

# The Canadian Society for Civil Engineering



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CONGRÈS **2012 EDMONTON**

LEADERSHIP IN SUSTAINABLE INFRASTRUCTURE  
LEADERSHIP EN INFRASTRUCTURES DURABLES



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## Annual Report

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**2011 | 2012**

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September 30, 2011

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# Minutes of the 2011 Annual General Meeting (AGM)

## June 16, 2011 – Ottawa, ON

### 1. Call to Order

The 2011 Annual General Meeting (AGM) of the Canadian Society for Civil Engineering was called to order by President Vic Perry at 1:07 p.m.

along with the financial statements for the fiscal year ended September 30, 2010, were accepted. The motion was carried unanimously.

### 2. Adoption of the Agenda

On a motion by Kirk Thompson and seconded by Robert Driver, the proposed agenda for the meeting was accepted. The motion was carried unanimously.

8.2 On a motion proposed by Jeff Rankin and seconded by Ernest Yanful, the firm Ouseley Hanvey Clipsham Deep was appointed as auditors of the Society for the fiscal year 2010-2011. The motion was carried unanimously.

### 3. Approval of the Minutes of the 2010 Annual General Meeting, June 11, 2010 (Winnipeg, MB)

On a motion by Alistair MacKenzie and seconded by Mike Bartlett, the minutes of the 2010 Annual General Meeting were accepted. The motion was carried unanimously.

### 9. Report of the Nominations Committee

The Report of the Nominations Committee was presented with the following amendments:

### 4. Business Arising from the previous meeting

There was no business arising from the minutes of the Annual General Meeting of June 11, 2010.

a) Stéphane Roy has stepped down as Vice President, Québec Region, and the Nominations Committee will be seeking a replacement.

### 5. President's Report

The President, Vic Perry, verbally presented his report and spoke on his experiences of the past year.

b) Patrick Hettiaratchi has stepped down as Chair of the Environmental Engineering Division and Gopal Achari will assume that role.

### 6. Letter Ballot

The President reported on the approval of the Letter Ballot to change the wording of section 17.3, allowing the President or his/her designate to make public statements on behalf of the CSCE.

c) George Akhras' name was incorrectly spelled in the written report.

On a motion proposed by Gordon Jin and seconded by Peter Wright, the new slate of nominees was accepted. The motion was carried unanimously.

### 7. Other Annual Reports from the Executives

On a motion proposed by Tom Brown and seconded by Linda Newton, all reports published in the 2010-2011 Annual Report were accepted. The motion was carried unanimously.

### 10. Ratification of actions of officers and directors

On a motion by Lloyd Waugh and seconded by Mike Bartlett, the ratification of actions of officers and directors since the last Annual General Meeting was accepted. The motion was carried unanimously.

### 8. Report of the Honorary Treasurer

The Honorary Treasurer's report, including the audited CSCE financial statements for the fiscal year ended September 30th, 2010, were adopted as published in the 2010-2011 Annual Report.

### 11. Other Business

President Vic Perry turned the meeting over to Randy Pickle, the new President of the CSCE.

8.1 On a motion proposed by Jeff Rankin and seconded by Kirk Thompson, the report of the Honorary Treasurer,

### 12. Adjournment

On a motion by Mohamed Attalla and seconded by Mike Bartlett, the meeting was adjourned at 1:22 p.m. The motion was carried unanimously.

# President's Report

*"Build the right infrastructure the first time and build the infrastructure right the first time"* has become somewhat of a buzz phrase around the CSCE over the last 12 months.

The go – forward from the 2010 CSCE Annual Meeting was to develop a strategic plan for CSCE to be leaders in addressing the major issue of the day, the deteriorated condition of the nation's civil infrastructure. The side effects of this refocusing will be a CSCE that is more relevant to the profession, will have an enhanced public profile and is appealing to all Civil Engineers whether a new graduate or senior management, practitioner or academic, working in any of the subject areas of our discipline. The Strategic Planning Committee that was struck following the 2010 AGM, together with our Executive Director, continued to work through the development of the plan with input from all areas of the Society. At the workshop held in conjunction with the November 2011 Board of Directors meeting, those present, including Board members, committee chairs, Section Chairs, etc., identified three strategic directions that for CSCE: provide enhanced services to the membership, grow the young members of the Society and demonstrate leadership in sustainable infrastructure. The specifics of each of these directions will be communicated to the membership as the CSCE moves forward in implementing the strategic plan.

At the AGM in Ottawa in 2011, we again hosted a breakfast to welcome the students and young professionals to the conference, an initiative undertaken in 2010 for the President and President-Elect to get better acquainted with this group of existing and potential members of the Society. The breakfast also launched the Young Professionals' agenda for the conference. During the conference Amie Therrien facilitated a number of dialogue sessions, as well as social activities, to get an understanding as to what young Civil Engineers expect from CSCE. Subsequent to the conference the Board authorized the formation of the Young Professionals Committee with Ms. Therrien as the interim Chair.

The monthly President's E-letter to all members continues to provide a brief commentary on issues of interest to Civil Engineers as they arise, key events around CSCE and generally what the President, President-Elect and others have been doing on behalf of the Society.

CSCE has a new look to its flagship publication, *Canadian Civil Engineer* as well as additional features such as enhanced areas for news from our Sections and Regions, room for more news from our Student Sections and articles from our corporate members on projects of interest.

CSCE is also on Facebook providing real – time opportunities for members to interact by providing information on events, activities and programs, download video clips and links that are relevant to our profession.

In 2010, CSCE collaborated with the Federation of Canadian Municipalities, the Canadian Construction Association and the Canadian Public Works Association to develop a method of collecting comprehensive, scientifically based, repeatable and standardized information on the inventory, condition and asset management practices of Canada's core public infrastructure that municipalities own, manage and operate. With the completion of the data collection phase in 2011, representatives from the four organizations are distilling the information to create the first *Canadian Infrastructure Report Card*. The results of the findings are planned to be released at a joint press release, possibly as early as June, 2012. The report card will be a resource for government agencies, infrastructure stakeholders and owners in developing policies and planning improvements to the country's civil infrastructure systems.

On September 18<sup>th</sup>, 2011, your President, the Vice-President International, a previous VP International and the Executive Director hosted a delegation led by Minister E Jingping, from South – North Water Diversion project in the People's Republic of China. During their visit, the Port of Montreal hosted the delegation at their offices followed by a presentation and tour of the Lachine Canal. Representatives from Parks Canada provided a history of the canal and its importance in the development of the City of Montreal, finishing with a trip down the canal. Following these tours, the Chinese delegation and the representatives from CSCE were able to discuss two issues of concern to the Chinese delegation relevant to the South – North Water Diversion project; the presence of expansive soils and quality control in construction. On behalf of the members of CSCE we offered to source the resources that could be made available to the project in these areas.

In October, your President attended the CGS Board of Directors meeting, in Toronto that preceded their annual conference, as a non-voting member of its Board. The CGS is facing the same struggles as CSCE with respect to member retention, attracting graduating engineers and providing grass roots programmes to members in their Sections and a synergy could be established between the Sections to provide local events with common interests. At the opening ceremonies of the CGS conference, your President brought greetings on behalf of the CSCE to the national and international delegates who had assembled in Toronto.

The CSCE is one of the constituent Societies of the Engineering Institute of Canada. The main focus for EIC this past year has been the celebration of 125 years of Canadian Engineering Societies. In 1987, on the occasion of the 100<sup>th</sup> anniversary, the EIC had honored the top ten engineering achievements to date and in 2012, the EIC added five more to the list of which two are civil engineering projects; the CN Tower and the Confederation Bridge. The CSCE Honours and Fellowships Committee has been working together with the EIC Honours and Awards Committee to organize a joint Awards Gala at the CSCE 2012 Annual Conference.

This is not only the 125<sup>th</sup> anniversary of the founding of CSCE, it

is also the 40<sup>th</sup> anniversary of the reconstitution of the CSCE as the Canadian Society for Civil Engineering. The Membership Committee of the CSCE has created a 40-year pin that has been distributed to the nearly 500 members of the Society who have reached this milestone in 2012. In the years to come, pins will be distributed to other members as they reach other significant milestones of continuous membership.

In November, 2011, the Minister of Transport, Infrastructure and Communities announced a three – phase process which will result in a new Infrastructure Plan for Canada. CSCE responded to the announcement in the belief that the next round of infrastructure investment must above all else be durable, sustainable infrastructure, as opposed to disposable infrastructure, has minimal social and environmental impact, is readily maintainable and is adaptable to future needs. The CSCE partnered with Engineers Canada and the Association of Consulting Engineering Companies – Canada to prepare and submit a white paper on the role of engineers in infrastructure as part of the first phase of the process. In early May, 2012, CSCE was invited to make a presentation on Sustainable Infrastructure: building infrastructure right and building the right infrastructure, to the Steering Committee set up by the Ministry, to receive advice from expert groups. This is phase 2 of their process leading to the next Infrastructure Program. Phase 3 will be undertaken later this year.

In November, 2011, a number of Past-Presidents of the Society, one past-Honorary Treasurer and your President, along with National Office staff, came together in Montreal to honour and thank Louise Newman for her 19 years of service to the CSCE. Louise has been involved in all aspects of the Society over her years of service, from membership to publications to awards and other duties as assigned. All that she was asked to do, she did, with a very high level of proficiency. With her retirement, we have lost a very valuable asset of CSCE and beyond that, a very good friend.

In 2004, the CSCE Board of Directors created the first international branch for the Society in Hong Kong. At the November Board of Directors meeting, the CSCE Vice-President International brought forward a discussion paper outlining the issues and concerns of the executive of the Hong Kong Branch. The CSCE Board reaffirmed its desire to maintain a branch in Hong Kong and work to enhance and improve the inclusion of HKB members in CSCE such as positions on any of the various technical committees, as well as expanding communications between Canada and Hong Kong. Further, commitments were made to increase the number of visits by CSCE Presidents to Hong Kong.

In May, your President attended the sixth CSCE *Advanced Composite Materials in Bridges and Structures Conference* in Kingston, ON, a major specialty conference of the CSCE that is held every four years. The ACMBS conference provides the forum for the exchange of information in the innovative use of composite materials in bridges and structures, which leads to the design and construction of sustainable infrastructure. One of the session tracks at this year's ACMBS was in sustainability dealing with life-cycle costing, environmental impacts, economic, etc.

