated in and supported in community and student events, such as the Great Northern Concrete Toboggan Race and Iron Ring Ceremony. The section also supported the Faculty of Engineering Open House held March 2013 in coordination with PEGNL to support National Engineering and Geoscience Month activities. With the support of the NL Section, the Memorial Student Chapter successfully organized the Finale of the first CSCE-MUN Bridge Competition in March 2013. The Section also launched the “Engineering Your Future” seminar series for civil graduating students and young engineers, providing two seminars in 2013.

Based on the continued collaboration between the section and two sponsors as well as Memorial University, two scholarships (the Ann (Mooney) Bridger-Dillon Consulting/CSCE NL Section Scholarship and Tiller Group of Companies/CSCE NL Section Scholarship) were renewed for a second 3-year term.

2014 marks the NL Sections 30th anniversary. The section is preparing to hold its 2014 Annual General Meeting (AGM), to celebrate past achievements and develop future strategy. By collaborating with several other associations, the AGM will be jointly held with the

International Conference on Marine and Freshwater Environments (iMFE) 2014 from August 6-8 in St. John’s.

The **Nova Scotia Section**, local organizing committee (LOC) is hard at work preparing for hosting of the Society’s 2014 Annual Conference. The LOC is holding regular coordination meeting in anticipation of the conference, which will be held from May 28th to 31st, 2014 at the Marriott Harbourfront Hotel in downtown Halifax. The conference theme, “Sustainable Municipalities”, promotes the central role of civil engineering systems in municipalities and the increasing importance of innovative solutions to create sustainable practices that can be implemented locally, nationally and internationally.

The **Western New Brunswick Section** is in the process of rebuilding. There is currently no chair of the Western New Brunswick Section. The active members are located at the university, so the focus of the activities undertaken has been on supporting the student chapter.

A supper was held at the University of New Brunswick campus, hosted by the section. The objective of the evening was to match students and local practitioners and included guest speaker, John McLaughlin, a past president of UNB. This was the 2nd annual supper of this type organized by the Western New Brunswick Section.

During this past term, students organized a lunch time talk on P3 Project delivery, delivered by Fred Blaney, the ADM of Partnerships NB. Other technical talks are being planned for presentation in 2014.

The **Eastern New Brunswick and Prince Edward Island Section** was chaired by Luc DeGrâce until November 2013 and then by Gerard Poiras. This Section holds executive meetings regularly and has good executive member representation with 10 filled executive positions including chair, vice-chair, treasurer, among others. The sections Annual Meeting was held in October 2013.

A number of activities were held for members over the past year including a presentation on the Killam Drive Roundabout. The Eastern New Brunswick and Prince Edward Island Section provides strong support for the local student Section and over the past year provided their annual student jobs shadowing ac-

tivity as well as providing support to the National Concrete Canoe Competition.

The Eastern New Brunswick and Prince Edward Island Section has planned to hold a number of events in the upcoming year, including a wine and cheese event for members and various workshops. The Section will also be hosting the National Lecture Tour on Smart Technologies and Structural Health Monitoring for Civil Engineering in June 2014. The annual job shadowing event for students is also planned to be held again in 2014.

The Section is finding it difficult to maintain a consistently high number of activities each year with a small budget and continues to identify the recruiting and retaining of new executive committee members as a challenge.

### **Quebec Region**

**Vice-President, Francis Labrecque, P.Eng., MBA, PMP, LEED AP BD+C, MCSCE**

The current chair of the **Quebec Section** is Mario Fafard, helped by a team of 9 persons coming from Engineering Firms, Quebec Ministry of Transportation and products manufacturers. The Laval University CSCE student chapter is also active on the executive committee, to maintain a strong link with civil and water engineering students.

During the last year, the committee have organized periodically many conferences with the following hot topics: Sustainability in Building Construction in North America and Europe, Mid-rise Wood Building in Quebec, Water Quality Management in the Drinking Water and Decentralized Wastewater Treatment.

A Career Forum was also organized to initiate the interaction between young engineers from the Student Chapter with experienced professionals in the local area. We invited, engineers from CIMA+, FPInnovation, WSP Group and a member of the National Assembly of Province of Québec.

The Quebec Section was also involved in the Fifteenth International Speciality Conference on Cold Regions Engineering chaired by Pr. Guy Doré from Laval University.

Every year, the Quebec Section terminated its activity program with the popular lobster dinner in the Old Quebec, a UNESCO World

Heritage Treasure. It is a very good activity to strengthen the relationships between CSCE members and to thank all supporting organizations that provided financial support to the section. At the end of the season the executive committee has also planned the conferences to be held during the next year.

The **Montreal Section** has been rather inactive since 2009. A new executive committee has been formed in December 2013 to remedy this situation. The new dynamic team consists of Mr. Jean-Luc Martel (Section chair), Mr. Éric Lachance Tremblay (VP - Logistics), Mr. Philippe Gatien (VP - Communications), Mr. Richard Arseneault (Treasurer) and Mr. Sébastien Drainville (Secretary). Also, three (3) consultants, Mr. Jean-Stéphane Malo, Mrs. Josée Beauchamp and Mrs. Rawaa Al Rishan are actively involved within the executive committee.

The Montreal Section has big ambitions for 2014-2015. First and foremost, it will be actively working on the relaunch of its four (4) student chapters: École de technologie supérieure, École Polytechnique de Montréal, Concordia University and McGill University.

Second, it will be organizing several conferences, field trips and even a team building rafting event for the benefit of professional and student members. Their partner, "Montreal Structural Engineers" (MSE) is organizing a great amount of conferences on structural engineering subjects. Thus, the section will be focusing its program mainly on the other aspects of civil engineering.

On March 18th, the executive committee presented itself as well as the 2014-2015 activity program during a launching event. A total of 75 professionals and students participated and showed great interest to participate in the Section's activities.

The **Sherbrooke Section** has not been active over the last several months. The Chair, Michael Jean, has been very busy at work and also in his personal life with the arrival a new baby born. Support will be provided the Regional Vice President, Francis Labrecque, and the Sherbrooke University Civil Engineering Faculty Advisor, Nathalie Roy, to identify a new Chair and rebuild the Section Committee.

### **Ontario Region**

**Vice-President, James Garland, P.Eng., FCSCE**

The Ontario Region comprises six Sections, namely, National Capital, Durham-Northumberland, Toronto, Hamilton-Niagara, Northwestern Ontario and London and District. The Ontario Regional Council, with representation from each section, works to promote sharing of best practices, speaker and event information and to provide a vehicle for representation of Section interests to the CSCE Board. The Council also sponsors student participation in the annual conference (Capstone Teams and Chapter executives) and works to ensure nominations proceed for Ontario CSCE Fellows and various CSCE awards. The Council typically meets by teleconference but also meets in person when feasible, such as at the CSCE Annual Conference.

The **National Capital Section**, chaired by Adrian Munteanu, has seven members on its executive and serves a population of 900,000 in the greater Ottawa area. The Section supports two Student Chapters: Carleton University and the University of Ottawa. During 2013, the Section hosted the National Lecture Tour on Blast Loads, participated as judges and granted CSCE Prizes at the University of Ottawa Graduate Student Poster Competition and the 2013 Ottawa Regional Science Fair. The Section also supported the University of Ottawa CSCE Student Chapter speaker night, the Carleton University CSCE Student Chapter EngFrosh activities and their Little Stuart Competition.

In addition, the Section sponsored the University of Ottawa Civil Engineering Symposium and Banquet as well as a student team from each university for the Capstone Student Poster Competition during the 2013 CSCE Conference in Montreal.

The **Durham-Northumberland Section** serves a large geographic area from east of Toronto to Kingston and is chaired by Robbie Larocque. The Section did not organize any events during 2013 but is taking action to ensure events are organized in 2014. Section executive members participated in Ontario Regional Council discussions and gave a talk about Civil Engineering as a Career to high school students.

The **Toronto Section**, serving the majority of

CSCE members in the province, has had a very successful year in 2013 under the leadership of Cameron Blair, who early in 2014 passed the chair's duties to Nigel Parker. The Section operates with a full slate of executive members and is delivering a complete program of lectures, social events and professional development activities.

The Section facilitates continuing education workshops, and organizes breakfast and dinner lectures of interest to CSCE members. Lecture topics included Sustainable Building Construction, Accelerated Bridge Construction, Navigating the PMI Certification Process and the Toronto-York Spadina Subway Extension.

The Section is closely affiliated with the CSCE Student Chapters at Ryerson University and the University of Toronto. The Section offers financial support to the chapters, including sponsorship for annual conference participation and the chapters reciprocate by hosting some of the evening lectures on campus.

The Section organized a "Get Noticed, Get Hired" panel discussion of industry hiring managers to brief students and members on what they look for when making hiring decisions. Section executive members also engaged high school students with a real life trigonometry interactive session. The Toronto Section maintains a active internet and social media presence to communicate news of events and activities to members ([www.csce-toronto.ca](http://www.csce-toronto.ca)).

The **Hamilton-Niagara Section** serves a very large area with a population of approximately one million people. The Section supports the McMaster University Student Chapter. The Section, chaired by Ben Hunter, hosted the Infrastructure Report Card lecture tour but no other events in 2013. New executive members are currently being recruited to assist in coordinating the Section's activities.

The **Northwestern Ontario Section** serves an area with a population of 150,000 people and is chaired by Gerry Buckrell. This section was also inactive in 2013; however the Section Chair is working to expand the section executive so that activities can be implemented in 2014.

The **London and District Section** is a joint CSCE-CGS (Canadian Geotechnical Society) Section with a representation of professionals,

professors and students on the sixteen-person Executive. The Section supports the WSCE (Western Society for Civil Engineering), which is the Student Chapter of CSCE at Western University, through support of a number of student clubs and activities including the annual Polar Stick Bridge Competition, Western Engineering Concrete Canoe Association (WECCA), Western Engineering Toboggan Team (WETT), as well as providing an Outstanding Student Award at the completion of each academic year.

The Section hosted 7 dinner presentations in 2013, including Alternate Project Delivery, Brownfield Redevelopment, Groundwater Discharge, the Windsor Essex parkway, the Infrastructure Report Card, the Niagara Tunnel Project and a tour of Western University's new Wind Research Facility. A website ([www.csce-cgs-london.org](http://www.csce-cgs-london.org)) informs members of upcoming events. The Section was pleased to see the Western Engineering Toboggan Team, prepare to host the 2014 Great Northern Concrete Toboggan Race (GNCTR). The Section is also excited to be hosting the 2016 CSCE Annual Conference in London.

#### **Prairie Region**

**Vice-President, Harold Retzlaff, P. Eng., FCSCE**

The Prairie Region includes the provinces of Manitoba and Saskatchewan. The Region comprises three Sections, Manitoba, South Saskatchewan and Saskatoon. The planning for the 2015 Annual Conference, to be hosted in Regina, continues. The Regional meetings include one live meeting and at least one teleconference. The most recent live meeting was held in Winnipeg in September.

#### **South Saskatchewan Section**

The Section, chaired by Harold Retzlaff, has been moderately active. The Section hosted several technical lunch presentations. Lead by our Young Professional Representative a number of 'Networkers' were held. Many new engineers attended these events and several will be applying for membership this year. The Section, in cooperation with the University of Regina, hosted the 1st annual Popsicle Stick Bridge Building Competition in March 2013.

#### **Saskatoon Section**

The Section, chaired by Brittany Chubey, had

another busy year in 2013. The Section put on our usual array of Nooner presentations. Also, we have continued with our Networker evening events. Response is still good and we continue to fine tune the events.

We expect the upcoming year to be quite exciting with the new faces at the Section Board. Plans are underway for some informative seminars, and we are considering changing the timing of a couple of long standing events to better reflect today's student/professional relationship.

#### **Manitoba Section**

The Section, chaired by Shaun Clark, continues to grow with modest gains. The 2012 year saw an increase in the number of activities from the previous year. The breakfast presentations continue to be the main event.

The current Manitoba CSCE Executive remains the same as it has been for roughly the past 2 years, and activities have not been as frequent as we would have liked. It is expected that things will pick up in 2014-2015.