During the past year as President, I have had the opportunity to represent CSCE on a number of occasions. In October, your President and Executive Director represented CSCE at the annual meeting of the American Society of Civil Engineers in Memphis, TN. An International Roundtable, with participants from the U.S., Canada, U.K., South Korea, South Africa, Mongolia and other international guests, was convened to hear presentations on sustainability. During the conference we had the opportunity to again meet with our counterparts from ASCE to discuss issues and concerns common to both organizations. In early November, I had the opportunity to join with the Korean Society of Civil Engineers, in Seoul, South Korea, as they celebrated their 60th anniversary. Also in attendance were representatives from the Japan Society of Civil Engineers, the Mongolian Association of Civil Engineers, Institute of Civil Engineers, the Taiwanese Civil Engineering Society and the World Federation of Engineering Organizations. An International Roundtable focused on the globalization that is occurring in the world today.

Since 1997, the CSCE, ASCE and the Institution of Civil Engineers (U.K.) have been participating in the Triennial Conference, with the hosting of the conference rotating between each organization. A delegation of five speakers, representing CSCE, including your President, participated in the 2012 Triennial Conference hosted by the ASCE, in Washington, D.C., in March, 2012. The theme of this edition of the conference was *Global Perspectives on Sustainable Infrastructure*. While we have yet to unveil the results from the *National State of Canadian Infrastructure Report Card*, developed with our partners at the Federation of Canadian Municipalities and the Canadian Construction Association, we did get to see the results from similar report cards prepared by ASCE and ICE. On both report cards the ratings were C's and D's and we can expect our report card to not be any more promising. At the closing of the conference the Presidents of the three Societies signed a protocol acknowledging that we are committed to a civil engineering profession able to address the global challenge of sustainable development. We will endeavour to provide the tools and advice to public and private sector decision makers at national and supranational levels on the infrastructure and skills required for a sustainable future. Engineers cannot deliver their vision on their own. This requires a multidisciplinary approach and collaboration with other professionals as well as introducing engineers to the new skills for a changing world. The protocol can be found on the CSCE web site.

In reflecting back not just on my year as President but also my prior years on the Board of Directors, today's CSCE is not the same CSCE it was 10 years or even 5 years ago. The CSCE is not just about technical papers at conferences. The CSCE is becoming a voice that is being heard and being recognized for its knowledge in civil infrastructure.

Respectfully submitted,

**T. R. Pickle**, P. Eng., FCSCE, FEC  
President

# Executive Director's Report

The year ending September 30, 2011 was what I would call a transition year. It was not particularly successful financially, but good work was done that lays the foundation for important initiatives that should bear fruit in coming years. On a personal level, I continue to learn about CSCE and how it works. I continue to seek ways to reduce costs, to improve revenues, to communicate more effectively and to provide more services to members. I am not fully satisfied with what I have accomplished to date, but I feel I am getting better.

## Financial results:

The bottom line for the year 2010-11 was that CSCE did not meet its budget. Rather than the forecast breakeven performance, the actual financial result for the year was a loss of approximately \$43,350, a 7% shortfall relative to forecast. The Society is still very viable financially despite last year's losses. At September 30, 2011 CSCE's reserves were equal to approximately one full year's total average expenses.

There were areas of performance during 2010-11 that were better than budgeted, including:

- corporate membership dues revenue
- net lifelong learning revenues
- net conference revenues

There were also areas where we failed to meet budget targets, including:

- regular membership dues revenue
- net communication revenues
- administrative expenses
- support to sections, committees and board of directors
- annual meeting expenses
- special projects

Since September 2011, a number of adjustments have been made to improve efficiency of National Office operations. Variability in net conference revenues, communications revenues and lifelong learning revenues will continue, however, to be a challenge to financial management of the Society.

## Member services:

It is essential that members feel that National Office in Montreal is there to serve them – not the other way around. In order for National Office to serve our members, however, we desperately need good member data. If your mailing address or email address is incorrect under your member profile (for whatever reason) you may be missing out on information we are trying to send you.

So please take the time to go to <http://www.csce.ca/> and log on with your member number and password. Don't worry if you have forgotten your password - the system will send it to you if you ask.

If you do not receive your password from the system it is probably because we do not have your correct email address (again, for whatever reason). In this case Patricia Kerr, Membership Officer, is standing by to help. Patricia is available at 514-933-2634 ext. 21 or at [membership@csce.ca](mailto:membership@csce.ca).

## New initiatives:

The most important new initiative worked on during 2010-11 was the Strategic Planning process. This far-reaching project has been led over the last two years by our Presidents Elect: in sequence; Vic Perry, Randy Pickle and Jim Kells. Under their leadership, CSCE Executives at all levels contributed to the formulation of three clear and practical Strategic Directions. If approved by the Board of Directors in June 2012, these Strategic Directions will be communicated out to all members. Thereafter, all levels of CSCE will be asked to integrate the strategic Directions into their annual work plans. The adoption of the Strategic Directions will not fundamentally change CSCE, but they will make our work more focused and more effective.

## In Conclusion:

I would like to thank all our National Office staff for their excellent work over the last year. Louise Newman, who has managed our Communication activities (as well as much else over the years) retired early in December 2011 and I want to thank her for all her years of service to CSCE.

As well I would like to express my sincere gratitude to all our volunteers – at the Section, Regional and National levels. In particular, I would like to thank Linda Newton and her team, who pulled together a successful annual conference in Ottawa in June 2011. They accomplished this within a very tight timeframe and all with grace and professionalism.

It continues to be a pleasure and privilege to be working for you. Please contact me directly at [doug.salloum@csce.ca](mailto:doug.salloum@csce.ca) if you have suggestions for how I can serve you better.

**Doug Salloum, B.Sc., MBA, PMP – Executive Director**

# Report of the President-Elect

This report marks only the second time that the Society has had a report from the President-Elect as the position only came into force in June 2010. Randy Pickle, our current President, was our first President-Elect. This position was established to facilitate greater continuity in the Society's senior leadership team and thus the direction being taken by the Society. It allows the incoming President an opportunity to develop an enhanced understanding of his/her role as President, to engage in getting to better know the Society's operations and procedures, and to develop their own sense of vision for moving the Society forward in its mission. As the current President-Elect, and the first to serve the entire four-year Presidential track, I am of the view that establishing the position was a good move and will serve us well in the years ahead.

The President-Elect is a member of the Society's senior executive team (i.e., President, President-Elect, Senior Vice-President and Executive Director). The person in the position has minimal direct responsibilities insofar as the intention is to facilitate an opportunity to grow into the position of President. Ad hoc responsibilities, along with other members of the senior executive team, include visiting Sections and Regions to the extent that their other work commitments allow. The key direct responsibility is to provide leadership at the Fall Board workshop around visioning and planning on behalf of the Society.

Aside from participating in the monthly teleconference meetings of the senior executive team and the quarterly meetings of the National Management Committee (two in person, two by teleconference), my main activities this year included leading the fall Board workshop for our strategic plan, participating in the Triennial Conference of the ASCE (USA), ICE (UK) and CSCE, and making one Section visit to Regina (in addition to visiting my home Section in Saskatoon) as part of the National Lecture Tour given by Prof. Ioan Nistor on the tsunami that struck Japan. Personally, I was disappointed that I was not able to undertake more visits to Sections and Regions, but my work commitments simply did not allow that to be done.

At the fall Board workshop, the key focal points were on establishing our strategic directions for the business plan of our new vision, Leadership in Sustainable Infrastructure. This work was predicated on the work done over the previous two years by the business plan steering committee, initially under the direction of Past-President Vic Perry and later our current President Randy Pickle. The key goals of the workshop were to develop agreement and better understanding around our three strategic directions and to further develop some of the action plans in support of those directions. Roundtable leadership at the workshop was generously provided by Cathy Lynn Borbely, Jeff Rankin, Vic Perry, Gordon Jin and James Garland. The three strategic directions in support of our vision include: (1) enhancing our current program offerings so as to better support our members, (2) developing an improved focus on our newer and younger members so as to both better serve their needs

and retain them as members, and (3) growing our leadership in sustainable infrastructure so as to better position ourselves in an area of importance to our profession and to our country. Following the workshop, and continuing up to our Board and annual general meetings in June, efforts have been made to assemble action plans and associated timelines, as well as communications plans, for our Vision 2020 business plan.

The Triennial Conference is a joint initiative of the ASCE, ICE and CSCE, which is held every three years. This year, the conference was hosted by ASCE in Washington, DC. The over-arching theme of the conference was on sustainable infrastructure, which tied in very nicely with our current business plan for Vision 2020, Leadership in Sustainable Infrastructure. The event comprised of six sessions, with a speaker from each of ASCE, ICE and CSCE speaking on a common topic in each session. In addition, there was a keynote address given by Jose Luis Irigoyen from the World Bank on sustainability in a global context. Aside from myself, presenters from Canada included Reg Andres, Guy Félio, Catherine Mulligan and Randy Pickle. One of our six speakers, Darrel Danyluk, became ill and was unable to make the trip; Guy Félio graciously agreed to give Darrel's presentation. A clear message arising from the conference is that there is lots of work being done to develop strategies to address the implementation of sustainable infrastructure, although it was also clear that there is much work to be done.

In conclusion, it has been my pleasure to serve the Society as President-Elect this year. Moreover, I look forward to the challenges and opportunities that will inevitably present themselves over the coming year. The wonderful support of so many of our members in this CSCE journey is greatly appreciated. Indeed, I take this opportunity to offer a big vote of thanks to our many wonderful volunteers without whom we could not accomplish all that we do. I am also grateful for the work done and support given by our staff team in our National office under the leadership of Executive Director Doug Salloum.

Respectfully submitted,

**J.A. Kells**, P.Eng., FCSCE  
President-Elect



# Report of the Senior Vice President

The SVP of CSCE is responsible for the Regions and Sections across the country and moves on to become the President-Elect, although that position can be contested. Since the addition of the position of President-Elect last year, the SVP can now provide greater focus on Section and Region activities, which are the fundamental roots of the Society.

The CSCE currently has 20 Sections across Canada and one Branch in Hong Kong, which are supported by six Regions. The Sections met at the fall Board workshop, where the key focal points were on establishing our strategic directions for the business plan of our new vision, Leadership in Sustainable Infrastructure. The reports of the Regional VPs below highlight the various activities of the Sections and Regions.

## **Atlantic Region**

**Vice-President, Susann Woolgar, P.Eng., 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 Gordon Jin until September 2011 and his successor Bing Chen, has been very active during the past year and continues to raise the profile of the CSCE, to promote the new Vision 2020, grow local membership, and support and cultivate the next generation of civil engineers within the Province and beyond.

Regular Section meetings were resumed in September 2011 and the executive committee has been reconstructed based on a succession recruitment and retention plan. The Student Chapter was launched at Memorial in the fall of 2011 and has its own executive committee consisting of 12 members representing both undergraduate and graduate students. There are ongoing initiatives of membership promotion in the local university and college communities.