#### **Western Region**

**Vice-President, D. Philip Alex (Alex), M.Sc., B'Arch (Hons), PMP®, MCSCCE**

The Western Region core committee consists of the Regional Vice President (*Dimu Philip Alex*), Treasurer (*Dr. Rishi Gupta*), Regional Coordinator (*vacant*) and the chairs of the four sections that comprise the region (*Leslie Symon—Edmonton, Erin Dvorak—Calgary, Chelene Wong—Vancouver, Kevin Baskin—Vancouver Islands*)

Like every other region, the Western Region works actively with the sections to build and sustain initiatives that are in alignment with the strategic directions and visions of the CSCE National office. Leadership in Sustainable Infrastructure was the theme for the 2012 Canadian Society for Civil Engineering annual conference that was hosted in Edmonton. The conference aligned with the rollout of CSCE's Vision 2020 and moved the sections to incorporate the CSCE directions into their programs and activities.

**Connecting with the Community:** The sections are actively involved in the Civil Engineering community by providing services like technical programs, technical tours to infrastructure projects, student activities like poster contests, popsicle bridge contests,

scholarship and bursary programs and by connecting and partnering with other Civil related societies. In the 2013-2014 season, Vancouver Islands hosted monthly lunch sessions with the community and a lunch session with the students at the University of Victoria, while Vancouver hosted 2 technical presentations. In Alberta, Edmonton hosted 9 technical presentations and a site tour while Calgary hosted 8 technical presentations and a site tour.

The Regional Lecture Tour (RLT) was initiated in 2012 and was spearheaded by Brad Smid (*past CSCE Western Region VP*) with the sole intent of connecting the sections together. The RLT series for the spring of 2014 was the Glacier Discovery Walk in Jasper National Park and was presented by Dr. Simon Brown from Read Jones Christoffersen.

One other key initiative within the region has been the enhancement of the Young Professionals initiative through industry nights, sponsor events, mentorship programs, involvement of Technologists and the development of the student chapter at the University of Victoria under the guidance of Vancouver Islands section chair Kevin Baskin, Dr. Rishi Gupta and Dr. Caterina Valeo.

Although there are significant challenges with respect to an aging workforce and succession planning within the sections, there is excitement within the Western Region as the Vancouver section works hard towards hosting the CSCE Annual Conference in 2017. The region continues to build synergies among the sections as we move forward in achieving the CSCE's vision and strategic directions.

### **International Region**

**Vice-President - International, Todd Chan, Ph.D., P. Eng., C. Eng., FCSCE**

The VP-International oversees CSCE international members and CSCE Branches established outside of Canada, provides advice and assistance to the CSCE Board of Directors and National Office with respect to membership issues and services for CSCE international members, and works closely with the CSCE International Affairs Committee (IAC) on maintaining cordial relationships with foreign Engineering

Societies. The highlights of the past year's activities for the international region are briefly described as follows.

### **CSCE Hong Kong Branch (HKB)**

Each year, the CSCE HKB ([www.csce.org.hk](http://www.csce.org.hk)) organizes an Annual Dinner that is the most important event of the Branch. In Oct. 2013, CSCE President Reg Andres asked the CSCE SVP Tony Begin to represent him at the HKB Annual Dinner, held on October 31, 2013 in Hong Kong. Two members of the CSCE Board, Brian Burrell, VP-Technical Programs, and Todd Chan, VP-International, were also invited to the Annual Dinner.

The Dinner was attended by more than 200 people including most of the HKB members and some of the most influential civil engineers in Hong Kong, such as the LegCo Member of the Engineering Functional Constituency (similar to a legislative assembly member in Canada), the president of the Hong Kong Institution of Engineers (HKIE), the Director of Water Supplies of the HKSAR government, and the chairs of several civil engineering departments at local universities. It was an excellent opportunity to promote the CSCE at this important annual event of the HKB.

The Dinner was both a business and social event. HKB Chair Paul Pang presented the Branch report. The CSCE SVP Tony Begin gave a speech to the dinner participants on the CSCE and the relationship of CSCE in Canada and the Branch in Hong Kong, and the Director of Water Supplies, Ma Lee-tak, made a presentation titled, "Sustainable Management of Hong Kong's Water Resources". Scholarships were given to a few student members and some HKB awards were given to members who made significant contributions to the Branch in the past year. The Dinner was a very successful and enjoyable event.

A technical workshop was organized by the HKB on October 30, 2013. The workshop was titled "Canada Builds: Canadian Civil Engineering and Related Projects – Knowledge and Expertise Sharing". It was the intention of the HKB executives to hold many more workshops under the general title of "Canada Builds" in the coming years with lecturers from Canada.

Three lectures were given:

1. "Building Information Modeling (BIM) for West Kowloon High-speed Rail Terminus Project by Ronan Collins (a colleague of Tony at the CANAM Division in HK)
2. "BuildMaster for Canadian Commercial Projects" by Tony Begin
3. "Floods and Climate Change" by Brian Burrell

The Workshop was attended by about 100 undergraduate and graduate students, professors and practicing engineers. It was a big benefit to CSCE HKB members and students.

At the invitation of the HK Branch and on December 12, 2013, Prof. George Akhras (Immediate Past CSCE VP – Technical Divisions and Committees) from CSCE Canada gave a lecture to HKB members, university students and practicing engineers in Hong Kong. The title of his lecture was "Smart Technologies and Structural Health Monitoring for Civil Engineering" in which Prof. Akhras described his many years' research work. This was the second technical event organized by the HKB in 2013 with the support from CSCE Canada. We believe that technical exchanges between CSCE Canada and CSCE Hong Kong Branch have strengthened our relationship.

CSCE HKB has agreed to be one of the supporting organizations for the international conference to be organized by the DSD (Drainage Services Department of the Hong Kong SAR government). The conference theme is on sustainable storm water and wastewater management and it will be held on Nov. 12 -14, 2014. To support our HK Branch, CSCE Canada has agreed to publicize this conference using our international network.

### **Promotion of CSCE International Membership**

CSCE Institutional Membership – International (IMI)

The CSCE Institutional Member – International (IMI) is a new membership category approved by the CSCE Board of Directors in December 2012 in Montreal. This member-

ship is an extension of the existing CSCE Sustainable Member – Civil Engineering Department at a Canadian university.

New IMI members will be able to work closely with the 26 CSCE Sustainable Members (Canadian university civil engineering-related departments) to the benefits of our Canadian members and international members. IMIs will greatly enhance the international presence of the CSCE and extend CSCE capabilities in promoting Canadian engineering outside of Canada. Furthermore, through technical exchanges and participation in CSCE conferences, the IMIs will enhance the flow of technical information back to Canada.

The work done in the past few months in 2013/24 to recruit new CSCE IMI members is briefly described as follows: (1) a “marketing” leaflet to promote the CSCE IMI was completed by several members of the CSCE International Affairs Committee (IAC) in the summer of 2013, and (2) “Marketing” of the new IMI was initiated in September 2013 when the university school year began. It is firmly believed that the only way and the most effective way to recruit new IMI members is through personal contacts. In the regard, CSCE IAC members have been most helpful in doing this work for the CSCE through their contacts in several countries, mainly those located in Asia.

At present, personal contacts are being made in the following countries: Mainland China, Hong Kong, Taiwan, India, Korea, Japan, Singapore and Malaysia, France, UK, Australia and the Caribbean region.

From November 2013 to May 2014, a total of four IMIs have been recruited.

#### Recruitment Strategy

Going forward, the VP-International, some IAC members and HK Branch executives will try to recruit about 20 CSCE IMI members mainly in the Asia- Pacific region (and elsewhere if feasible) in the next two years to form a strong base of IMI members. The results of academic/professional cooperation and student exchanges/recruitments between CSCE Institutional Members – International and Sustainable Members (the civil engineering departments in Canada) will be used to demonstrate the benefits of joining the CSCE to potential IMI members in other continents. With demonstrated tangible benefits to show to potential IMI members from countries

## Report of the Honorary Treasurer

To a greater or lesser degree, countries are slowly recovering from global financial crisis. As the United States economy begins to rebound, Canada will surely become drawn into its wake as the Americans continue to be Canada’s largest trading partner. We are pleased that the Canadian Society for Civil Engineering has maintained a relatively strong financial footing coming through 2012-2013. The number of regular members increased over the past year recovering all of the losses from the previous year; however the student membership roll declined, leaving membership basically unchanged year over year. Total revenues year-over-year came in 4% lower; however expenses also came in lower by 4% producing a net surplus of \$3,162 for the Society.

The core revenues for this fiscal year continued to be membership fees (31%), conferences (50%), continuing education (9%), and advertising (7%). National Office assumed what would have been the Montreal Section’s share of the conference net revenue. The basic reason for this is that the National Management Committee authorized payment to National Office for its role as Event Coordinator of the Montreal conference. Continuing education revenues came in lower than expected. The reason being Life Long Learning has seen declining registrations and revenues. Net revenues from Communication activities (i.e. Civil publication) have not grown and the activity is still operating at a loss.

The core expenditures for 2012-2013 include operations (32%), communications (9%), continuing education (9%) and support of committees and meetings (3%). The decrease in operations expenditures reflects new national office initiatives to recover costs from National Office participation as Event Coordinator. National office has worked with the National Management Committee and the Foundation such that costs for promoting the new Award for Governmental Leadership in Sustainable Infrastructure are equitably distributed between the local organizing committee, National Office and the Foundation.

Further details of the revenues and expenditures are available in the attached audited financial statements. In summary, this past year’s financial success reflects the continuing hard work and dedication of volunteers throughout the Society at the national, regional and local levels, and the efficiency of staff at National Office. The diligent management and delivery of world-class conferences, educational seminars and informative publications have provided significant value to members and the broader Civil Engineering community. The Canadian Society for Civil Engineering is in a healthy financial position to further support the efforts of our volunteers and to leverage our leadership position in all matters related to civil engineering.

**Dan Dankewich, MCSCE**  
Honorary Treasurer

outside of Canada, it will be more feasible to recruit new IMI members without personal contacts. With new IMIs, the number of international members will also be increased because each IMI is entitled to two free personal CSCE memberships.

#### **International Affairs Committee (IAC) activities**

As an IAC member for many years, Todd Chan has worked very closely with members of the IAC to undertake international activities beyond the borders of Canada. At present, most of these activities were undertaken in the Pacific Rim Region, particularly in China, Hong Kong and India. It is anticipated that CSCE international activities will be expanded in coming years with the assistance of the CSCE Hong Kong Branch. A full report of the IAC can be found within the PCC Technical Programs Report.

Closing statement from the Senior Vice President:

It has been an honored and very enriching to interact with the people involved to make better the products and services of our Learning Society in respect of the membership needs and expectations of benefits. Keeping an efficient communication process to share knowledge among our network and delivery mechanism is essential. The integration of webcasting technology will provide a faster just in-time access to a variety of topics and enable greater sharing of information between Sections, Divisions, Committees and Programs.

Overall, the devotion of our volunteers is making things happen in collaboration with the CSCE Staff. Let me take this opportunity to thank you all for your contributions.

**Tony Bégin**, P.Eng., M.A.Sc., CDP, MCSCE  
Senior Vice President and  
Chair of the Regional Coordinating  
Committee (RCC)

## **Report of the CSCE Foundation For 2013-2014**

The CSCE Foundation is a registered charity whose purpose is “to acknowledge contributions of a civil engineering nature made by people for the benefit of society, and to recognize outstanding civil engineering works which have contributed to the development of Canada.” The CSCE Foundation includes the Canadian Society for Civil Engineering Foundation Trustees Fund and the Donald Jamieson Fellowship Fund. Although the Foundation is independent of the Society, its financial statements are included for information in this Annual Report.

For the year 2012-2013, interest income was \$6,148 and donations \$11,438, with expenditures on awards, administration and publications totalling \$8,914. As of September 30, 2013, the assets of the CSCE Foundation were \$271,567. These assets were comprised of the Foundation Fund at \$156,808, which includes the History Program Fund at \$4,436; the Shanly Award Fund at \$11,430 and the Foundation General Fund at \$140,781; and the Jamieson Fund at \$114,759. As per an agreement between the trustees and the Society, the CSCE Foundation pays an annual administration fee to the Society equal to the greater of \$1,500 or 0.5 percent of the assets at the end of the financial year.

The Foundation has devised an Investment Policy to clarify transactions and to diversify portfolio assets across various sectors. The portfolio's return objectives are constructed to earn an average rate of return over a ten-year period and minimize the risk of capital loss. The portfolio's asset allocation includes: bonds and debentures, 60-70 percent; preferred shares 20-25 percent; equity as common shares or income trusts 10-15 percent; and 0-5 percent cash. The Investment Policy also established portfolio management guidelines. These include: no more than 15 percent of equity in any one security, maintaining diversity across multiple sectors, equity holdings in mid-sized to large dividend paying companies, investment grade bonds and debentures with a maximum time to maturity of 10 years or less, and no more than 15 percent of preferred shares in any one mid-sized to large company. Several investments have subsequently been made in accordance with the Foundation's Investment Policy.

In the past, the CSCE Board of Directors established a Foundation Advisory Board comprised of CSCE past-presidents. The Foundation Advisory Board was resurrected at the 2012 Annual Conference chaired by the CSCE's immediate Past-President, with the Senior Trustee as vice-chair.

Members of the Society are urged to consider making donations to the Foundation for which official receipts will be issued for income tax purposes. Members are also encouraged to include bequests to the CSCE Foundation or to a specific award.

**Trustees (2013-14):** Michael Ircha, Ottawa, ON  
P. Daniel Burns, Calgary, AB  
Peter Wright, Toronto, ON  
Randy Pickle, Toronto, ON (Chair, Honours and Fellows Committee)  
Dan Dankewich, Winnipeg, MB (Honourary Treasurer)

**Michael Ircha**, P.Eng., FCSCE, FEIC  
Senior Trustee, CSCE Foundation

# Report of the Vice-President Technical Divisions — Programs Coordinating Committee

*The Programs Coordinating Committee (PCC) is responsible for coordinating the development and delivery of the technical products and services that are produced by and on behalf of the Society (e.g., conferences, symposia, seminars, lectures, short courses and workshops). The framework that guides PCC activities addresses current civil engineering issues such as: the image, awareness and perception of the profession; the challenges of infrastructure renewal; the incorporation of sustainable development; and the application of emerging technologies. As each of these issues extends to all the technical areas within our Society, PCC continues to place an emphasis on aligning its program objectives for the benefit of its members, while maintaining the CSCE's Vision 2020—Leadership in Sustainable Infrastructure. The following summaries provide an overview of the recent activities in the Society's technical divisions and interdivisional committees.*

It has been my honour to serve as VP Technical Divisions and Committees (TDC) and co-Chair of the Programs Coordinating Committee with VP Technical Programs Brian Burrell. In the next year, there will be effort, in partnership with the Senior VP and Chair of Regional Coordinating Committee, to develop closer relations between Divisions and Sections.

Seven Technical Divisions and 3 Technical Committees comprise the TDC as outlined in Table 1. Technical Divisions represent the main sub-disciplines of civil engineering. While CSCE members belong to one region and section according to their geographic location, they may select to be part of several Divisions. Technical Committees, on the other hand, are smaller and deal with broader civil engineering subjects that may be of interest to several sub-disciplines. CSCE members may but are not required to belong to one or more technical committees.

One of our mandates this past year has been to ensure that the efforts of our divisions and committees contribute toward the three Strategic Directions outlined in CSCE's Vision 2020. Those three directions are:

- Enhanced member services - CSCE will provide more services and benefits to members within all areas of civil engineering activity
- Growing with youth - CSCE will develop programs and benefits to support students and young professionals, targeted to their specific career development needs

- Leadership in sustainable infrastructure - CSCE will influence how public infrastructure in Canada is planned, designed, constructed and maintained

A brief summary of the activities of each Technical Division and Committee follows.

## **Construction Division**

A special issue of the Canadian Civil Engineer Magazine in the summer of 2013 was dedicated to Productivity in Construction Operations. Articles contributed by Division members included topics such as improvement opportunities, optimizing infrastructure spending, selling knowledge on the cloud, cultivating life cycle thinking, and introduced the concept of the construction productivity improvement officer. The technical editor was Janaka Ruwanpura.

The Construction Division collaborates with its US counterparts by alternating specialty conferences. This year, the Construction Division is being well represented at the ASCE Construction Research Council's specialty conference in Atlanta. The Division will be hosting a stand-alone conference in Vancouver in 2015 and is in the process of making preparations. In addition to the conference, the Division will host its successful colloquium for students.

The Division Chair, Dr. Farnaz Sadeghpour, has completed the first year of her first 2-year term.

## **Engineering Mechanics/Materials Division (EMM)**

In the Winter 2013, a special issue of Canadian Civil Engineer magazine was dedicated to the topic of Materials for the 21st Century. Articles contributed by the EMM Division included topics of new opportunities, material durability, high performance concrete for improved blast performance, and superelastic shape memory alloys. The technical editor was Dan Palermo.

The Chair of Engineering Mechanics and Materials Division is the theme chair for the General conference for Engineering Mechanics and Materials. After reviewing the submitted abstracts, the broader Division membership reviewed and provided feedback to the technical papers. The Division members will also serve as session chairs.

The Division is working to establish a new award specifically for the field of engineering materials. The prize will be awarded every two years. Currently, no such award exists within CSCE.

Division Chair Dr. Dan Palermo is now completing the first year of his first 2-year term.

## **Environmental Division (ED)**

The Environmental Division, in coordination with the local chapter, is hosting the 13th International Environmental Specialty conference in conjunction with the CSCE General Conference in Halifax in 2014. The Division hopes to draw a similar level of participation as the successful 12th International Environmental Specialty conference held in Edmonton in 2012. Approximately 80 paper abstracts were submitted and all papers received feedback from the peer review process. The conference will cover a variety of environmental topics including solid/hazardous waste, air/water/land remediation, climate change and sustainability issues and green technology. In conjunction with the conference's organizing committee, the Division is offering a workshop for students interested in environmental engineering.

A special issue of the Canadian Civil Engineer magazine will be dedicated to "Emerging Contaminants in Water" in the coming year. The Division is currently seeking three publications to highlight different issues –municipal waters, industrial waters and a biologist's perspective to emerging contaminants in water. The technical editor is Dr. Gopal Achari.

Division Chair, Dr. Gopal Achari, is completing the first year of his second 2-year term.

### **Hydrotechnical Division**

The Hydrotechnical Division has been very active in supporting technical courses in various cities across Canada. This year, the workshop HEC-RAS Modeling Including Advanced Applications was offered in Edmonton, Regina, Winnipeg, Toronto, Moncton and Halifax through CSCE's Lifelong Learning program.

The Summer 2014 issue of Canadian Civil Engineer magazine will focus on Hydrotechnical Engineering Perspectives. Papers have been solicited and submitted. The technical editor is Kerry Mazurek.

The Hydrotechnical Engineering Award is presented each year for the best Masters' thesis in Canada related to hydrotechnical disciplines. The Division's awards committee has been active in reviewing submissions for the award.

Mike Bender, the Division Chair, is completing his first 2-year term and has agreed to serve again.

### **Structures Division**

A special issue of the Canadian Journal of Civil Engineering, honoring the 20th anniversary of the conference series for Advanced Composite Materials in Bridges and Structures (ACMBS), was published on November 2013 as Volume 40 Number 1. The Guest Editors of this special issue were Dr. Amir Fam of Queen's University (Chair, Advanced Composites Materials committee, CSCE) and Dr. Gord Wight, Royal Military College of Canada. The special issue was dedicated to Dr. Khaled Soudki from the University of Waterloo, who passed away on Sept. 17, 2013.

The 9th International Conference on Short and Medium Span Bridges, SMSB-IX, will be

held July 15-18, 2014, at the Hyatt Regency Hotel, Calgary, Alberta. The conference is organized in partnership of the University of Calgary, the City of Calgary, and Alberta Transportation. The conference program will include daily plenary sessions, featuring keynote lectures delivered by six world leaders in the field. These will be followed by technical and specialty sessions to meet the diverse interest of attendees. Over 250 papers from 25 countries will be presented at the conference. Furthermore, three short courses on Accelerated Bridge Construction, Design of Stress Ribbon Bridges, and Bridge Sustainability, will be offered in conjunction with the conference.

The theme of the Spring issue of the Canadian Civil Engineer magazine was "Bridges". Dr. Mamdouh El-Badry, of the University of Calgary, was the Technical Editor of the issue. The technical articles included were short versions of two of the papers that will be presented at the 9th International Conference on Short and Medium Span Bridges, SMSB-IX.

The Division is involved in the organization of the 4rd International Structural Specialty Conference, ISCC-IV, held in conjunction with the CSCE Annual Conference in Halifax in June 2014. Dr. Khaled Sennah, the conference co-chair is the chair of the Scientific Committee that reviews the papers.

The 7th International Conference on Advanced Composite Materials in Bridges and Structures, ACMBS-VII, is planned to be held in Vancouver in August 2016 with Co-Chairs: Nemy Banthia and Raafat El-Hacha. A notification in this regard was submitted to the PCC.

Dr. Khaled Sennah is completing his second term as Chair of the Structures Division in June 2014. Mr. Adel Zaki of SNC Lavalin will be the new Division Chair.

### **Transportation Division**

The Transportation Division was actively involved with several conferences with Division Chair M. Zhong taking the lead. Their previous work with the organizing committee for the 2013 CSCE Annual Conference in Montreal resulted in a successful series of conference sessions focused on transportation. They are continuing their efforts for the 2014 CSCE International Transportation Specialty

Conference to be held in Halifax in May. To ensure another successful specialty conference, the Division focused their work on reviewing abstracts & papers and planning the technical sessions.

A small group of dedicated Division members, especially past Chair, Dr. Liping Fu and CSCE China Liaison Officer, Dr. Andrew Liu, have been actively organizing the 2nd China-Canada Winter Transportation Symposium (CCWTS) with China Highway Transportation Society (CHTS). The conference is going to be held in Harbin, China in August 2014.

The Division provides ongoing support to a variety of committees and task forces. Dr. Said Easa is representing CSCE on the Steering Committee for updating TAC Geometric Design Guide for Canadian Roads, a project for which CSCE is also a sponsor. This shall raise the visibility of CSCE to a new level. Dr. Susan Tighe has renewed her second term for serving on the TAC Chief Engineers Council. The Division also contributed to the CSCE Task Force mandated to investigate the viability of creating a new CSCE Fall Convention.

The Transportation Division actively participated in the nomination of CSCE Fellows and Awardees and one name for CSCE Young Professional Award was put forward for consideration last fall.

The Division was featured in the Fall 2013 special issue on Connected Vehicles in Canadian Civil Engineer magazine. Articles contributed by the Division membership included the Active-Aurora test bed, self-learning traffic lights, and the impacts of automated vehicles. The technical editors were Dr. Ming Zhong and Dr. Zhi-Jun (Tony) Qiu.

Dr. Ming Zhong completed his term as Division Chair, and the Division thanks him for his dedication and leadership. A sincere welcome is extended to incoming Division Chair Tony Qiu.

### **Sustainable Development Committee (SDC)**

The SDC was formed in 2004 and is celebrating 10 years. It has been very active in developing a basis for "operationalizing" sustainability within the civil engineering pro-

profession. As a result of this effort, they will be presenting a conference paper at the 2014 CSCE General Conference in Halifax. This method of sharing the results of the work of the committee with the membership at large is novel and effective. Members attending the conference are strongly encouraged to attend this presentation.

The SDC is will contribute to the Canadian Civil Engineer magazine in Winter 2014/2015 and articles are being sought at this time.

Committee Chair Dr. Edwin Tam is completing the first year of his first 2-year term.

**Innovation and IT Committee (IIT)**

This Committee is responsible for the administration of two awards: the Whitman Wright Award for Excellence in IT in Civil Engineering, and the Excellence in Innovation in Civil Engineering Award (sponsored by CANAM Group). This year, the terms of reference for the Whitman Wright Award was revised with the addition of a new nomination form. Winner of these awards will be announced at the Conference in Halifax.