The Section hosted the National Lecture tour on the Japan Tsunami in September 2011. Efforts are underway to collaborate with other technical groups and engineering organizations. Following discussions with the Cana-

dian Geotechnical Society, St. John's Chapter as well as the support and encouragement from the national level, the two local sections/chapters started to share resources and co-host events. As a result, local members from both societies benefitted from four seminars and one upcoming workshop at membership rates. The Section hosted the one-day workshop on the Guide to Bridge Hydraulics on April 19, 2012. The Section also contributed to an article in the local newspaper, The Telegram, supplement for National Engineering Month.

The **Nova Scotia Section** is continuing its efforts to rejuvenate the Section. The Section hosted the National Lecture Tour at the Sexton Campus of Dalhousie University in September. The event was well attended and good exposure for the Society in Halifax was provided.

The Local Organizing Committee of the Section continues its work toward the hosting of the Society's 2014 Annual Conference under the leadership of John Newhook. The conference theme of "Sustainable Municipalities" has been chosen and an honorary chair for the Conference has been identified. Members of the Conference Committee are now all in place and the work of the Committee is well on schedule. The Conference hotel is confirmed as the Marriott Harbourfront and venues for social events are being determined.

The **Western New Brunswick Section** is chaired by Andy Small. This Section was not very active over the past year but did host the National Lecture Tour. Andy is currently working on recruiting new people to get involved with this Section.

The **Eastern New Brunswick and Prince Edward Island Section**, chaired by Luc DeGrâce, holds executive meetings on a monthly basis and regularly hosts member events. Section events included a volunteer day with Habitat for Humanity in October 2011 and a construction site visit of the new Georges Dumont Hospital Energy Centre complete with underground service tunnel in November 2011. The executive committee met for a holiday potluck in December 2011. In February 2012, an afternoon of job shadowing was organized for Université de Moncton (U de M) student members, where students spent the afternoon with engineers working in their

prospective fields. The Section also sponsored a team from U de M to attend the CSCE Troitsky Bridge Building Competition in Montreal in March 2012. Also in March, a presentation was held about a prototype of a highly energy efficient, sustainable home currently being built by a civil engineering professor at U de M.

The Section has planned two more activities for April 2012. First a dinner & learn on the new City of Moncton municipal plan that was recently released. Second, the course Guide to Bridge Hydraulics, hosted by CSCE, will be held in Moncton on April 21, 2012. Finally, in May 2012, the U de M will host the annual CSCE Concrete Canoe Competition. Representatives from the Section will be present to promote the Society and will also have the opportunity to participate as judges.

## **Québec Region**

**Vice-President, Tony Bégin, ing., M.Sc.A., MSCGC**

The **Québec Section** is well managed with eight executive members under the leadership of two co-chairs, Francis Labrecque and Sylvain Carrier. Their organization is well established among the Québec City civil engineering communities. The activities program is published in advance with a reminder invitation by email one week prior to a scheduled date event. From May 2011 to June 2012, nine (9) activities have been organized such as the famous annual lobster dinner, a National Lecture Tour (NLT), six (6) technical conferences and one Civil Engineer Career Forum. The attendees to the conferences are in the range of 40 people, the Career Forum received 70 students and the annual lobster dinner had over 90 participants.

The dynamism of the executive members is remarkable. They now need to have it become contagious in order for the civil engineering professionals to support them by becoming members of the Society. Increasing the membership is the top priority for next year.

The **Montréal Section** is not active since no Section executive has been appointed for 2011-2012. A succession plan for 2012-2013 is under preparation by the CSCE Québec Region VP and the CSCE Senior Vice President.

The **Sherbrooke Section** student chapter is active with close to 70 student members. The faculty advisor, Mrs. Nathalie Roy, and Mr. Eric St-Georges are involved at the Section level. The civil engineering professional community is invited to join the student chapter conferences and activities in order to create learning and networking opportunities.

**Student Chapters** in Laval and Sherbrooke continue to be active through participation in various competitions, site tours and social activities. More emphasis has been given to the Montreal Civil Engineering Universities (École Polytechnique, École de Technologie Supérieure, McGill and Concordia) since September 2011 in collaboration with the CSCE National office. Many events, such as the CSCE Membership Benefit introduction conference, technical visits, engineering career presentations and networking events have been organized. We hope this interaction will motivate and attract the CSCE student chapter members to pursue their involvement at the professional level with the Montreal Section.

#### **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 typically meets by teleconference but will meet in person at the CSCE Annual Conference.

The **National Capital Section**, chaired by Gary Holowach, has focused their energies in 2011 as members of the Local Organizing Committee for the AGM and Conference. The Section includes two active Student Chapters: Carleton University and University of Ottawa. The Section provided sponsorship and participated in the 2011 Ottawa Regional Science Fair, EngFrosh 2011 at Carleton University, University of Ottawa Iron Ring Ceremony and the Concrete Toboggan competition. The Section also provided sponsorship of the dedication of the Fleet Street Pump Station as a CSCE National Historic Site during the conference.

The **Durham-Northumberland Section** serves a large geographic area from east of Toronto to Kingston and is chaired by Brandon Robinson. The Section hosted two luncheons in 2011; Japan's Fukushima-Daiichi Nuclear Accident: A Technical Assessment, by Dr. John Luxat and Highway 2 Bus Rapid Transit, by James Garland.

Average attendance at luncheon events is 30. The Section is financially healthy, but wants to add more members to its executive.

Cameron Blair became Chair of the **Toronto Section** in the fall of 2011 with Peter Langan continuing to serve as Past Chair and Treasurer.

The Section facilitates continuing education workshops, and lectures of interest to CSCE members. The Section supports the Ryerson University and the University of Toronto CSCE student chapters. This year the Section also provided financial support to the Ontario Engineering Competition being hosted by the University of Toronto.

All Section events held during the year have been well attended, typically with 40 to 60 people. As well, two Young Professionals events were held and well attended, showing promise for future Young Professionals events and activities within the Section. Nigel Parker has created a new website giving the Toronto Section a strong internet presence and improved communication of events and activities to members ([www.csce-toronto.ca](http://www.csce-toronto.ca)). Initiatives to engage members and encourage attendance have met with success including automated event registration and an alternative venue to the ones used in the past.

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 was fortunate to host the CSCE 2011 National Lecture Tour *Tsunami Impacts on Infrastructure* by Dr. Ioan Nistor. Attendance was overwhelming with representation from students from McMaster University, faculty and industry participants. The Section executive, chaired by Ben Hunter, currently has seven members, including active and retired professionals, academics and students, all who are involved in the planning of the Section's events and activities. New executive members are currently being welcomed to assist in coordinating the Section's efforts.

The **Northwestern Ontario Section** serves an area with a population of 150,000 people and is chaired by Gerry Buckrell. This Section also

hosted the CSCE 2011 National Lecture Tour *Tsunami Impacts on Infrastructure* in September. The Section Chair is keen to expand his executive so that more ideas can be implemented.

The **London and District Section** is a joint CSCE-CGS Section with a representation of professionals, professors and students on the twelve-person executive. The Section, chaired by Tom Mara, has members from across Southwestern Ontario, particularly from the London, Windsor and Kitchener-Waterloo areas. The Section supports the CSCE Student Chapter (Western Society for Civil Engineering) at The University of Western Ontario (UWO) and integrates some activities with the students including a Second Year Welcome to Civil BBQ and an international development course project report presentation event. The Section hosted seven dinner presentations with an average attendance of approximately 30 people, some of whom were students. The Section works closely with local engineering firms to sponsor a number of UWO student activities, such as the Polar Stick Bridge competition, Western Concrete Canoe (WECCA), Western Concrete Toboggan (WETT), as well as providing an Outstanding Student award at the completion of each academic year.

#### **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 Region sponsored a Section Workshop in Winnipeg in April 2011 to assist the Winnipeg Section as they began to plan local activities. Members from the Saskatoon and South Saskatchewan Sections attended and provided lessons learned information to the Winnipeg Section. In September, the Saskatoon and South Saskatchewan Sections partnered with the Consulting Engineers of Saskatchewan to facilitate a seismic design seminar in Saskatoon and Regina.

The **South Saskatchewan Section**, chaired by Harold Retzlaff, has been moderately active. The Section hosted several technical lunch presentations and a fall NLT. In addition, the Section hosted two workshops, Seismic Design, and Bridge Hydraulics. The Section is working with the University of Regina to de-

velop events that will engage the students and the local engineering professionals.

The **Saskatoon Section**, chaired by Mike Hnatiuk, enjoyed another busy and successful year. Local activities consisted of six luncheon seminars, a day-long profitable professional development seminar, a new initiative to add a social aspect to our activities, and multiple activities involving students including the 4th annual Popsicle Stick Bridge Building Competition. The Section again had the honour of presenting three undergraduate student scholarships, two of which were on behalf of the 2004 CSCE Annual Conference. Activities were generously supported by a growing list of annual corporate sponsors. The Section website has become more and more integral to our activities and our advertising, and we will continue to use it as a means of connecting with our members. We are still attracting young professional members to our Section executive and with our ongoing turnover within the executive we are ready to further our successes in the coming years.

The **Manitoba Section**, chaired by Dr. Dagmar Svecova, is pleased to report an increasing level of activities over the previous year following a successful Annual Conference in 2010. The Section organized two breakfast meetings that were well attended, and plan another meeting for spring 2012. The Section hosted a workshop on the Guide to Bridge Hydraulics. The Executive currently has five positions filled and is canvassing for another member to assist with organizing the breakfast meetings.

#### **Western Region**

**Vice-President, Brad Smid, P.Eng., MCSCE**

The CSCE **Western Region** covers the geographic area of Alberta, British Columbia, and parts of Northwest Territories and the Yukon. The Region includes four active sections (Edmonton, Calgary, Vancouver, and Vancouver Island). The Region is home to about a third of the Society's membership, and continues to grow through the dedication and enthusiasm of its volunteers.

The second annual Western Region Lecture Tour was held in February 2012. Jerod Johnson of Reaveley Engineers + Associates from Salt Lake City, Utah was the guest speaker for a series of outstanding lectures on the Utah State Capitol Seismic Retrofit Project. The lectures were hosted in all four Sections of the

Region, drawing good attendance and industry support for this collaborative effort.

The Western Region is proud to host the 2012 CSCE Conference in Edmonton. This year's theme is "Leadership in Sustainable Infrastructure". Combined with the celebration of the 125th Anniversary of the Engineering Institute of Canada (EIC), the forbearer of CSCE, the conference will prove to be an unforgettable experience looking at the past, present, and future of Civil Engineering in Canada.