The IIT Committee supported the National Office on a 1-day course on introducing a new CSA Standard “CSA-S850-12 Design and Assessment of Buildings Subjected to Blast Loads” in Fall 2013. In the planning stages is a National Lecture Tour for Fall 2014 on “Smart Technologies and Structural Health

Monitoring for Civil Engineering”.

The committee will explore potential collaboration with national/international associations in terms of participation in and/or contribution to the organizing of innovation and IT related events, including conferences or workshops.

In December 2013, Committee member George Ahkras visited the CSCE Hong Kong branch and presented a 1 hour lecture on the latest developments on structural health monitoring, smart emerging new materials and their applications for smart structures and systems. His lecture was very well received and he was honored by a reception hosted by the HKB executives. Discussions are ongoing to establish collaboration between the CSCE Branch in Hong Kong and the Center for Smart Materials and Structures and IIT Committee in Canada.

Discussions are continuing with the Institute for BIM in Canada (IBC) on potential collaboration, including the promotion of IBC events to CSCE sections and IBC participation in a 2015 Conference. The Committee is also planning to collaborate with the EMM Division to co-sponsor the ASCE Engineering Mechanics Institute Annual Conference, which will be held at McMaster University in Hamilton in August 2014. They will also organize a mini-symposium on Engineering Mechanics and Innovation for the conference.

Committee Chair, Simon Foo, is now completing the first year of his second 2-year term.

**Engineering Management Committee (EM)**

The Engineering Management Committee was recently created to explicitly recognize and support the strong role that engineering management has in the career path of civil engineers. The role of the EM Committee would be to:

- engage civil engineers who have migrated into management roles;
- provide opportunities for the membership to share management experiences, best practices, and current research, such as special conference tracks, regional seminars, and National Lecture Tours; and,
- introduce activities that create awareness and promote engineering management within the Society

The inaugural Committee Chair will be Dr. Constantine Katsanis

# CSCE Second Century Fund

In early 1987, CSCE established the Second Century Fund for the purpose of ensuring the continuity and growth of the Society. The fundraising campaign took place under the Honorary Chairmanship of Camille Dagenais, then CEO of SNC and the Chairmanship of John Bahen, then President of Peter Kiewit Sons Co. Ltd. of Toronto.

The function of the Fund is to provide seed money for conferences and lecture tours; funds for publishing and marketing contracts; funds for the development of new divisions; and funds to inform the engineering community of all of the above.

The Fund will ensure the continued development of dynamic technical activities and world-class publications. Borrowing from the Fund is limited to 50% of the accumulated revenue in the previous year for non-revenue generating activities and is at competitive interest rates for revenue generating activities. Funding is accessed through a proposal to the Board of Directors. The Fund is administered by a committee of three trustees. The current trustees are: Dan Dankewich, MCSCE, Winnipeg; Alan Perks, FCSCE, Ottawa; and Chris Thompson, FCSCE, Brampton.

**Founding Sponsors**

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- |                     |                    |
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| H. Keith Bowers     | R.C. Monaghan      |
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# REPORT OF THE VICE-PRESIDENT – TECHNICAL PROGRAMS

*Technical Programs consists of four committees: Engineering Practice, Education and Research, Infrastructure Renewal, and International Affairs plus individual program officers responsible for national lecture tours, and the editorial functions of the Canadian Journal of Civil Engineering (CJCE). Program Committees and the work of Program Officers are intended to be function oriented, i.e. the delivery of a specific service or type of service to CSCE members, unlike Technical Committees that deal with technical subjects. This report includes a brief statement of the purpose and recent activities of the Program Committees and Program Officers.*

## **Engineering Practice Committee (EPC)**

The Engineering Practice Committee (EPC) has a threefold mandate: monitoring of the state-of-the-profession, promotion of the profession by the development and dissemination of public information, and the development and review of CSCE policy and programs pertaining to continuing education and professional development. The EPC reviews information and policies concerning civil engineering practise, and opportunities for professional development. The EPC considers issues such as professional development for increased international competitiveness and international promotion of Canadian engineering. The Engineering Practice Committee was formerly known as the Career Development Committee, but its name was changed to reflect better the committee's role.

During the past year, the committee web page was updated, with the support of National Office, with information on EPC members, and committee roles and responsibilities. In the forthcoming year, an effort will be made to keep the information up-to date and informative.

During 2013-2014, the EPC, in cooperation with the CSCE's International Affairs, and Education and Research Committees, will contribute to Fall 2014 edition, Volume 31.4 issue of CIVIL to be published on the theme Global Trends in Professional Development. The EPC continued to provide advice to the National Office and other CSCE committees concerning potential professional development and technical activities.

CSCE members are invited to join the Engineering Practice Committee. Increased

committee membership will increase the capability of the EPC to undertake ongoing projects and new initiatives.

## **Education and Research Committee (ERC)**

The mandate of the Education and Research Committee (ERC) is development, promotion, and advocacy of issues related to national education strategies and engineering research. During the past year, the committee was renewed by recruiting new members from academic, research institutes and the construction industry and a work plan was developed. The proposed objectives are to develop close working relationships and strategies for collaboration between the civil-engineering academic community and Canadian construction industry, to work closely with Civil Engineering Heads and Chairs Committee on improvements to civil engineering curricula and course contents, and to support community driven programs in the area of engineering education and research. .

## **Infrastructure Renewal Committee (IRC)**

The role of IIRC is to provide leadership to the CSCE through project activities in the broad field of infrastructure renewal. These activities continue to reinforce CSCE's profile as an integral part of the infrastructure community across Canada. The IRC also acts as a national voice of the CSCE with respect to infrastructure policies through interactions with other national groups and the federal government. During 2013-2014, IRC continued to plan and implement the next iteration of the Canadian Infrastructure Report Card.

Working with other partner organizations, IRC is considering a formal sustainable in-

frastructure rating system for Canada. It has advanced the discussion of sustainable infrastructure in the Society and other organizations, and continued to develop materials for the "Sustainable Infrastructure" section of CIVIL magazine.

IRC is developing a CSCE position paper on asset management, that promotes the use of asset management tools, and compares the advantages of the different systems (PAS55, InfraGuide, NAMS). IRC is considering updating the 2003 Technology Roadmap in the future

## **International Affairs Committee (IAC)**

IAC plans and carries-out CSCE's international activities, undertakes international development projects, and promotes the CSCE and Canadian engineering in foreign countries. In fulfilling its mandate, IAC develops and implements agreements of cooperation with foreign and international engineering bodies, and interacts with foreign organizations to foster relations that will lead to joint meetings, conferences, courses, and work projects that benefit CSCE members. IAC assists other arms of the CSCE with respect to hosting and protocol associated with visiting foreign delegates from engineering societies. IAC's mandate, however, excludes the operations of foreign branches of the CSCE and international / foreign conference sponsorship handled directly by Technical Divisions and the National Office..

## Bahamas and the Caribbean

*Joint Conference with the Bahamas Society of Engineers (BSE) and the CSCE.* In February 2014, David Pratt, liaison officer for the Bahamas, Caribbean and South America, met with civil engineering organizations in Jamaica and the Bahamas. The outcome of these meetings was to set a plan for a joint conference with BSE on "The Role of Public Private Partnerships in the Effective Delivery of Infrastructure Projects".

In addition, arrangements for a secondment to Canada of a civil engineer from the Bahamian Ministry of Works and Transport

for a period of 6 months to a year were made. As well, a posting for a Canadian civil engineer to the Bahamas was discussed. Neither of these exchanged involve any financial risk to CSCE.

#### China

*International Conference on Transportation Information and Safety (ICTIS2013).* IAC Member and Liaison Officer for China - Transportation, Andrew Liu worked with the CSCE Transportation Division to help organize an International Conference on Transportation Information and Safety (ICTIS2013), which was held in Wuhan China, June 28 – July 1, 2013. This was the 2nd such conference involving the CSCE after an MOU was signed with the Wuhan University of Technology in 2009. The CSCE logo was very prominently shown at the conference program, website (<http://www.ictis-online.org:8080/ictis/>), conference proceedings, and conference hotel. Four CSCE members gave presentations as invited speakers. The CSCE Transportation Division is currently working on conference-related special issues of several transportation journals

*Canadian-China Winter Transportation Symposium.* Also in mid-July 2013, Andrew Liu discussed with CHTS organizing the 2nd Canada-China Winter Transportation Symposium in China in 2014. This is following the first such symposium in Canada last year in Edmonton, continuing co-operation with CHTS after re-signing the MOU in 2012 in Edmonton. CSCE and CHTS have agreed in principle for the symposium in China in 2014. Andrew Liu is working with Transportation Division on details of the Symposium.

Hong Kong, China Trip October 29 - November 8, 2013. Tony Begin (CSCE SVP), Brian Burrell (VP – Technical Programs) and Todd Chan (VP – International) travelled to Hong Kong where they attended an evening technical workshop on Oct. 30, 2013 at HK Polytechnic University organized by HKB and the Annual Dinner of the CSCE Hong Kong Branch (HKB). Tony Begin and Brian Burrell made presentations during the workshop, which was attended by about 100 undergraduate and graduate students, professors, and practising engineers. They also met the HKB Chair Paul

Pang and other members of the HKB Executive to discuss matters and issues related to the CSCE HKB and relations between CSCE-Canada and HKB. Following events in Hong Kong, Tony Begin, Todd Chan, and Brian Burrell held meetings with the Henan Provincial Branch of CCES and the Henan Provincial Design and Research Institute of Urban Planning Beijing and meetings in Beijing with the Chinese Hydraulic Engineering Society (CHES).

China Civil Engineering Society in Beijing – November 6, 2013: Bing Chen, who is now an IAC CSCE liaison officer for China responsible for the China Civil Engineering Society (CCES), is preparing a revised agreement between CCES and CSCE

*Tianjin 2014 Water Resources Conference.* Co-organized with the Chinese Hydraulic Engineering Society (CHES) with support from Tianjin University, an international water management conference scheduled for October 2014 was cancelled in February 2014 due to an insufficient number of abstract submissions. The poor response was contributed mainly to late completion of tasks related to conference organization and promotion, which were due partly to CHES and CSCE lacking experience working together in organizing an international conference. Ron Droste chaired the CSCE contingent on the general organizing committee; other CSCE committee members of the conference organizing committee were Todd Chan, Jeanne Huang, Brian Burrell and Van-Thanh-Van Nguyen. Mike Bender, Chair of the Hydrotechnical Division, provided assistance.

A CHES-CSCE (Hydrotechnical Division) water management conference Water for Today and Tomorrow, has been proposed to be held in Nanjing, China during October 2015. The lessons learned and the conference planning completed as part of the 2014 conference will be taken into account in organizing a proposed 2015 CSCE. The CSCE members of the general organizing committee, lead by IAC, will remain the same as for the 2014 conference. A decision whether to have the Nanjing conference will be made during the summer 2014.

*China's State Administration of Foreign Experts Affairs Workshop.* CSCE was selected

to provide a contingent of people to participate in a water quality workshop organized by the State Administration of Foreign Experts Affairs (SAFEA) being held in Suzhou from May 25-28, 2014. Todd Chan was primarily responsible for this initiative and he will head the CSCE delegation. Todd Chan and Ron Droste attended meetings in February 2014 to discuss the workshops with SAFEA and other participating groups. A CSCE delegation consisting of Bruce Anderson, Ron Droste, Christos Katopodis, Ed McBean, Slobodan Simonovic, Van-Thanh-Van Nguyen, and Fayi Zhou were selected based on an open process that involved anonymous abstract submissions and review by a third-party committee. Jeanne Huang, CSCE special envoy to China, was also involved in this initiative and she will participate in the workshop

*Gansu Wetlands Project.* An agreement was signed with the Gansu Research Institute for Water Conservancy (GRIWC) to participate in a proposed wastewater remediation project using wetlands in rural areas of Gansu. This was in response to a request from GRIWC, which was preparing a proposal to obtain project funding. Whether GRIWC was successful in getting funding for the proposed project will be known later this year.

#### India

The international cooperation agreement between CSCE and Institution of Engineers (India) had expired, and a new agreement has been signed by CSCE and been submitted to IE(I).

#### Iran

CSCE members were asked to offer their opinions on developing relations with civil engineering organizations in Iran. There was support for this initiative. Sadegh Kazemi was recruited by IAC to spearhead this task. He has made contact with the Iranian Society for Civil Engineering and Amirkabir University of Technology (Tehran Polytechnic).

#### Visiting Delegations.

The CSCE, with IAC involvement, continues to meet foreign delegations visiting Canada. The IAC Secretary will maintain a historical record of these visits and the vis-

its made by CSCE members to other engineering associations.

Institutional Members – International. IAC supported an initiative to obtain new CSCE Institutional Members – International (see the report by the VP-International).

**The Canadian Journal for Civil Engineering (CJCE).** Published since 1974, the CJCE is the official journal of the CSCE and the only journal presently affiliated with the CSCE. The CJCE is published by the not-for-profit company Canadian Science Publishing. CSCE members may subscribe to the electronic and print versions of the CJCE to CSCE members at rates substantially below non-member subscription rates.

The CJCE attracts over 500 manuscript submissions per year, with less than half coming from Canada. Approximately two-thirds of all submissions are not accepted for publication. The CJCE Editors, Dr. Tarek Sayed and Dr. Mike Bartlett, are grateful for the services of assistant editors and reviewers whose work helps maintain high journal standards.

**National Lecture Tour Coordinator.** The National Lecture Tour Coordinator works with the Technical Divisions in identifying potential speakers for the CSCE series of National Lecture Tours (NLTs), and then assists the National Office with the coordination of lecture delivery at selected venues across Canada. Web-based NLTs are under consideration. Members are encouraged to contact the NLT Coordinator or CSCE National Office to provide suggestions for topics and speakers.

**Technical Publications Committee.** During its December 1, 2013 meeting, the Board of Directors approved the creation of the Technical Publications Committee effective the 2014-2015 administrative year (starting May 31, 2014). The goal is to improve the technical information available to CSCE members by several means including identifying and setting up new CSCE publications, identifying publications from other organizations that the CSCE can distribute, entering commercial arrangements to sell engineering books on behalf of pub-

lishers, and providing more technical information on the CSCE website. The Technical Publications Committee will also facilitate publication of technical information from Technical Divisions and Committees in CSCE's existing publications.

**VP Position.** As VP-Technical Programs, in addition to duties related to the Programs Coordinating Committee, I participated in teleconferences of the National Management Committee, and meetings of the Board of Directors. I advocated increased interaction with the membership, democratic reform of the decision-making and nomination processes within the CSCE, and for increased resources for technical programs.

I attended an evening technical workshop on Oct. 30, 2013 at HK Polytechnic University organized by HKB and the Annual Dinner of the CSCE Hong Kong Branch (HKB) on October 31, 2014. I gave a presentation on "Climate Change and Floods" during the technical workshop.

**Concluding Remarks.** Opportunities exist for CSCE members to volunteer to serve on Technical Program Committees and task forces/working groups established under the program committees. Learn how you may become involved by contacting the committee chair of the program committee in which you have an interest. During 2014-2015, the Engineering Practice Committee (EPC), especially, is seeking additional members to contribute to new initiatives.

A volunteer organization does not (and should not) operate like a business, yet the CSCE membership should expect a reasonable level of service from the organization they support. The onus is on the CSCE membership to see that this happens! Be active in your Society and make your views known.

Financial resources are needed to support program delivery. Offers of financial support for program activities, such as international technical exchanges and National Lecture Tours, would be appreciated.

It is with much sadness that I learned in early March 2014 of the passing of Dr Moe Cheung, the Chair of the Education and

Research Committee, a member of the International Affairs Committee, and a founding member of the Hong Kong Branch. Dr Cheung was a valued member of CSCE who will be greatly missed.

The delivery of program activities depends upon many volunteers. As CSCE VP – Technical Programs, I thank members of the three program committees and the program officers for their service to our Society. I thank CSCE members who offer occasional support with respect to program delivery at the Section or Branch level. Finally, I express my gratitude to the CSCE membership for giving me the opportunity to serve as VP-Technical Programs. I wish the incoming Vice-President – Technical Programs success.

Brian C. Burrell, FCSCE  
VP-Technical Programs

# Report of the Administration Coordinating Committee—2013–2014

*The Administration Coordinating Committee (ACC) consists of ten national non-technical committees responsible for the services and activities of the Society in the areas of finance, communications and membership. Representation on ACC is provided by the chairs of the committees listed below. Through the work of ACC, the various committees are given the opportunity to exchange ideas and to discuss Societal and committee issues of mutual concern. On behalf of the committees, the ACC presents the recommendations and reports of the committees to the Board of Directors.*

The role of the VP ACC is largely one of coordinating the interaction between the Committee's Chairs, providing guidance on an as-needed basis, and liaising with the Board of Directors in respect of the Committee's work.

## 1. Business Development Committee

Chair: Don Hopkins

A media consultant from Montreal has provided National Office with a report recommending how CSCE could increase its use of social media to attract new Corporate Members and enhance its YP activities. Business Development will be contacting other associations to become Corporate Members and is working with the National Office to identify which associations should be contacted by BD and which will be contacted by the CSCE office.

Gamel Ghoneim has agreed to take over as Chair for the 2014-15 year

## 2. Communications and Publications Committee

Chair: Mike Hnatiuk

This committee was not very active this year as the limited size of the committee prohibited a great deal of initiatives being carried out. One task the committee was able to assist with was the review of two firms who would prepare the weekly emailed newsletter to the members. The firms were evaluated on both their capabilities and also the financial implications of the service they would provide. Ultimately the committee recommended a trial period with MultiView, and they were chosen to provide the newsletter.

In the coming year, the committee hopes to both expand and to begin to implement some of the previously discussed initiatives which include providing and maintaining a list of contact persons within each division for an informed comment on newsworthy events.

Additionally, this is the last year for the Communications and Publications committee. The committee will be split into two separate committees, one for communications and one for publications. I will continue to chair the communications committee into the next year and hope to expand on the functions of the committee

## 3. National History Committee

Chair: W.C. (Cal) Sexsmith

The National History Committee (NHC) is continuing to be active. The Committee has been holding regular teleconferences with participation from many regions of the country. We are also encouraging Committee members to make contact with their local CSCE Sections to raise the profile of the NHC at the local level. Upon approval of the Committee's terms of reference by the Board each CSCE Section Chair was sent a copy of the guidelines and was asked to suggest a potential committee member (or members) from the section. So far we have gained two new committee members as a result of this activity.

The Tracel Cap Rouge near Quebec City was approved by the Board as a National Civil Engineering Historic Site in 2013, the Quebec City Section will be coordinat-

ing the plaquing ceremony. The Atwater Treatment Plant in Montreal has been approved as a National Civil Engineering Historic Site and was recognized as part of the Montreal Conference.

Three sites in Halifax have been approved by the Board as National Civil Engineering Historic Sites. These include the Angus L. Macdonald Bridge, the Halifax Graving Dock and the Robie Street Reservoir. All three sites will be recognized at the Halifax Conference.

The Board also approved L'Aboiteau Acadien as a National Civil Engineering Site. Aboiteau are a system of dykes, channels and check valves that allowed agriculture to occur in coastal areas of the Maritimes and many are still in use. The Aboiteau were nominated by the Eastern New Brunswick and PEI Section. The section will be arranging for a plaquing ceremony later in 2014.

The committee has had numerous other enquiries regarding designating various engineering works as historic sites. The committee will deal with these sites as the nominations are received. One site of particular interest is the Mosquito Creek Bridge in North Vancouver which was the first pre-stressed concrete bridge in Canada.

We have also made initial contact with the Regina LOC regarding History Committee activities at the 2015 conference.

Finally, the committee was able to facilitate the donation of a photograph of Sir Casimir Gzowski from his family. The photograph is to be displayed in the CSCE head office

## 4. Honours and Fellowships Committee

Chair: Randy Pickle

The Honours and Fellowships Committee is responsible for the review and processing of nomination packages for the recognition

of eligible members of the Society for Fellowships in the CSCE and through various selection committees, that report directly to the Honours and Fellowships Committee, identify the recipients of up to nine career awards, two organizational awards, two student scholarships and five 'best paper' awards. The Honours and Fellowships Committee is also responsible for organizing and conducting the awards ceremony at the CSCE Annual Conference.

The CSCE Executive Director brought to the attention of the Honours and Fellowships Committee that the Thomas C. Keefer and the Casimir Gzowski medals had the logo of the Engineering Institute of Canada on the face and there was no reference to these being CSCE awards. In conjunction with the CSCE Foundation, the Executive Director was charged to develop new medals to reflect CSCE and the Civil Engineering disciplines that these medals are associated with. The new medals will be awarded at the 2014 awards ceremony.

In 2013, the Honours and Fellowships Committee made the decision that its members would not undertake the task of searching out nominees for Fellowships and further that the selection committees for the career awards would not be responsible for seeking out recipients for these honours. The task of ensuring that there were nominees for Fellowships would be the responsibility of the Regional Vice-Presidents and the respective Divisions and Committees would be responsible for nominations for career awards.

In 2013, the Honours and Fellowships Committee announced the new Young Professional Award for a CSCE Member or Associate Member, under 35 years of age, who has demonstrated outstanding accomplishments as a young professional engineer.

At the 2014 Awards Gala, in Halifax, NS, in May, 2014, 12 members of CSCE will be awarded the status of Fellow, the winners of four Best Paper Awards will be announced, six members will be recognized for contributions to CSCE and/or the profession and the winners of the CSCE project awards for government leadership in

sustainable infrastructure and for innovation will be announced.

The Honours and Fellowships Committee is also responsible for a high level review of the nominations for Fellowships and other awards of the Engineering Institute of Canada. At the EIC awards dinner in Ottawa in March, 2014, four members of CSCE were awarded Fellowships and one member was presented with the John B. Stirling Medal for distinguished service at the national level in EIC and/or one of its constituent societies.

## 5. Member Services Committee

Chair: Peter Calcetas

Membership Data & National Membership Survey:

The first on line Member Survey for the CSCE was created in both official languages. After extensive feedback and several drafts, the Member Survey went live at a National scale in March 2014. As of April 12, 2014, 198 English responses and 15 French responses were made representing 213 out of 4076 Members (All Grades) or a 5.2 % response rate over a 30 day period. For comparison, a low response rate is 2% a high response rate is 34% with an average of 13%. Given the upcoming Annual Conference, and ongoing promotional efforts we may have further opportunity to increase the response rate.

Upon closure of the survey, our intention is to analyse the results and provide feedback to the ACC and CSCE at large.

## 6. Student Affairs Committee

Chair: Charles-Darwin Annan

The Student Affairs Committee recognises its strategic mandate in growing with youth, and has this year developed new programs and initiatives to help stimulate an early professional consciousness. The Committee was set up with members representing the different CSCE regions; Professor Charles-Darwin Annan (Laval) as Chair, and Professors Tirupati Bolisetti (Windsor), Yi Liu (Dalhousie), and Paul Thurston (BCIT) as Members. The Committee also managed a fully functional website in both French and English. The new Committee started off by holding a Stu-

dent Chapter Leaders Workshop during the 2013 CSCE annual conference in Montréal. It was also an opportunity for the Committee Chair to interact with Student Chapter leaders.

A number of new programs and initiatives were developed in the past year, some of which are listed below:

➤ **New Student Chapter Guide** – A new comprehensive Chapter Guide was prepared in French and English to help new and existing Chapters properly organize their activities and function professionally.

➤ **Practitioner Advisor** – Student Affairs introduced Practitioner Advisors for Student Chapters to assist Faculty Advisors, particularly to facilitate interaction between Chapters and their CSCE Local and Regional Sections. Suggestions for the roles of both Faculty and Practitioner Advisors can be found in the new Chapter Guide.