The **Vancouver Section** hosted several events this year including workshops, presentations, networking events, a member appreciation night, and a panel discussion on Roles and Responsibilities of Municipal and Consulting Engineers. The Section was proud to host the Hong Kong Institute of Engineers at a special event in March 2012. Students continue to contribute to the strength of the Section, and student members were supported through industry collaboration events and scholarships at both the University of British Columbia and the British Columbia Institute of Technology. The Section launched an updated website which includes an events calendar for all of the CSCE student and local activities in British Columbia. ([www.csebc.ca](http://www.csebc.ca))

The **Vancouver Island Section** (based in Victoria) continues to support the monthly luncheon meetings of the Vancouver Island Branch of the EIC and the Canadian Society for Senior Engineers. Together with the CSCE History Committee, the Section is working on the placement of a CSCE historical site plaque at the Victoria Airport, to recognize the role of this airfield and local Civil Engineers in the British Commonwealth Air Training Plan. The Section is pleased to report that the University of Victoria is moving ahead with plans to start a Civil Engineering program starting in 2012. This will provide added opportunities for student involvement and member recruitment, to complement the Section's relationship with the Civil Engineering Technology program at Camosun College.

The **Edmonton Section** delivered a high quality program including technical seminars, workshops, and networking events. The core program includes eight technical dinner meetings, two technical luncheons, and an annual mixer and awards night which honours the Section's fellows and sponsors. The dinner meetings and luncheons focus on major projects and topics of interest to all Civil Engineers. A strong student chapter at the

University of Alberta (the Civil Club) continues to provide dynamic support to Section activities, which has led to increased young professional involvement on the Section executive. The Section continues to pursue partnerships and opportunities to promote civil engineering in the Edmonton area. This year, the Section is working with the University of Alberta to develop a Civil Engineering History Display. Industry support, and volunteer recruitment and retention, are some of the key reasons for the ongoing success of the Section. ([www.csecedmonton.org](http://www.csecedmonton.org))

The **Calgary Section** remains highly active and delivered a dynamic program including six dinner meetings and a technical tour of the new West LRT Sunalta Station. Dinner meeting topics included the South-east Stony Trail project, SAIT Trades and Technology Complex, Urban Bicycle Facilities Planning and Design, Construction of Rion-Antirion Cable-Stay Bridge, and Heavy Foundation Design for Industry. The Section continues to foster industry support and collaboration. In addition to many ongoing initiatives such as student scholarships and the Graduate Student Poster Contest, the Section initiated a young professionals group that held their first event in February 2012. With strong attendance and dedicated volunteers, the future of this group looks bright. Calgary hosted the 2012 Great Northern Concrete Toboggan Race in February 2012. The Section was pleased to sponsor this event which attracts student participation from coast to coast. ([www.cseccalgary.ca](http://www.cseccalgary.ca))

#### **International Region**

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

The VP-International oversees CSCE Branches established outside the borders of Canada, provides advice and assistance to the CSCE Board of Directors and National Office with respect to membership issues and services for CSCE members residing outside of Canada, and works closely with the CSCE International Affairs Committee (IAC) on maintaining cordial relationships with foreign engineering societies. This past year has been an active time for the Society in terms of its international activities, and these are highlighted below.

The CSCE **Hong Kong Branch** (HKB) supports three student chapters at three local tertiary educational institutes in Hong Kong. In

late June to early July 2011, an international Student-Civil-Global Exchange Program was organized by the Hong Kong University of Science and Technology (HKUST) and CSCE HKB student chapter on the university campus. A few students from the University of Toronto and Ryerson University in Toronto, and from Tsinghua University in Beijing as well students from the HKB student chapters at Chu Hai College and Hong Kong Institute of Vocational Education (HKIVE) participated in this event. Due to budget constraints and limited support only a few Canadian civil engineering students could go to Hong Kong for this interesting exchange. The main objective of the program was to foster and promote technical/professional exchanges among civil engineering students from Hong Kong, Canada and Mainland China.

A few months ago, HKB executives voted to co-sponsor the First Australasia and South East Asia Conference in Structural Engineering and Construction (ASEA-SEC-1) in Perth, Western Australia. The Conference, to be held in the fall of 2012, is being organized by the Department of Civil Engineering, Curtin University in Western Australia.

A temporary HKB Website was set up a few months ago and should be finalized in the summer of 2012. The website will be linked to the CSCE website and the Canadian University Alumni Association in Hong Kong. It is expected that the HKB website will provide Canadian/local training and technical exchange activities and to initiate agreements of cooperation with other engineering organiza-

tions for joint delivery of educational/professional products in the areas of environmental, structural, geotechnical, transportation, etc.. Prof. Moe Cheung (HKB Chair) and a number of HKB executives visited Toronto in August and December 2011 to discuss some of the existing issues between the CSCE Canada and CSCE HKB. In October 2011, Todd Chan was in Hong Kong and met with some HKB executives to discuss a few existing HKB issues and to learn more about on-going HKB activities.

A visit by the CSCE President to Hong Kong to participate in the HKB AGM and Annual Dinner to be held on September 6, 2012 is in the planning stage. At this coming AGM, Prof. Moe Cheung, the Founding Chair of the HKB will step down after providing excellent service to the CSCE for more than five years. Therefore, it is very timely for the CSCE President to visit the HKB at their 2012 AGM at the time of the leadership transition and to give the local CSCE members support and encouragement.

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

To increase the CSCE international membership, a CSCE Task Group consisting of four CSCE members (Jim Kells, Incoming CSCE President, Brian Burrell, VP – Technical Programs, Kirk Thompson, Immediate Past VP – International and Todd Chan, VP - International) was formed in 2011. Various options to increase the number of CSCE members beyond the borders of Canada have been explored and recommendations have been submitted to the CSCE Board of Directors for

discussions and approval in June 2012. It is hoped that the members of the Task Group will continue next year to further develop practical strategies and plans to increase the CSCE international membership and help oversee their implementation.

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

Todd Chan (VP –International) has worked very closely with members of the CSCE IAC to undertake international activities outside of Canada. At present, most of these activities were undertaken in the Pacific Rim Region due to historical factors. During the past several years, members of the HKB made significant contributions to the IAC activities by their participation in co-organizing the first and the second waste engineering conferences (ICWEM 2008 in Hong Kong, and ICWEM 2010 in Shanghai). As well, the HKB executives support the close relationship between the Hong Kong Institution of Engineers (HKIE) and the CSCE. A full report of the IAC can be found within the PCC Technical Programs Report.

The SVP would like to take this opportunity to thank the CSCE staff and all the volunteers for their contributions during the past year.

Respectfully submitted,

**Yves Cadotte**, ing., M.A.Sc., MBA, MCSCCE  
Senior Vice President

## **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 Jahn 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: Jeff Rankin, MCSCCE, Fredericton; Alan Perks, FCSCCE, Ottawa; and Chris Thompson, FCSCCE, Brampton.

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# 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.*

## Cold Regions

**Chair: Dan Smith, P.Eng., FCSCE**

The Division is currently rebuilding a network of members interested in the technical challenges of cold regions engineering. The Division is supporting the organization of the Fifteenth International Specialty Conference on Cold Regions Engineering, a joint conference supported by both CSCE and ASCE, which will take place in Quebec City, August 18–23, 2012.

The Division Chair will meet with ASCE members of the Technical Council on Cold Regions Engineering in Anchorage, Alaska to discuss a future revision (4th edition) of the Cold Regions Utilities Monograph (CRUM). As an outcome of this meeting, it is intended that a Canadian and U.S. Steering Committee will be formed to revise the CRUM document.

## Construction Division

**Chair: Mohamed Attalla, P.Eng., FCSCE**

The mandate of the Division is to represent those CSCE members interested in Construction activities in Canada and to support CSCE by conducting activities that are related to the fields of Construction. The Division is preparing a special issue on Productivity in Construction of the Canadian Civil Engineer (CIVIL) for August 2013.

The Division is also coordinating a special issue on construction for the Canadian Journal of Civil Engineering (CJCE). Papers have been solicited and refereed and will be finalized later this year for publication.

The Division is collaborating with the Cana-

dian Construction Association (CCA) in developing an entity called Canadian Construction Innovation whose research projects will be industry driven with the major objective to build strong links with NRC-IRC. The Division is also working with the UK Association of Researchers in Construction Management (ARCOM) to develop a Memorandum of Understanding between the two organizations with a view to strengthening the links between members of ARCOM and CSCE by agreeing to cooperate through the setting up a channel of communication.

## Engineering Mechanics/Materials Division

**Chair: Medhat Shehata, P.Eng., MCSCE**

The Division held its second international specialty conference in conjunction with the annual conference in June 2011 where more than 90 peer-reviewed papers were published. The third specialty conference is planned to take place during the 2013 CSCE annual conference in Montreal.

The Division put together a Special Issue of the Canadian Civil Engineer in the spring of 2012 on “Sustainable Materials for Green Buildings” featuring topics pertaining to previous concrete pavements, glass fiber-reinforced plastics and ultra-high performance concrete in bridge rehabilitation, and alternative aggregate sources for low-strength construction materials.

The Division is discussing the possibility of developing position papers in various areas of its expertise, i.e. reinforcement corrosion as well as developing the criteria for a new award in the area of engineering materials. Finally,

the division is investigating the potential for establishing an international conference in the area of engineering material and mechanics to be held every four years and not intended to replace the specialty conference that takes place every other year during the annual CSCE conference.

## Hydrotechnical Division

**Chair: Ioan Nistor, P.Eng., MCSCE**

The Division organized the 20th Canadian Hydrotechnical Conference which was held in conjunction with the CSCE Annual Conference in Ottawa in June 2011. This was a major undertaking which required significant effort and coordination.

The Division was in charge of this year's National Lecture Tour (NLT) delivered by Dr. Ioan Nistor on the topic of Engineering Lessons from the 2011 Japan Tsunami. The tour was a real success and was the second most attended NLT event ever.

The Division will participate in the organization of the 2nd International and 4th Coastal and Offshore Engineering Specialty Conference to be held in conjunction with the CSCE Annual Conference Montreal in 2013.

The Chair of the Division was invited by the Nanjing Hydraulic Research Institute and Hohai University, one of the leading coastal and river engineering universities in China, to make presentations on the effort related to tsunami impacts and effects on infrastructure. The visits allowed also for discussions on possible collaboration between the Chinese hydraulic engineering and the Canadian hydraulic and coastal engineering communities.

## Environmental Division

**Chair: Gopal Achari, P.Eng., MCSCE**

The Division was heavily involved in the organization of the 12th International Environmental Specialty Conference to be held in Edmonton. Over 85 abstracts were submitted and over 50 papers in a variety of environmental topics including solid/hazardous waste, air/water/land pollution, climate change and sustainability issues and green technology were accepted for presentation at the meeting.

The Division initiated discussions with the Hong Kong Institution of Engineers (HKIE) to restart the cooperation and hold a joint conference in 2014.

#### **Structural Division**

**Chair: Khaled Sennah, P.Eng., MCSCE**

The Division was involved in the organization of the 3rd International Structural Specialty Conference, ISCC-III, being held in conjunction with the 2012 CSCE Annual Conference in Edmonton. Dr. Khaled Sennah is the conference co-chair representing the Structures Division. The conference will feature a keynote lecture and 160 technical papers providing a worldwide state-of-the-art forum for all aspects of structural engineering. Many members of the Division contributed to abstract and paper reviews.

The 6th International Conference on Advanced Composite Materials in Bridges and Structures, ACMBS-VI, was held in Kingston, Ontario, in May, 2012. The conference featured 75 papers with a variety of industrial and academic presence.

The 9th International Conference on Short and Medium Span Bridges, SMSB-IX, will be held in Calgary in 2014. Dr. Mamdouh El-Badry, Chair of the conference, reported that organization of the conference is progressing. The sub-committees of this Division on Masonry Structures, Timber Structures, Steel Structures, Advanced Composite Materials, Buried Structures, Structural Dynamics and Concrete Structures have nothing to report.

#### **Transportation Division**

**Chair: Liping Fu, P.Eng., MCSCE**

Four members of the Division consisting of Drs. Fu, Zhong, Qiu, and Liu visited China during June and July 2011. The CSCE delegation held meetings with several Chinese partners to discuss future cooperation and attended CSCE sponsored conferences on behalf of the CSCE (China Highway and Transportation Society (CHTS); Tongji University, Southeast University, Southwest Jiaotong University, and Lanzhou Jiaotong University). The delegation attended the 1st International Conference on Transportation Information and Safety (ICTIS-2011) in Wuhan organized by Wuhan University of Technology (WUT). CSCE involvement is based on a MOU signed with WUT to support the conference. The delegation participated in the International Workshop for Urban Transportation Research at Beijing

Jiaotong University in June 2011.

The Division is responsible for the technical program of the CSCE 2012 Transportation Specialty Conference with co-chairs Drs. Qiu and Fu. The Division has also been organizing a joint China-Canada workshop focusing specifically on winter road maintenance, which will be held right before the 2012 CSCE Annual Conference.

#### **Infrastructure Renewal Committee**

**Chair: Reg Andres, P.Eng., FCSCE**

The role of CSCE as a recognized national leader in the area of civil infrastructure systems continues to be the primary driver for many of the activities of the Committee. It focuses on working with other national bodies such as the Canadian Public Works Association (CPWA), the Canadian Network of Asset Managers (CNAM), the Federation of Canadian Municipalities (FCM), the Canadian Construction Association (CCA) and the Association of Consulting Engineering Companies in Canada (ACEC) in providing leadership through joint project activities, committees, etc.

CSCE is Co-Chair of the National Roundtable for Sustainable Infrastructure (NRTSI) represented by Reg Andres; the Canadian Public Works Association (CPWA) is the other Co-Chair. In 2011, this national forum for discussion took place on such initiatives as the National Summit led by the Big City Mayors Caucus. A similar summit is planned for 2012. Initiated in 2010 and continued in 2011, Representatives of FCM, CCA, CPWA and CSCE formed a Project Steering Committee (PSC) and became the funding partners for the first Canadian infrastructure Report Card project with the first issue to be rolled out in 2012.

In 2011, another new initiative was launched with CSCE taking a lead in assembling a group of national association representatives from CPWA, CCA, ACEC and CSCE for a discussion on the concept of a Canadian "sustainability rating system for infrastructure". The newly formed Institute for Sustainable Infrastructure (ISI) in the USA has produced such a rating system identified as Envision. A Canadian version of this system is considered to be an important initiative. This, in fact, aligns with the CSCE vision and, as such, this rating system is seen as one of the more strategic national initiatives for the foreseeable future. CSCE will continue to take a leading role in the follow-up discussions anticipated

for 2012.

#### **Sustainable Development Committee Catherine Mulligan, P.Eng., MCSCE**

The Committee (SDC) is an inter-divisional technical committee which provides leadership and expertise to the CSCE with respect to sustainable development and in particular with respect to sustainable engineering practice. The 5th ASTM International Symposium on Contaminated Sediments: Sustainable Management and Remediation will be held in Montreal in 2012. The chair of the Committee, Catherine Mulligan, is representing the CSCE on the Organization Committee of the second EIC Climate Change Conference to be held also in Montreal in 2013.

The Committee is actively participating in the CGS Geoenvironmental Division/CSCE Sustainable Development Committee joint session. The 1st International Conference on Sustaining Public Infrastructure is held as a specialty conference in Edmonton 2012 and will focus specifically on planning, funding, building, operating and maintaining public infrastructure. The intention is to bring together planners, accountants, city managers, and many other civil engineers who are tasked to deliver these vital infrastructure services to society. Catherine Mulligan is the Co-Chair for the specialty conference.

The Committee was represented at the Triennial Conference 2012-Global Perspectives on Sustainable Infrastructure, March 25-26, 2012, in Arlington VA, with a paper on indicators for sustainable infrastructure. A comparison of Champlain and Victoria bridges - case study is being initiated. The members of the team are Saeed Mirza, Elisabeth Arnold, Robert Therriault, Doug Salloum and Catherine Mulligan.

#### **Innovations and IT Committee**

**Chair: Simon Foo, P.Eng., MCSCE**

This Interdivisional Technical Committee was established to reflect on the growing importance of innovations and emerging technologies in all fields of Civil Engineering. The Committee coordinated the publication of a Special Issue of the Canadian Civil Engineer in the fall of 2011 on "New Opportunities in Computing in Civil Engineering" featuring four articles on "Modélisation Hydrodynamique", Environmental Impact on Buildings, Smart Technologies and Blast Loads on Buildings.

The Committee is also coordinating the publication of a Special Issue of the Canadian Journal of Civil Engineering on “Innovation & IT”. Many papers have been submitted and reviewed and 8 papers have been selected and the issue is planned for publication in the summer of 2012.

The Committee is providing assistance to the 3rd International Structural Specialty Conference, with two IIT Committee members serving on the International Scientific Committee, providing support on the review process, promoting the conference and possibly chairing a session.

The Committee is working with the National Office and the Canadian Standards Association (CSA) on the organization of a 1-day national seminar on the new CSA Standard S850 - Blast Design and Assessment for Buildings. The new CSA Standard is expected to be published in the spring of 2012. The plan is to have the seminars in various cities, starting in the fall of 2012.

### **Concluding Remarks**

The CSCE is a voluntary organisation with many technical divisions/committees/programs working together to provide technical, professional and administrative services to its members.

The quantity and quality of the services is the product of contributions by the participating members. These may differ from one year to another since that is the inevitable nature of a volunteer organisation. This year, some of the technical divisions and committees were more active than others and this is reflected in the summary of their reports provided above.

As VP – Technical Divisions and Committees, I would like to thank all the Chairs and members of the seven technical divisions and of the three technical committees for their work, support and help running this part of the CSCE. The cooperation of all has made it a pleasure as well as an opportunity to serve as VP.

**Georges Akhras**, P.Eng, ing, FCSCE  
VP – PCC Technical Divisions and Committees

## **Report of the Honorary Treasurer**

After a quite prosperous fiscal year in 2009-2010, the Canadian Society for Civil Engineering experienced a modest year for finances in 2010-2011. Overall, revenues decreased significantly over the previous fiscal year in many of the core areas, with the exception of membership. While total expenses also decreased significantly over the previous fiscal year, the result was a net deficit of \$43,349.

The core revenues for this fiscal year continued to be membership fees (43%), continuing education (25%), advertising of communications (8%), and conferences (7%). While membership revenues experienced a small growth due to an increase in corporate dues, revenues from continuing education and advertising revenues decreased slightly, and conference revenues were significantly below the previous year and slightly below normal values. Special projects (funded by the Canadian International Development Agency and Infrastructure Canada) revenues reflected a decrease in activity in this area, contributing an additional 16% towards revenues. The offsetting expenses for the special projects undertaken resulted in a small net gain.

The core expenditures for 2010-2011 include operations (44%), continuing education (19%), communications (11%), and support of committees and meetings (7%). Operations expenditures decreased over the previous fiscal year, while expenditures for continuing education, communications (production of the Canadian Civil Engineer magazine), and support of committees and meetings, all represent slight increases over the previous year.

The financial results from 2010-2011 reflect an investment towards improving the efficiency of overall operations and increasing the level of support for all volunteer committees throughout the Society. The recent trends in financial results from conferences and communications provide further evidence for the need to improve these core components of the Society.

Further details of the revenues and expenditures are available in the enclosed audited financial statements. In summary, despite the net financial results, the Society continues to deliver world-class conferences, educational seminars and informative publications of significant value to members and the broader Civil Engineering community. The quality in the services provided reflects the continuing hard work and dedication of volunteers throughout the Society at the national 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 delivered significant value to members and the broader Civil Engineering community.

The Canadian Society for Civil Engineering remains in a healthy financial position to further support the efforts of our volunteers and leverage our leadership position in all matters related to civil engineering.

**Jeff H. Rankin**, P.Eng, MCSCE  
Honorary Treasurer

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

**Technical Programs consists of three committees: Career Development, Education and Research, and International Affairs plus individual program officers responsible for conference monitoring, national lecture tours, and the editorial functions of the Canadian Journal of Civil Engineering (CJCE). Whereas Technical Committees are mandated to deal with technical subjects common to several areas of specialization dealt with by the Technical Divisions, 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. This report includes a brief statement of the purpose and recent activities of the Program Committees and Program Officers.**

## Career Development Committee (CDC)

The CDC 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 of CSCE policy pertaining to continuing education and professional development. The CDC is assisting with the organization of the 2nd CSCE Forum on Professional Practice and Career Development as part of CSCE 2013 Annual General Conference, where issues concerning the profession are to be discussed.

The CDC also carries out planning, review and endorsement of continuing education and professional development. Committee members identified potential professional development technical courses that could be offered through the National Office. The CDC is working on the summer 2012 issue of CIVIL on the theme: Practical Professional Development for Practising Engineers, Guest editor – Bhuwan Devkota. CDC will be working with the International Affairs Committee (IAC) on a 2013 issue on the theme: Challenges to Canadian Engineering: Global Trends in Professional Development.