➤ **Annual Reports** – Each Student Chapter is obliged, for the first time, to submit interim and final Annual Reports on their activities to Student Affairs. This was instituted to encourage Chapters to organize, plan and function professionally and efficiently. It is also to help Student Affairs assess the effectiveness of its programs and to provide some advice and feedback to the Chapters. The Annual Report also serves as the basis for Student Chapter awards and other recognitions, to be conferred during the CSCE annual meetings. A total number of 18 interim reports were received by Student Affairs in January 2014.

➤ **Regional Student Chapter Leaders Councils** – A Student Chapter Leaders Council was launched in each CSCE region to encourage interaction between Chapters from different programs within the same region. Some Councils are already active and organizing multi-chapter activities.

➤ **Faculty/Practitioner Advisor Commendation** – Student Affairs has instituted recognitions for Faculty/Practitioner Advisors who distinguish themselves in serving their Student Chapters. Nominations are made by the Student Chapters and the final selection is made by the Student Affairs Committee.

➤ **Constant Communication** –

The Student Affairs Committee established personal contact and communication with Student Chapter Executives and Faculty Advisors during the school year. This resulted in building a healthy relationship, which reflected in Chapters' enthusiasm in embracing new initiatives and programs.

➤ **New Student Chapters** – Two new Student Chapters (Univ. of Victoria, BC, and Université de Québec à Chicoutimi, QC) were formed and a number of inactive Chapters became active during the school year.

➤ **CIVIL Magazine** – The Student Affairs column in the CIVIL magazine was active in each edition released in the school year. Student Affairs is giving Chapters in all the CSCE regions the opportunity to share their unique Chapter activities on a rotational basis.

➤ **CAPSTONE Design Competition** – The inaugural CSCE Student Capstone Design Project Competition held during the 2013 Annual Conference in Montréal was a success, with a total of 16 Civil Engineering programs participating. Student Affairs is once again holding the competition during the 2014 CSCE Annual Conference in Halifax.

In the coming school year, Student Affairs will continue to strengthen the strong foundation built, and maintain constant communication with Student Chapters.

## 7. Life Members Committee

Chair: Joules Houde  
No report

## 8. Financial Planning and Accounting Committee

Chair: Dan Dankiewich, Honorary Treasurer

To a greater or lesser degree, countries are slowly recovering from global financial crisis. As the United States economy begins to rebound, Canada will surely become drawn into its wake as the Americans continue to be Canada's largest trading partner. We are pleased that the Canadian Society for Civil Engineering has maintained a relatively strong financial footing coming through 2012-2013. The number of regular members increased over the past year recovering all of the losses from the previous year;

however the student membership roll declined, leaving membership basically unchanged year over year. Total revenues year-over-year came in 4% lower; however expenses also come in lower by 4% producing a net surplus of \$3,162 for the Society.

The core revenues for this fiscal year continued to be membership fees (31%), conferences (50%), continuing education (9%), and advertising (7%). National Office assumed what would have been the Montreal Section's share of the conference net revenue. The basic reason for this is that the National Management Committee authorized payment to National Office for its role as Event Coordinator of the Montreal conference. Continuing education revenues came in lower than expected. The reason being Life Long Learning has seen declining registrations and revenues. Net revenues from Communication activities (i.e. Civil publication) have not grown and the activity is still operating at a loss.

The core expenditures for 2012-2013 include operations (32%), communications (9%), continuing education (9%) and support of committees and meetings (3%). The decrease in operations expenditures reflects new national office initiatives to recover costs from National Office participation as Event Coordinator. National office has worked with the National Management Committee and the Foundation such that costs for promoting the new Award for Governmental Leadership in Sustainable Infrastructure are equitably distributed between the local organizing committee, National Office and the Foundation.

Further details of the revenues and expenditures are available in the attached audited financial statements. In summary, this past year's financial success reflects the continuing hard work and dedication of volunteers throughout the Society at the national, regional and local levels, and the efficiency of staff at National Office. The diligent management and delivery of world-class conferences, educational seminars and informative publications have provided significant value to members and the broader Civil Engineering community. The Canadian Society for Civil Engineering is in a

healthy financial position to further support the efforts of our volunteers.

## 9. Young Professionals Committee

Chair: Nigel Parker

The mandate of the Young Professionals (YP) Committee is to provide services and programming for the society's younger members or those who are new to the profession. In our third year, the committee has focused our efforts on raising awareness and fulfilling our mandate. The "Young Professionals' Corner" column in CIVIL magazine continues to spread the word about Young Professional programming and events across the country.

This year the committee continued to grow through establishing and maintaining YP representative positions across thirteen of the local section executive committees. The committee now can boast having representation within all active sections. Our YP representatives within the represented sections have hosted many successful events, created YP targeted programming, and facilitated networking and career growth opportunities all within the past year. The local YP representatives continue to serve the needs of our YP members and are the backbone of the committee.

This year we are proud to announce that the committee has filled all executive positions. Further the committee has implemented succession planning to ensure long term success and growth. The committee continues to connect with our conference calls held every two months and through our internal discussion forum board.

The committee, though the hard work of Katelyn Freçon the Conference Coordinator, hosted a very successful YP supplement program at last year's conference in Montreal. The success of last year's program has helped paved the way for an exciting schedule of YP events to be held at this year's conference. The committee has worked with CSCE staff to ensure the ongoing and future success of the YP program by standardizing the YP program event for all future conferences.

Using the Strategic Directions of the Society as guidance, the committee has estab-

lished two broad based goals, wither further defined action items: increase the number of local YP events (enhanced member services) and bridge the gap between student members and associate members (grow with youth).

The YP Committee is here to serve you, our younger members. Let us know if you have any suggestions and/or want to get involved. You have a voice!

Please do not hesitate to contact myself, nparker@rjc.ca, or your local YP representative, <http://csce.ca/committees/young-professionals/>.

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#### **10. Conference Coordinator**

Coordinator: Wade Zwicker

No report.

# Report of the CSCE Nominating Committee (2014–2015)

The Nominating Committee of the Board of Directors of the Canadian Society for Civil Engineering has provided, for approval by the members, the following nominations to the Board of Directors.

Position	Incumbent	Proposed	Term
President	Andres, finishing 1st year	Reg Andres	1 yr
President Elect	Vacant 2013-14	Tony Bégin	1 yr
Senior Vice-President and Chair, Regional Coordinating Committee	Bégin, finishing term	Tom Brown	1 yr
Past-President	Kells, finishing 1st year	Jim Kells	1 yr
Atlantic Vice-President	Hickey, finishing 3rd yr	Susann Hickey	1 yr
Quebec Vice-President	St-Laurent, finishing 1st yr	Francis Labrecque	1 yr
Ontario Vice-President	Garland, finishing 4th yr	Adrian Munteanu	2 yrs
Prairie Vice-President	Retzlaff, finishing 3rd yr	Harold Retzlaff	1 yr
Western Vice-President	Philip Alex, finishing 1st yr	Philip Alex	1 yr
Vice-President, International	Chan, finishing 3rd yr	Brian Burrell	2 yrs
Vice-President, Administration Coordinating Committee	Mainali, finishing 3rd yr	Arbind Mainali	1 yr
Honourary Treasurer	Dankewich, finishing 2nd yr	Glenn Hewus	2 yrs
Vice President, Technical Divisions and Committees	McCabe, finishing 1st yr	Brenda McCabe	1 yr
Vice President, Technical Programs	Burrell, finishing 4th yr	Todd Chan	2 yrs
Representing Corporate members	Hewus, finishing 4th yr	Jean-Pierre Pilon	2 yrs
Representing Council of Heads and Chairs of Canadian Civil Engineering Departments	Lake, finishing term	Ashraf El-Damatty	1 yr

In addition to the above elected Director positions there are two positions on the Board as appointed by others:

Representing Canadian Geotechnical Society (non-voting)	Mulligan, finishing term	Catherine Mulligan	1 yr
Representing Hong Kong Branch (non-voting)	Pang, finishing 1st year	Paul Pang	1 yr

The Chairs of the Divisions, Committees and Programs of CSCE are also elected or re-elected by the members of the Divisions, Committees and Programs, as follows:

## ADMINISTRATION COORDINATING COMMITTEE

Chair, Communications Committee	Hnatiuk, finishing 1st yr	Mike Hnatiuk	1 yr
Chair, History Committee	Sexsmith, finishing 3rd yr	Cal Sexsmith	1 yr
Chair, Business Development Committee	Hopkins, finishing 2nd yr	Gamal Ghoneim	2 yrs
Chair, Membership Services Committee	Calcetas, finishing 2nd yr	Peter Calcetas	2 yrs
Chair, Honours and Awards Committee	Pickle, finishing 1st yr	Randy Pickle	1 yr
Chair, Student Affairs Committee	Annan, finishing 1st yr	Charles–Darwin Annan	1 yr
Chair, Life Members Committee	Houde, finishing 2nd yr	Peter Wright	2 yrs
Chair, Young Professionals Group	Parker, finishing 1st yr	Nigel Parker	1 yr
Chair, Conference Committee	NEW	Wade Zwicker	2 yrs

## PROGRAMS COORDINATING COMMITTEE

### Technical Divisions & Committees

CChair, Cold Regions Division	Smith, finishing 3rd yr	Dan Smith	1 yr
Chair, Construction Division	Sadeghpour, finishing 1st yr	Farnaz Sadeghpour	1 yr
Chair, Engineering Mechanics/Materials Division	Palermo, finishing 1st yr	Dan Palermo	1 yr
Chair, Hydrotechnical Division	Bender, finishing 2nd yr	Mike Bender	2 yrs
Chair, Environmental Division	Achari, finishing 3rd yr	Gopal Achari	1 yr
Chair, Structures Division	Sennah, finishing 4th yr	Adel Zaki	2 yrs
Chair, Transportation Division	Zhong, finishing 2nd yr	Tony Qiu	2 yrs
Chair, Sustainable Development Committee	Tam, finishing 1st yr	Edwin Tam	1 yr
Chair, Innovation and IT Committee	Foo, finishing 3rd yr	Simon Foo	1 yr
Chair, Engineering Management Committee	NEW	Constantine Katsanis	2 yrs

### Technical Programs

Chair, Infrastructure Renewal Committee	Larson, finishing 2nd yr	Nick Larson	2 yrs
Chair, Engineering Practice Committee	Devkota, finishing 1st yr	Bhuwan Devkota	1 yr
Chair, International Affairs Committee	Droste, finishing 3rd yr	Ron Droste	1 yr
Chair, Education and Research Committee	Cheung, deceased	Elena Dragomirescu	2 yrs
Chair, Technical Publications Committee	NEW	Linda Newton	2 yrs
NLT Coordinator	Sparks, finishing 1st yr	James Garland	2 yrs
Editor, CJCE	Sayed, finishing 8th yr	Tarek Sayed	2 yrs
	Bartlett, finishing 4th yr	Mike Bartlett	1 yr

# CSCE Membership / Membres SCGC

Sections	Sept 30/13	Sept 30/12
East New Brunswick/P.E.I.	66	68
Newfoundland	71	65
Nova Scotia	44	59
West New Brunswick	113	41
null	2	1
Durham/Northumberland	50	72
Hamilton	236	219
London & District	203	215
National Capital Section	175	193
North Bay	12	13
Northwestern Ontario	102	110
Toronto	662	643
Manitoba	107	110
Saskatoon	140	137
South Saskatchewan (Interim)	44	40
Montreal	392	454
Quebec	285	279
Sherbrooke	128	113
Calgary	377	357
Edmonton	299	349
Vancouver Island	37	42
Vancouver	460	543
<b>SUB TOTAL - CDN</b>	<b>4005</b>	<b>4123</b>
Foreign	94	94
Hong Kong	24	18
<b>GRAND TOTAL</b>	<b>4123</b>	<b>4235</b>

Grade	Sept 30/13	Sept 30/12
Fellow	222	209
"Member (corp, US&intl, new)"	1459	1321
Associate Member (1-4)	191	194
Technical/Professional Affiliate	0	1
Technologist (1st +)	2	1
<b>SUB TOTAL - FULL PAYING MEMBERS</b>	<b>1874</b>	<b>1726</b>
Life Member	219	303
Fellow Life Member	118	128
Retired Member	9	9
Fellow Retired Member	44	41
Associate Member (0 Year)	0	0
<b>SUB TOTAL - MISC</b>	<b>390</b>	<b>481</b>
Student	1859	2028
<b>GRAND TOTAL</b>	<b>4123</b>	<b>4235</b>

Regions	Sept 30/13	Sept 30/12
Atlantic	295	233
Ontario	1440	1465
Prairie	291	287
Quebec	805	846
Western	1174	1292
<b>SUB TOTAL - CDN</b>	<b>4005</b>	<b>4123</b>
Foreign and Hong Kong	118	112
<b>GRAND TOTAL</b>	<b>4123</b>	<b>4235</b>

## Sustaining Members—Civil Engineering Departments Membres de soutien—départements de génie civil

### Atlantic/Atlantique

Memorial University  
Dalhousie University  
University of New Brunswick

### Québec

Université Laval  
Université de Sherbrooke  
Concordia University  
École Polytechnique  
École de Technologie Supérieure  
McGill University

### Ontario

Carleton University  
University of Ottawa  
McMaster University  
Queen's University  
Royal Military College  
Ryerson University  
University of Toronto  
University of Waterloo  
University of Western Ontario  
University of Windsor

### Prairies

University of Manitoba  
University of Saskatchewan

### West/Ouest

University of Alberta  
University of Calgary  
University of British Columbia – Okanagan  
British Columbia Institute of Technology  
University of British Columbia  
University of Victoria

## INDEPENDENT AUDITORS' REPORT

To the Members,  
**The Canadian Society for Civil Engineering:**

We have audited the accompanying financial statements of The Canadian Society for Civil Engineering, which comprise the balance sheets as at September 30, 2013 and September 30, 2012, and the statements of changes in net assets, revenue and expenditure and cash flows for the years then ended, and a summary of significant accounting policies and other explanatory information.