The CDC will be working with IAC on a Task Force on Globalization. The Task Force is to consider what activities can be carried out to improve the competitiveness of Canadian Civil Engineers, disseminate information on international mobility agreements, and explore means to help Canadian civil engineers acquire international work experience. The CDC invites interested CSCE members to join the Task Force.

## Education and Research Committee (ERC)

The mandate of the ERC is the development, promotion, and advocacy of issues related to national education strategies and engineering research. The Committee has been re-formulated in the past year.

Eighteen universities replied to an ERC questionnaire on engineering education. Concerns were voiced about several issues, among which the principle concerns were: budget cuts and associated space issues, increasing enrolments without commensurate resources, inability to plan replacement of faculty (budget issue), and difficulties in attracting quality applicants for new positions.

The committee worked with the Heads and Chairs in preparation for the Heads and Chairs meeting held in conjunction with the 2012 CSCE Annual Conference in Edmonton. The Committee will be working with the Heads and Chairs to formalize the relation between them and the CSCE.

## CSCE International Affairs Committee (IAC)

The IAC is dedicated to advancing the CSCE as a Canadian engineering society with a strong international presence. It is responsible for international activities of the CSCE except those pertaining to CSCE membership in foreign countries (which falls under the CSCE Vice-President – International). IAC has ongoing contact and discussions with several engineering societies in many parts of the world, and has carried out international development and

capacity building projects in several countries. Some projects during the past year are mentioned below.

*Cameroon:* The Kumbo Water Improvement Project was undertaken pursuant to an agreement with CIDA which came into effect in October 2009. There were 11 assignments involving Canadians going to Cameroon and two assignments involving Cameroonians coming to Canada. The project was completed successfully in October 2011 and included the production of a manual to be distributed in Cameroon.

*China:* The People's Republic of China continues to be a major area of IAC activity. IAC has good relations with three engineering societies, in particular, the Chinese Hydraulic Engineering Society (CHES), the China Civil Engineering Society (CCES) and the China Highway and Transportation Society (CHTS). In addition, IAC has held talks with Chinese government organizations such as the State Administration of Foreign Experts Affairs (SAFEA), the Ministry of Water Resources, the China South North Water Diversion Project Office, and the Gansu Research Institute for Water Conservancy (GRIWC). The CSCE has a special envoy (Dr. Jeanne Huang) resident in China and two Liaison Officers (Dr. Todd Chan and Dr. Andrew Liu), members of IAC.

During June and July 2011, CSCE officials and representatives had meetings with the CHTS and universities to discuss future cooperation and attended CSCE-sponsored conferences. The CSCE delegation attended the ICTIS-2011, June 29 to July 2, 2011, which was sponsored by China Communications and Transportation Association (CCTA), ASCE, and CSCE, and organized by Wuhan University of Technology (WUT). Presentations by CSCE delegates were given also at a one-day workshop organized by CSCE Transportation Division and UT-MOELAB of Beijing Jiaotong University, which was held June 27th 2011



at Beijing Jiaotong University. An MOU between CSCE and Beijing Jiaotong University was signed for future cooperation in the transportation sector. A transportation workshop involving CHTS will be held at the time of the 2012 CSCE Annual Conference.

On October 9, 2011, a meeting was held with the Hai River Water Commission in Tianjin where Dr. Ghani Razaqpur (a CSCE past president) gave a brief presentation about the CSCE. Two CSCE members presently are involved with projects for the Commission.

On October 11 and 12, 2012, several CSCE members participated in the 80th Anniversary Conference of the CHES. At the conference award ceremony, a Class 1 Award was given for the Gansu (Shiyang River) Project jointly undertaken by the GRIWC, CHES and the CSCE from 2008 to 2010. The CHES will send a senior delegation to the CSCE 2012 Annual Conference (CSCE 125th Anniversary).

CSCE members met with the China State Administration of Foreign Experts Affairs (SAFEA) in Beijing on Oct. 11, 2011 to discuss the possibilities of the CSCE identifying technical experts from Canada to work in China for periods of nine or more months. IAC hopes to have SAFEA certify the EIC and CSCE as one of their Overseas Training Institutions.

At the CSCE Annual Conference in Ottawa in early June 2011, Mr. Li Yong, director-general of China South-to-North Water Diversion Project Office in Beijing gave a keynote lecture on the water diversion project, currently the largest water resources project in China. On Sept. 18, in Montreal, the CSCE President and several members met with the Minister and several senior staff from the Project Office. Discussions concerning possible CSCE involvement in this project are ongoing.

In March 2012, IAC Deputy Chair, Dr. Rishi Gupta welcomed, and made an introductory presentation on the CSCE, to a high level delegation (Including the President) from the Hong Kong Institution of Engineers when they visited Vancouver. Presentations were made also by HKIE offi-

cial to foster an exchange of technical information.

*Haiti:* A CSCE proposal for a project to develop updated building codes for Haiti to allow construction to withstand expected natural disasters such as earthquakes, hurricanes, mudslides, and flooding is ongoing, as are other efforts to initiate projects in the Caribbean.

*India:* CSCE's Liaison Officer for India, Dr. Rishi Gupta, met with the directors and executives of the Delhi State Centre of the Institution of Engineers India (IEI) in New Delhi on Saturday, July 2, 2011. He gave a presentation followed by discussion about potential IEI-CSCE joint activities, especially the hosting of workshops and conferences with the CSCE.

*Domestic activities:* IAC organized the summer issue of CSCE's magazine CIVIL, with IAC Chair Ron Droste as Guest Editor, on the theme of *International Development*. IAC Deputy Chair Rishi Gupta, will be guest editor for the fall 2012 issue with a theme of *Civil Engineering Lessons from Abroad*.

### Conference Monitor

The conference monitor provides general advice early in conference planning on conference organization and budgeting to CSCE Technical Divisions planning a conference. The conference monitor is to identify potential problems with conference organization as they arise, and to ensure that the CSCE and CSCE members-in-good-standing remain prominent in the organization of CSCE events. During the past year, the Conference Monitor has focussed on the planning of the CSCE 2012 and 2013 annual conferences and associated specialty conferences.

The Conference Monitor maintains for the Program Coordinating Committee the conference matrix, which is a listing by year of the CSCE's annual conferences and associated specialty conferences, separate (stand-alone) conferences/symposia/ workshops, and regional conferences, as well as, CSCE-supported international conferences/symposia/ workshops. This is an important function with respect to coordination of CSCE activities.

The position also serves as an unofficial ombudsman for CSCE members to contact on matters concerning CSCE conferences. It is hoped that CSCE members will use the services of the Conference Monitor more effectively in the future.

### National Lecture Tour (NLT) Coordinator

The NLT Coordinator works with the Technical Divisions in identifying potential speakers for the CSCE series of NLTs, and then assists the National Office with the coordination of lecture delivery at selected venues across Canada.

The Fall 2011 NLT featured Dr. Ioan Nistor, Associate Professor of Hydraulic and Coastal Engineering at the University of Ottawa, presenting "Engineering Significance and Lessons of the March 11, 2011 Tsunami in Japan: Tsunami Impacts on Infrastructure." The NLT was presented in 11 cities from coast (Victoria, BC) to coast (St. John's, NL) over a ten-day period. It was the second most successful NLT on record in terms of overall attendance (567).

A 2011-2012 NLT is being planned related to comparing and contrasting building design and construction using masonry and timber. Members are always encouraged to contact the CSCE National Office to provide suggestions for topics and speakers.

**Canadian Journal of 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 2010 Memorandum of Understanding between the CSCE and Canadian Science Publishing was renewed to continue to offer subscriptions to the electronic and print versions of the CJCE to CSCE members at rates substantially below non-member subscription rates.

The transfer of the CJCE from NRC Research Press to the not-for-profit company Canadian Science Publishing continued smoothly. The website used to submit, review and manage all submissions was changed from Osprey to ScholarOne. A new Editorial Assistant, Donna Hartson, has been hired. The CJCE Editors (Dr. Tarek Sayed and Dr. Mike Bartlett) are extremely grateful for the long service provided by the previous Editorial Assistant,

Ms. Kelly Lamb.

The CJCE attracts approximately 600 manuscript submissions per year, with approximately 1/3 coming from Canada. Approximately two-thirds of all submissions are not accepted for publication. In September 2011, a Special Issue of the Journal was published in honour of Founding Editor Alan G. Davenport.

### Concluding Remarks

During the forthcoming year, volunteers are needed to serve on the Career Development Committee and the IAC-CDC Task Force on Globalization. Any CSCE member-in-good-standing may offer to serve on a program committee.

Financial resources are needed to support program delivery. Offers of financial support for program activities, such as international technical exchanges, would be appreciated. Corporate sponsorship for some events, such as the National Lecture Tours, could be considered.

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. A proposed review of the functioning and organizational structure of the CSCE should result in a more effective organization and in reforms that provide greater incentives and support for program delivery. The onus is on the CSCE membership to see that this happens!

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

**Brian C. Burrell**, FCSCE  
CSCE VP-Technical Programs

## Report of the CSCE Foundation For 2010-2011

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 2010-2011, interest income was \$6,686, donations were \$6,382, and expenses totaled \$4,468. As of September 30, 2011, the assets of the CSCE Foundation were \$259,537. These assets were comprised of the Foundation Fund at \$134,501, which includes the History Program Fund at \$4,644, the Shanly Award Fund at \$9,190 and the Foundation General Fund at \$120,667; and the Jamieson Fund at \$125,036. As per an agreement between the trustees and the Society, the CSCE Foundation pays an annual administration fee to the Society of \$1,500 or 0.5 percent of the assets at the end of the financial year.

During the past year, the Foundation undertook a review of its investment strategy and 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, and equity as common shares or income trusts – 10-15 percent. 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 will be 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.

In reviewing the Foundation and its activities, the trustees concluded that as the CSCE Board of Directors established the Foundation as part of the Honours and Fellows Committee, two additional trustees should be appointed as *ex-officio* voting members, namely: Chair of the Honours and Fellows Committee and CSCE Treasurer.

**Trustees (2011-12):** Michael Ircha, Ottawa, ON  
P. Daniel Burns, Calgary, AB  
Peter Wright, Toronto, ON  
Lloyd Waugh, Fredericton, NB (Chair, Honours and Fellows Committee)  
Jeff Rankin, Fredericton, NB (CSCE Treasurer)

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

# Report of the Vice-President Administration Coordinating Committee

*The Administration Coordinating Committee (ACC) consists of nine 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.

## **Business Development Committee**

Chair: Vacant  
No report

## **Communications and Publications Committee**

Chair: Vacant  
No report

## **National History Committee**

Chair: W.C. (Cal) Sexsmith, FCSCE

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.

The Sub Committee on the NHC Guidelines has completed its work and the revised Guidelines and Terms of Reference have been adopted by the NHC and approved by the ACC. The Guidelines have been forwarded to the Board for their approval.

Two National Historic Sites and one Regional Historic Site have been approved for recognition and plaquing at the 2012 Annual Conference in Edmonton. The Town of Inuvik and the British Commonwealth Air Training Plan Blatchford Field and

Hangar #14 at the Edmonton City Centre Airport have been approved as National Sites and the Canadian Klondike Mining Company Dredge #4 near Dawson City, Yukon has been approved as a regional site. Recognition ceremonies will take place as a part of the Edmonton Conference.

The French language edition of the Second Edition of Peter Hart's book "A Civil Society" is well underway and we plan on having copies available at the Edmonton Conference.

The NHC Website has been off-line for some time and is in need of updating. We will be looking into getting the site back on-line and properly linked to the CSCE site in the coming months.

## **Honours and Fellowships Committee**

Chair: L.M. Waugh, FCSCE

The regular business of H&F is: to solicit, review and process nomination packages of Society members for Fellowships in the CSCE; through various selection committees that report directly to H&F, to identify the recipients of up to nine career awards, two organizational awards, two student scholarships, and five best-paper awards; and to organize the CSCE's annual awards banquet.

Activities of H&F to date this year have been 1) the selection and approval of the CSCE Fellows and career award recipients for recognition at the Edmonton Conference 2) as of the date of writing this report, the process is near completion or underway for selection of the organizational awards, scholarships, and best-paper awards – for

potential recognition at the Edmonton Conference 3) this is the first year that the Governmental Leadership in Sustainable Infrastructure award will be granted; a selection committee is in place and will be reporting soon 4) a questionnaire was developed and issued to many of those who attended the CSCE's 2011 awards banquet and responses have been received 5) planning for the joint CSCE/EIC banquet/gala is underway, taking into account the questionnaire responses. A great deal of work will occur over the next few months within H&F and through liaison with the local organizing committee and the EIC.

Louise Newman retired from CSCE last December leaving Doug Salloum and me to fill her capable shoes. I take this opportunity to acknowledge the service that Louise has provided to me and to previous chairs of H&F. For many years, Louise has been the one who gathered information, chased tardy volunteers, provided shrewd advice, and carried out the vast majority of the H&F decisions – for this we are greatly indebted to her. As luck would have it Louise graciously agreed to help with the banquet brochure on a part-time basis.

I also take this opportunity to formally thank my colleagues on H&F Committee for their commitment, support, service, and astute advice during the past year: Ron Townsend (past chair), George Akhras, Michael Bartlett, Cathy Lynn Borbely, Tom Brown, Dan Burns, Gordon Jin, Andy Horosko, Mike Ircha, Amin Khoday, Alistair MacKenzie, Bob Milburn, Roger Woodhead, and Peter Wright.

## **Member Services Committee**

Chair: Dan Dankewich, MCSCE

Over the course of this past year, a number of membership initiatives have been proposed with each initiative advancing at its own rate dependent on volunteer capacity. These initiatives came to life as part of the September ACC teleconference and the

Niagara on the Lake board meetings in November. In brief, these initiatives represent 1) A New Category of Corporate Membership for Canadian Civil/Environmental Technology Departments; 2) Improved Quality of the National Membership Database; 3) Develop a CSCE Marketing Brochure for Canadian/International Promotions; and 4) Design and Distribute Member Recognition Pins to 20-year, 30-year, and 40-year Members.

The new category of corporate membership for Canadian civil/environmental technology programs is a natural offspring of the same initiative rolled out in 2011 for Canadian civil engineering university programs of which 22 became new corporate members. There has been preliminary dialog directly with instructors at one of the Alberta technology programs in an effort to word-smith appropriate text tailored specifically to the needs for technology programs.

Quality of membership data comprises all current member contact information beginning with new associate members and following member relocations between provinces and employers. The proposed initiative is to be achieved by providing Sections with real-time access to the national database for the purpose of maintenance of member contact information. From inception, this initiative has been scrutinized by board members vocal about matters related to database security. These concerns have been respected by National as the initiative is rolled out initially as a pilot comprising the Membership Chairs of two Sections that have received limited database privileges in order to explore potential opportunities.

In November our Executive Director confirmed that the National Office did not have any additional individual marketing material other than the one pager prepared for the international members. The Membership Committee of ACC has been tasked with the groundwork on the needs and costs and the ACC will recommend a course of action including the budget in 2012/2013 fiscal year.

In March our Executive Director confirmed an order of some 600, 40-year pins that will be sent with a letter to the indi-

viduals that qualify for this recognition. The pin is our basic shield with an additional field above it. The field above will say 40 YRS/ANS and will be in red. There will be a different colour for the 30-year field, and 20-year field, always maintaining the CSCE green for the basic shield.

#### **Student Affairs Committee**

Chair: Lynne Cowe Falls, FCSCE  
No report

#### **Life Members Committee**

Chair: Peter M. Wright, LFCSCE

The Life Members Committee provides the formal link between the Board of Directors and the more than 400 Life Members, Life Fellows, and Retired Members of the Society. It should be noted that many of these members are still actively engaged in the activities of the Society at the national, regional and local levels.

Life Members/Life Fellows do not pay an annual membership fee but they are asked at the time of the fee billings in November to make a voluntary payment of \$40 to help cover such costs as the Canadian Civil Engineer. At the same time Life Members/Life Fellows are encouraged to donate to the CSCE Foundation for both the general fund and for specific accounts such as the Donald Jamieson Fellowship and the Society's History Program Fund. The annual voluntary payments and donations to the CSCE Foundation amount to about \$5000 per year for each.

For many years there has been a reduced registration fee for the Annual Conference for Life Members/Life Fellows. The annual Fellows/Life Members dinners held on the Saturday immediately after the Society's annual general conferences are consistently well attended and thoroughly enjoyed.

Commencing in June, 2012, Jules Houde, a member of the Life Members Committee and a past-president of the Society, will take over the role of chair of the Committee.

#### **Financial Planning and Accounting Committee**

Chair: Jeff H. Rankin, MCSCE

The ongoing mandate of the Financial Planning and Accounting Committee (FPAC) is to ensure that the Society is moving towards its vision and remains financially solvent. FPAC focuses its activities in three areas: working with the National Office to support financial reporting and accounting activities; providing financial advice to the CSCE Board of Directors, Committees, Divisions and Regions; and managing financial risk within the framework of CSCE revenues and expenses.

The National Office, under the leadership of the Society's Executive Director, continues to improve its financial management capabilities and this has enabled more timely and accurate reporting of operations from a financial perspective to the Board of Directors. The Treasurer's Network (with participation from treasurers at the Section, Region and National level), is continuing to work on standardizing the reporting of annual financials from Sections and Regions. The positive financial climate of the Society in recent years and the pursuit of Vision 2020 have re-emphasized the importance of financial planning. Therefore revisions to the CSCE National Budget and Financial Management policy are underway to reflect this.

#### **Young Professionals Committee**

Chair: Amie Therrien, AMCSCE

The Young Professionals (YP) Committee was created by the Board of Directors at the end of last year's conference in Ottawa. The mandate of this committee is to provide services and programming for younger members or those who are new to the profession. In this inaugural year, the committee focused its effort on raising awareness of its existence and its mandate. The creation of the "Young Professionals' Corner" column in CIVIL magazine helped to spread the word and will be featured in issues of CIVIL in the future to help YPs across the country connect.

This year also saw the committee grow by establishing YP representative positions in the local section executive committees. YP representatives from both the Toronto and Calgary sections have hosted successful events and as the executive positions within

the local sections change hands at the end of the year, it is expected that there will be YP representatives installed in many other local sections across the country.

The committee successfully hosted a number of events at last year's conference in Ottawa that helped pave the way for the exciting schedule of YP events held at this year's conference as well as future conferences.

There have also been discussions with the ASCE Committee on Younger Members and there is the possibility of joint events especially during their 2012 annual conference, which is being held in Montreal. Details will be communicated as they develop.

Committee goals for the next year are to continue increasing the number of YP representatives and local events as well as investigating the possibility of regional events and YP conferences. The committee also plans to work with the Honours and Fellowships Committee to create an award to recognize younger members of the CSCE.

This 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! Email [yp@csce.ca](mailto:yp@csce.ca) .

Respectfully submitted,

**Arbind Mainali**, Ph.D., P.Eng., MCSCE  
VP – Administration Coordinating  
Committee

# Report of the CSCE Nominating Committee (2012–2013)

CSCE By-Laws require that all members of the Board of Directors be voting members of the Society. The Nominating Committee is responsible for submitting nominations for vacant positions to the membership in sufficient time to allow additional nominations. Nominations have been put forward as per the By-Laws. An asterisk beside a position indicates that it is a Board position.