### **Management's responsibility for the financial statements**

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Canadian accounting standards for not-for-profit organizations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

### **Auditors' responsibility**

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### **Opinion**

In our opinion, the financial statements present fairly, in all material respects, the financial position of The Canadian Society for Civil Engineering as at September 30, 2013 and September 30, 2012, and the results of its operations and its cash flows for the years then ended in accordance with Canadian accounting standards for not-for-profit organizations.



### **OUSELEY HANVEY CLIPSHAM DEEP LLP**

Licensed Public Accountants  
Ottawa, Ontario  
December 1, 2013

**THE CANADIAN SOCIETY FOR CIVIL  
ENGINEERING**

 BALANCE SHEET  
AS AT SEPTEMBER 30, 2013

**LA SOCIÉTÉ CANADIENNE DE  
GÉNIE CIVIL**

 BILAN  
AU 30 SEPTEMBRE 2013

	<u>2013</u>	<u>2012</u>	
<b>ASSETS</b>			<b>ACTIF</b>
<b>CURRENT</b>			<b>À COURT TERME</b>
Cash	\$ 584,767	\$ 799,512	Encaisse
Accounts receivable	104,788	255,332	Comptes clients
Government remittances receivable	54,525	36,482	Remises gouvernementales (recevables)
Conference advances	33,520	27,567	Avances - congrès
Prepaid expenses	<u>1,530</u>	<u>4,151</u>	Frais payés d'avance
	779,130	1,123,044	
<b>PROPERTY AND EQUIPMENT (note 4)</b>	<u>18,568</u>	<u>795</u>	<b>BIENS ET ÉQUIPEMENT (note 4)</b>
	<u>\$ 797,698</u>	<u>\$ 1,123,839</u>	
<b>LIABILITIES</b>			<b>PASSIF</b>
<b>CURRENT</b>			<b>À COURT TERME</b>
Accounts payable	\$ 72,441	\$ 379,945	Comptes fournisseurs
Government remittances payable	7,732	7,521	Remises gouvernementales (payables)
Due to regions and sections	54,570	53,180	Dû aux régions et sections
Deferred revenue	<u>1,400</u>	<u>24,800</u>	Revenu reporté
	136,143	465,446	
<b>NET ASSETS</b>			<b>ACTIF NET</b>
Second Century Fund	159,650	159,650	Fonds du 2e siècle
Unrestricted	<u>501,905</u>	<u>498,743</u>	Non affecté
	661,555	658,393	
	<u>\$ 797,698</u>	<u>\$ 1,123,839</u>	

 Approved on behalf of the Board:  
Au nom du conseil:



Director/Administrateur



Director/Administrateur

**THE CANADIAN SOCIETY FOR CIVIL  
ENGINEERING**

STATEMENT OF CHANGES IN NET ASSETS  
FOR THE YEAR ENDED SEPTEMBER 30, 2013

	<u>2013</u>	<u>2012</u>
<b>SECOND CENTURY FUND</b>		
Balance - beginning and end of year	\$ <u>159,650</u>	\$ <u>159,650</u>
 <b>UNRESTRICTED</b>		
Balance - beginning of year	\$ 498,743	\$ 495,644
Net revenue for the year	<u>3,162</u>	<u>3,099</u>
Balance - end of year	\$ <u>501,905</u>	\$ <u>498,743</u>

**LA SOCIÉTÉ CANADIENNE DE  
GÉNIE CIVIL**

ÉTAT DE L'ÉVOLUTION DE L'ACTIF  
NET POUR L'EXERCICE TERMINÉ  
LE 30 SEPTEMBRE 2013

**FONDS DU DEUXIÈME SIÈCLE**

Solde, début et fin de l'exercice

**NON AFFECTÉ**

Solde, début de l'exercice

Revenus nets pour l'exercice

Solde, fin de l'exercice

## THE CANADIAN SOCIETY FOR CIVIL ENGINEERING

STATEMENT OF REVENUE  
AND EXPENDITURE  
FOR THE YEAR ENDED SEPTEMBER 30, 2013

	<u>2013</u>	<u>2012</u>
<b>REVENUE</b>		
Membership fees		
Full members	\$ 269,321	\$ 267,066
Students	13,504	25,972
Corporate	102,105	100,880
Communications	92,552	113,405
Life long learning	107,789	122,211
Annual conference	601,096	-
Conferences (net)	22,038	161,391
Special projects	-	776
Interest	3,190	8,996
Miscellaneous	13,281	2,998
	<u>1,224,876</u>	<u>803,695</u>
<b>EXPENDITURE</b>		
Administration	404,711	426,629
Communications	108,780	117,128
Life long learning	106,674	108,990
Rebates to regions and sections	15,306	8,531
Committees and Board	41,228	43,977
Annual conference	452,653	-
Annual meeting	17,657	7,736
Special projects	28,957	8,340
Business plan implementation	-	37,117
Awards and sponsorship	36,946	39,689
Miscellaneous	8,802	2,459
	<u>1,221,714</u>	<u>800,596</u>
<b>NET REVENUE FOR THE YEAR</b>	<u>\$ 3,162</u>	<u>\$ 3,099</u>

## LA SOCIÉTÉ CANADIENNE DE GÉNIE CIVIL

ÉTAT DES REVENUS ET DÉPENSES  
POUR L'EXERCICE TERMINÉ  
LE 30 SEPTEMBRE 2013

<b>REVENUS</b>
Frais d'adhésion
Membres
Membres étudiants
Membres d'entreprise
Communications
Formation continue
Congrès annuel
Conférences (net)
Projets spéciaux
Intérêts
Divers
<b>DÉPENSES</b>
Administrations
Communications
Formation continue
Ristournes aux régions et sections
Comités et conseil d'administration
Congrès annuel
Assemblée annuelle
Projets spéciaux
Exécution du plan d'affaires
Prix et commandites
Divers
<b>REVENUS NETS POUR L'EXERCICE</b>

**THE CANADIAN SOCIETY FOR CIVIL  
ENGINEERING**

STATEMENT OF CASH FLOWS  
FOR THE YEAR ENDED SEPTEMBER 30, 2013

	<u>2013</u>	<u>2012</u>
<b>OPERATING ACTIVITIES</b>		
Net revenue for the year	\$ 3,162	\$ 3,099
Items not affecting cash		
Amortization	5,257	1,532
Net change in non-cash working capital		
Accounts receivable	150,544	(174,997)
Government remittances receivable	(18,043)	(12,020)
Conference advances	(5,953)	(4,323)
Prepaid expenses	2,621	(3,646)
Accounts payable	(307,504)	246,336
Government remittances payable	211	(1,170)
Due to regions and sections	1,390	(4,620)
Deferred revenue	(23,400)	21,224
	<u>(191,715)</u>	<u>71,415</u>
<b>INVESTING ACTIVITIES</b>		
Purchase of property and equipment	<u>(23,030)</u>	<u>(840)</u>
<b>NET INCREASE (DECREASE) IN CASH</b>	<b>(214,745)</b>	<b>70,575</b>
Cash - beginning of year	<u>799,512</u>	<u>728,937</u>
<b>CASH - END OF YEAR</b>	<b>\$ <u>584,767</u></b>	<b>\$ <u>799,512</u></b>

**LA SOCIÉTÉ CANADIENNE DE  
GÉNIE CIVIL**

ÉTAT DES MOUVEMENTS DE LA  
TRÉSORERIE POUR L'EXERCICE TERMINÉ  
LE 30 SEPTEMBRE 2013

<b>ACTIVITÉS D'OPÉRATION</b>
Revenus nets pour l'exercice
Éléments sans effets pour l'encaisse
Amortissement
Changement net du fonds de roulement
Comptes clients
Remises gouvernementales (recevables)
Avances - congrès
Frais payés d'avance
Comptes fournisseurs
Remises gouvernementales (payables)
Prêt des régions et sections
Revenus reporté
<b>ACTIVITÉS D'INVESTISSEMENT</b>
Achat de biens et d'équipement
<b>AUGMENTATION (DIMINUATION) NETS D'ENCAISSE</b>
Encaisse - début de l'exercice
<b>ENCAISSE - FIN DE L'EXERCICE</b>

## THE CANADIAN SOCIETY FOR CIVIL ENGINEERING

NOTES TO FINANCIAL STATEMENTS  
SEPTEMBER 30, 2013

### 1. NATURE OF THE ORGANIZATION

The objective of the Society is to advance the civil engineering profession by the exchange of technical information through seminars, conferences, publications and research. All Canadian civil engineers are eligible for membership and the Society is a member of The Engineering Institute of Canada (EIC). The Society is managed by an elected Board of Directors on behalf of the members.

The Society was incorporated under the Canada Corporations Act in 1985 as a not-for-profit organization and is not subject to income taxes.

These financial statements do not include the accounts of the Trustees and Jamieson Funds as detailed in note 7.

### 2. SIGNIFICANT ACCOUNTING POLICIES

These financial statements have been prepared in accordance with Canadian accounting standards for not-for-profit organizations (see note 8) and include the following significant accounting policies:

#### a) Estimates and assumptions

The preparation of financial statements requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenditure during the reporting period. Actual results may differ from those estimates.

#### b) Financial instruments

Financial instruments are initially recognized at fair value and are subsequently measured at cost, amortized cost or cost less appropriate allowances for impairment.

#### c) Property and equipment

Property and equipment are recorded at cost less accumulated amortization. Amortization is provided on the straight line basis over 3 years on equipment and over 5 years on database software.

#### d) Revenue recognition

The Society follows the deferral method of accounting for contributions. Restricted contributions are recognized as revenue in the year in which the related expenditure is incurred. Unrestricted contributions are recognized as revenue when they are received or become receivable.

Individual membership fees are recognized as revenue over the period to which they relate. Corporate membership fees are recognized as revenue in the period in which they become receivable.

Other revenues are recognized in the year in which the event is held or the revenue is earned.

## LA SOCIÉTÉ CANADIENNE DE GÉNIE CIVIL

NOTES COMPLÉMENTAIRES  
LE 30 SEPTEMBRE 2013

### 1. NATURE DE L'ORGANISATION

L'objectif de la Société est l'avancement de la profession par l'échange de savoir technique au moyen de séminaires, congrès, publications et recherches. Tous les ingénieurs civils canadiens peuvent devenir membres de la Société, qui est une société membre de l'Institut canadien des ingénieurs (ICI). La Société est dirigée par un conseil d'administration élu par les membres.

La Société a obtenu son incorporation comme organisme à but non lucratif en 1985 en vertu de la Loi sur les Corporations canadiennes et bénéficie d'une exemption fiscale.

Ces états financiers ne comprennent pas la comptabilité des Fonds en fiducie and Jamieson, tel qu'expliqué à la note 7.

### 2. PRINCIPALES PRATIQUES COMPTABLES

Ces états financiers ont été préparés selon les normes comptables canadiennes pour les organismes sans but lucratif (voir note 8) et comprennent les pratiques comptables principales suivantes:

#### a) Estimations et hypothèses

La préparation des états financiers exige que la direction fasse des estimations et des hypothèses qui ont une incidence sur le montant déclaré de l'actif et du passif et révèle l'actif et le passif éventuels à la date des états financiers ainsi que le montant déclaré du revenu et des dépenses pendant la période visée par les états. Les résultats réels peuvent être différents de ces estimations.

#### b) Instruments financiers

Les instruments financiers sont d'abord reconnus à leur juste valeur et ensuite mesurés au coût, au coût après amortissement ou au coût moins des allocations appropriées pour l'affaiblissement.

#### c) Biens et équipements

Les biens et l'équipement sont consignés au coût moins l'amortissement cumulé. L'amortissement est calculé de façon linéaire sur 3 ans sur l'équipement et sur 5 ans sur le logiciel de base de données.

#### d) Comptabilisation des revenus

La Société utilise la méthode du report des revenus. Les contributions sont reconnues à titre de revenus au cours de l'exercice où les dépenses correspondantes sont enregistrées. Les contributions non affectées sont reconnues à titre de revenus lorsque reçues ou à recevoir.

Les cotisations individuelles sont reconnues comme des revenus pour la période qu'elles couvrent. Les cotisations des membres d'entreprise sont reconnues comme des revenus pour la période durant laquelle elles sont recevables.

D'autres revenus sont constatés dans l'exercice au cours duquel l'événement a lieu ou les revenus sont gagnés.

## THE CANADIAN SOCIETY FOR CIVIL ENGINEERING

NOTES TO FINANCIAL STATEMENTS  
SEPTEMBER 30, 2013

### 2. SIGNIFICANT ACCOUNTING POLICIES (continued)

#### e) The Second Century Fund

The Fund was created in 1987 to provide assistance for the enhancement of technical activities of the Society. It is administered by a three member committee.

#### f) Regional operations

These financial statements reflect only the rebates that are paid or payable to the Regions and do not include the assets, liabilities or operations of the Regions.

### 3. FINANCIAL INSTRUMENTS

Financial instruments of the Society consist of cash, accounts receivable, government remittances receivable and payable, conference advances, accounts payable and due to regions and sections.

Unless otherwise noted, it is management's opinion that the Society is not exposed to significant interest rate, currency, credit, liquidity or market risks arising from its financial instruments and the carrying amount of the financial instruments approximate their fair value.

### 4. PROPERTY AND EQUIPMENT

	2013			2012		
	Cost	Accumulated amortization	Net			
	Coût	Amortissement cumulé	Net			Net
Equipment	\$ 14,839	\$ 13,871	\$ 968	\$ 795	Équipement	
Database software	22,000	4,400	17,600	-	Logiciel de base de données	
	<u>\$ 36,839</u>	<u>\$ 18,271</u>	<u>\$ 18,568</u>	<u>\$ 795</u>		

### 5. COMMITMENTS

#### a) Office space

The Society has leased office space at a minimum annual rental of \$35,000 to August 31, 2015.

#### b) Regional rebates

The Society rebates up to 10% of membership fees to the Regions.

#### c) EIC core program fee

The Society is a member of the EIC and pays the core program fee to support its essential operations.

## LA SOCIÉTÉ CANADIENNE DE GÉNIE CIVIL

NOTES COMPLÉMENTAIRES  
LE 30 SEPTEMBRE 2013

### 2. PRINCIPALES PRATIQUES COMPTABLES (suite)

#### e) Le Fonds du deuxième siècle

Le Fonds a été créé en 1987 pour contribuer à l'amélioration des activités techniques de la Société. Le Fonds est administré par un comité de trois membres.

#### f) Opérations régionales

Ces états financiers reflètent uniquement les rabais versés ou à verser aux régions, sans inclure l'actif, le passif ou les opérations des régions.

### 3. INSTRUMENTS FINANCIERS

Les instruments financiers de la Société comprennent des liquidités, des comptes clients, des remises gouvernementales (recevables et payables) des avances - congrès, des comptes fournisseurs et des prêt des régions et sections.

Sous réserve d'indication contraire, la direction estime que la Société n'est pas exposée à des risques considérables liés au taux d'intérêt, au cours de change, au crédit, à la liquidité ou au marché dérivant de ses instruments financiers, et la valeur comptable des instruments financiers est proche de sa juste valeur.

### 4. BIENS ET ÉQUIPEMENT

	2013			2012		
	Coût	Amortissement cumulé	Net			Net
Équipement	\$ 14,839	\$ 13,871	\$ 968	\$ 795	Équipement	
Logiciel de base de données	22,000	4,400	17,600	-	Logiciel de base de données	
	<u>\$ 36,839</u>	<u>\$ 18,271</u>	<u>\$ 18,568</u>	<u>\$ 795</u>		

### 5. ENGAGEMENTS

#### a) Locaux pour bureaux

La Société a loué des locaux à un loyer annuel minimum de 35,000\$ jusqu'au 31 août 2015.

#### b) Rabais régionaux

La Société consent aux régions des rabais allant jusqu'à 10% des cotisations.

#### c) Honoraires pour les programmes de l'ICI

La Société est membre de l'ICI et verse à celle-ci des honoraires pour son fonctionnement.

## THE CANADIAN SOCIETY FOR CIVIL ENGINEERING

NOTES TO FINANCIAL STATEMENTS  
SEPTEMBER 30, 2013

### 6. CONTINGENT LIABILITY

The Society's regional operations are not separately incorporated, therefore, the Society could be held responsible for liabilities incurred but not honoured by the Regions.

### 7. RELATED PARTIES

The Society is responsible for the management and administration of The Canadian Society for Civil Engineering Foundation Trustees Fund (Trustees Fund) and The Donald Jamieson Fellowship Fund (Jamieson Fund). These Funds are a registered charity under the Canadian Income Tax Act and the Quebec Taxation Act.

The Trustees Fund was created to provide honours and awards to recognize outstanding contributions made by engineering students and other individuals to the development of civil engineering through research, teaching and structural design work. The Fund is administered by a three member committee appointed by the Society.

The Jamieson Fund was created to further graduate student research at Canadian universities in the area of structural engineering. The amount and frequency of the fellowship is not specified, however, only 80% of the interest income earned in the fund is available for disbursement. The Fund is administered by a three member committee appointed by the Society.

## LA SOCIÉTÉ CANADIENNE DE GÉNIE CIVIL

NOTES COMPLÉMENTAIRES  
LE 30 SEPTEMBRE 2013

### 6. DETTE ÉVENTUELLE

Les opérations des régions ne sont pas traitées séparément, et la Société peut être tenue responsable des dettes encourues mais non honorées par les régions.

### 7. PERSONNES APPARENTÉES

La Société est responsable de la gestion et de l'administration de la Fondation de la SCGC, des fonds en fiducie et des fonds Donald Jamieson Fellowship. Ces fonds sont considérées comme des oeuvres de bienfaisance en vertu des lois canadienne et québécoise de l'impôt sur le revenu.

Les fonds en fiducie ont été créés pour financer les prix et récompenses attribués à des étudiants en génie ou à d'autres personnes pour leur contribution au développement du génie civil par leur recherche, leur enseignement et leur travail. Le Fonds est géré par un comité de trois membres nommée par la Société.

Le Fonds Jamieson a été créé pour aider aux recherches par des étudiants des cycles supérieurs en génie des structures. Le montant et la fréquence des bourses n'est pas précisé, et 80% du revenu en intérêt peut être versé. Le fonds est administré par un comité de trois membres nommée par la Société.

	<u>2013</u>	<u>2012</u>	
<b>ASSETS</b>			<b>ACTIF</b>
Cash	\$ 12,134	\$ 98,486	Encaisse
Investments	257,809	162,937	Placements
Accounts receivable	1,624	1,472	Comptes clients
	<u>\$ 271,567</u>	<u>\$ 262,895</u>	
 <b>NET ASSETS</b>			 <b>ACTIF NET</b>
Trustees Fund			Fonds en fiducie
Balance - beginning of year	\$ 145,121	\$ 134,501	Solde, début de l'exercice
Interest	3,394	4,210	Intérêts
Donations	9,596	13,850	Dons
Awards and other expenses	<u>(1,303)</u>	<u>(7,440)</u>	Bourses et divers
Balance - end of year	<u>156,808</u>	<u>145,121</u>	Solde, fin de l'exercice
Jamieson Fund			Le Fonds Jamieson
Balance - beginning of year	117,774	125,036	Solde, début de l'exercice
Interest	2,754	3,916	Intérêts
Donations	1,842	1,542	Dons
Awards and other expenses	<u>(7,611)</u>	<u>(12,720)</u>	Bourses et divers
Balance - end of year	<u>114,759</u>	<u>117,774</u>	Solde, fin de l'exercice
	<u>\$ 271,567</u>	<u>\$ 262,895</u>	

## THE CANADIAN SOCIETY FOR CIVIL ENGINEERING

NOTES TO FINANCIAL STATEMENTS  
SEPTEMBER 30, 2013

### 8. ADOPTION OF ACCOUNTING STANDARDS FOR NOT-FOR-PROFIT ORGANIZATIONS

Effective October 1, 2012 the Society adopted the requirements of the Canadian Institute of Chartered Accountants (CICA) Handbook - Accounting, electing to adopt the new accounting framework: Canadian accounting standards for not-for-profit organizations (ASNFPO). These are the Society's first financial statements prepared in accordance with ASNFPO which has been applied retrospectively. The significant accounting policies in note 2 have been applied in preparing these financial statements for the year ended September 30, 2013 and the comparative information presented in these financial statements for the year ended September 30, 2012 and in the preparation of the opening balance sheet as at October 1, 2011 (the Society's date of transition).

The Society issued financial statements for the year ended September 30, 2012 using generally accepted accounting principles prescribed by CICA Handbook - Accounting V. The adoption of ASNFPO had no impact on the previously reported assets, liabilities and net assets of the Society, and accordingly, no adjustments have been recorded in the comparative balance sheet and statements of changes in net assets, revenue and expenditure and cash flows; and the opening balance sheet has not been presented.

## LA SOCIÉTÉ CANADIENNE DE GENIE CIVIL

NOTES COMPLÉMENTAIRES  
LE 30 SEPTEMBRE 2013

### 8. L'ADOPTION DE NORMES COMPTABLES POUR LES ORGANISMES SANS BUT LUCRATIF

A partir du 1er octobre 2012, la Société a adopté les exigences du Manuel de l'Institut canadien des Comptables agréés (ICCA) - Comptabilité, optant pour le nouveau cadre de comptabilité: les normes comptables canadiennes pour les organismes sans but lucratif (NCOSBL). Ceux-ci sont les premiers états financiers de la Société préparés conformément aux NCOSBL qui ont été appliqués rétrospectivement. Les pratiques comptables principales dans la note 2 ont été appliquées dans la préparation de ces états financiers pour l'exercice terminé le 30 septembre 2013 et les informations comparatives présentées dans ces états financiers pour l'exercice terminé le 30 septembre 2012 et dans la préparation du bilan d'ouverture au 1er octobre 2011 (la date de transition de la Société).

La Société a présenté des états financiers pour l'exercice terminé le 30 septembre 2012 en utilisant les principes comptables généralement acceptés prescrits par le Manuel d'ICCA - Comptabilité V. L'adoption des NCOSBL n'a pas eu d'impact sur les actifs, passifs et actifs nets précédemment déclarés de la Société, et en conséquence aucuns ajustements ont été enregistrés dans le bilan comparatif et dans les états de l'évolution de l'actif net, des revenus et dépenses et des mouvements de la trésorerie; et le bilan d'ouverture n'a pas été présenté.