Position	Incumbent	Proposed	Term
President*	Pickle, finishing term	Jim Kells	1 yr
President Elect*	Kells, finishing term	Yves Cadotte	1 yr
Senior Vice-President & Chair, Regional Coordinating Committee*	Cadotte, finishing term	TBD	1 yr
Past-President*	Perry, finishing term	Randy Pickle	1 yr
<b>REGIONAL COORDINATING COMMITTEE</b>			
Atlantic Vice-President*	Woolgar, finishing 1st yr	Susann Woolgar	1 yr
Quebec Vice-President*	Bégin, finishing 1st yr	Tony Bégin	1 yr
Ontario Vice-President*	Garland, finishing 2nd yr	James Garland	2 yrs
Prairie Vice-President*	Retzlaff, finishing 1st yr	Harold Retzlaff	1 yr
Western Vice-President*	Smid, finishing 3rd yr	Brad Smid	1 yr
Vice-President International*	Chan, finishing 1st yr	Todd Chan	1 yr
<b>ADMINISTRATION COORDINATING COMMITTEE</b>			
Vice-President*	Mainali, finishing 1st yr	Arbind Mainali	1 yr
Honorary Treasurer*	Rankin, finishing 2nd yr	Dan Dankewich	2 yrs
Chair, Communications and Publications	Valeo, finishing 1st yr	TBD	2 yrs
Chair, History	Sexsmith, finishing 2nd yr	Cal Sexsmith	1 yr
Chair, Business Development	Vacant	Don Hopkins	2 yrs
Chair, Membership Services	Dankewich, finishing 2nd yr	Peter Calcetas	2 yrs
Chair, Honours and Awards	Waugh, finishing 3rd yr	Lloyd Waugh	1 yr
Chair, Student Affairs	Cowe Falls, finishing 1st yr	Lynne Cowe Falls	1 yr
Chair, Life Members	Wright, finishing 7th yr	Jules Houde	2 yr
Chair, Young Professionals Group	Therrien, finishing 1st yr	Amie Therrien	1 yr
<b>PROGRAMS COORDINATING COMMITTEE</b>			
<b>Technical Divisions &amp; Committees</b>			
Vice-President, Technical Divisions*	Akhras, finishing 1st yr	Georges Akhras	1 yr
Chair, Cold Regions Division	Smith, finishing 2nd yr	Dan Smith	2 yr
Chair, Construction Division	Attalla, finishing 3rd yr	Mohamed Attalla	1 yr
Chair, Engineering Mechanics/Materials Division	Shehata, finishing 3rd yr	Medhat Shehata	1 yr
Chair, Hydrotechnical Division	Nistor, finishing 4th yr	Mike Bender	2 yrs
Chair, Environmental Division	Achari, finishing 1st yr	Gopal Achari	1 yr
Chair, Structures Division	Sennah, finishing 2nd yr	Khaled Sennah	2 yrs
Chair, Transportation Division	Fu, finishing 4th yr	Ming Zhong	2 yrs
Chair, Infrastructure Renewal Committee	Andres, finishing 8th yr	Nick Larson	2 yr
Chair, Sustainable Development Committee	Mulligan, finishing 4th yr	Catherine Mulligan	1 yr
Chair, Innovation and IT Committee	Foo, finishing 1st yr	Simon Foo	1 yr
<b>Technical Programs</b>			
Vice-President Technical Programs*	Burrell, finishing 2nd yr	Brian Burrell	2 yrs
Chair, Career Development	Devkota, finishing 1st yr	Bhuwan Devkota	2 yrs
Chair, International Affairs	Droste, finishing 1st yr	Ron Droste	1 yr
Chair, Education and Research	Brown, finishing 4th yr	TBD	2 yr
NLT Coordinator	Feldman, finishing 4th yr	Lisa Feldman	2 yrs
Conference Coordinator	Cheung, finishing 1st yr	Eva Cheung	1 yr
Editor, CJCE	Sayed, finishing 6th yr & Bartlett, finishing 2nd yr	Tarek Sayed / Mike Bartlett	2 yrs /3 yrs
<b>BoD Members at Large</b>			
Representing Corporate Members*	Hewus, finishing 2nd yr	Glenn Hewus	2 yrs
Representing Council of Chairs and Heads of Canadian Civil Engineering Departments*	Cheng, finishing term	Van Thanh Van Nguyen	1 yr
CGS Officer (ex-officio)*	MacLellan, finishing 1st yr	Marcia MacLellan	1 yr

# CSCE Membership / Membres SCGC

SECTION	2011	2010
Calgary	379	412
Durham/Northumberland	66	67
East New Brunswick/P.E.I.	85	61
Edmonton	337	271
Hamilton	135	69
London & District	205	222
Manitoba	102	112
Montreal	319	291
National Capital Section	192	198
Newfoundland	60	62
North Bay	16	16
Northwestern Ontario	78	97
Nova Scotia	52	47
Quebec	224	218
Saskatoon	162	170
Sherbrooke	115	115
South Saskatchewan (Interim)	43	38
Toronto	456	443
Vancouver	478	387
Vancouver Island	50	50
West New Brunswick	49	46
<b>SUB TOTAL - CDN</b>	<b>3603</b>	<b>3385</b>
Foreign	100	92
Hong Kong	17	16
<b>GRAND TOTAL</b>	<b>3720</b>	<b>3493</b>

GRADE	2011	2010
Fellow	268	282
Member	1446	1398
Associate Member	168	108
Technical/Professional Affiliate	13	12
Life Member	307	305
Fellow Life Member	138	132
Retired Member	8	14
Fellow Retired Member	41	38
Student	1211	1094
Technologist	3	2
<b>SUB TOTAL - CDN</b>	<b>3603</b>	<b>3385</b>
TOTAL Foreign & US	117	108
<b>GRAND TOTAL</b>	<b>3720</b>	<b>3493</b>

REGION	2011	2010
Atlantic	246	209
Ontario	1148	1112
Prairie	307	320
Quebec	658	624
Western	1244	1120
<b>SUB TOTAL - CDN</b>	<b>3603</b>	<b>3385</b>
TOTAL Foreign & US	117	108
<b>GRAND TOTAL</b>	<b>3720</b>	<b>3493</b>

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

### Atlantic/Atlantique

Dalhousie University  
University of New Brunswick

### Québec

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

### Ontario

Carleton University  
University of Ottawa  
Queen's University  
Royal Military College of Canada  
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  
British Columbia Institute of Technology  
University of British Columbia  
University of British Columbia—Okanagan  
University of Calgary

## 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 sheet as at September 30, 2011, and the statements of changes in net assets, revenue and expenditure and cash flows for the year 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 generally accepted accounting principles, 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 audit. We conducted our audit 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, 2011, and the results of its operations and its cash flows for the year then ended in accordance with Canadian generally accepted accounting principles.

*OHCDLP*

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

Licensed Public Accountants  
Ottawa, Ontario  
November 13, 2011



**THE CANADIAN SOCIETY FOR CIVIL  
ENGINEERING**

BALANCE SHEET  
AS AT SEPTEMBER 30, 2011

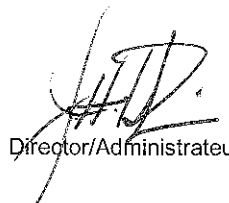
**LA SOCIÉTÉ CANADIENNE DE  
GÉNIE CIVIL**

BILAN  
AU 30 SEPTEMBRE 2011

	<u>2011</u>	<u>2010</u>	
<b>ASSETS</b>			<b>ACTIF</b>
<b>CURRENT</b>			<b>À COURT TERME</b>
Cash	\$ 728,937	\$ 837,716	Encaisse
Accounts receivable	80,335	52,002	Comptes clients
Conference advances	23,244	23,172	Avances - congrès
Prepaid expenses	<u>505</u>	<u>510</u>	Frais payés d'avance
	833,021	913,400	
<b>PROPERTY AND EQUIPMENT (note 4)</b>	<u>1,487</u>	<u>2,038</u>	<b>BIENS ET ÉQUIPEMENT (note 4)</b>
	<u>\$ 834,508</u>	<u>\$ 915,438</u>	
<b>LIABILITIES</b>			<b>PASSIF</b>
<b>CURRENT</b>			<b>À COURT TERME</b>
Accounts payable	\$ 79,543	\$ 79,208	Comptes fournisseurs
Due to regions and sections	57,800	45,924	Prêt des régions et sections
Deferred revenue	<u>3,576</u>	<u>53,368</u>	Revenu reporté
	<u>140,919</u>	<u>178,500</u>	
<b>NET ASSETS</b>			<b>ACTIF NET</b>
Second Century Fund	159,650	159,650	Fonds du 2e siècle
Unrestricted	<u>533,939</u>	<u>577,288</u>	Non affecté
	<u>693,589</u>	<u>736,938</u>	
	<u>\$ 834,508</u>	<u>\$ 915,438</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, 2011

**LA SOCIÉTÉ CANADIENNE DE  
GÉNIE CIVIL**

ÉTAT DE L'ÉVOLUTION DE L'ACTIF  
NET POUR L'EXERCICE TERMINÉ  
LE 30 SEPTEMBRE 2011

	<u>2011</u>	<u>2010</u>	
<b>SECOND CENTURY FUND</b>			<b>FONDS DU DEUXIÈME SIÈCLE</b>
Balance - beginning and end of year	\$ <u>159,650</u>	\$ <u>159,650</u>	Solde, début et fin de l'exercice
<b>UNRESTRICTED</b>			<b>NON AFFECTÉ</b>
Balance - beginning of year	\$ 577,288	\$ 269,149	Solde, début de l'exercice
Net revenue (expenditure) for the year	<u>(43,349)</u>	<u>308,139</u>	Revenus (dépenses) nets pour l'exercice
Balance - end of year	\$ <u>533,939</u>	\$ <u>577,288</u>	Solde, fin de l'exercice

**THE CANADIAN SOCIETY FOR CIVIL  
ENGINEERING**

STATEMENT OF REVENUE  
AND EXPENDITURE  
FOR THE YEAR ENDED SEPTEMBER 30, 2011

	<u>2011</u>	<u>2010</u>
<b>REVENUE</b>		
Membership fees	\$ 378,208	\$ 372,995
Communications	69,030	90,945
Conferences	59,174	340,971
Continuing education program	225,114	236,928
Interest	6,219	4,799
Miscellaneous	4,744	3,307
Special projects	140,402	286,707
	<u>882,891</u>	<u>1,336,652</u>
<b>EXPENDITURE</b>		
Amortization	1,251	1,528
Conferences	12,316	11,500
Committees		
Administration	-	4,466
Program	3,976	159
Regional	11,727	14,043
Communications	106,509	99,582
Continuing education program	180,681	136,165
Operations	411,631	463,192
Annual meeting	2,774	4,873
Board meetings	43,377	18,886
EIC fee and committees	4,740	5,012
Professional fees	12,000	11,200
Special projects	135,258	257,907
	<u>926,240</u>	<u>1,028,513</u>
<b>NET REVENUE (EXPENDITURE) FOR THE YEAR</b>	<u>\$ (43,349)</u>	<u>\$ 308,139</u>

**LA SOCIÉTÉ CANADIENNE DE  
GÉNIE CIVIL**

ÉTAT DES REVENUS ET DÉPENSES  
POUR L'EXERCICE TERMINÉ  
LE 30 SEPTEMBRE 2011

<b>REVENUS</b>
Frais d'adhésion
Communications
Congrès
Programme de formation continue
Intérêts
Divers
Projets spéciaux
<b>DÉPENSES</b>
Amortissement
Congrès
Comités
Administration
Programmes
Régions
Communications
Programme de formation continue
Opérations
Assemblée annuelle
Réunions du conseil d'administration
Honoraires versés à l'ICI et comités
Honoraires professionnels
Projets spéciaux
<b>REVENUS (DÉPENSES) NETS POUR L'EXERCICE</b>

**THE CANADIAN SOCIETY FOR CIVIL  
ENGINEERING**

STATEMENT OF CASH FLOWS  
FOR THE YEAR ENDED SEPTEMBER 30, 2011

**LA SOCIÉTÉ CANADIENNE DE  
GÉNIE CIVIL**

ÉTAT DES MOUVEMENTS DE LA  
TRÉSORERIE POUR L'EXERCICE TERMINÉ  
LE 30 SEPTEMBRE 2011

	<u>2011</u>	<u>2010</u>	
<b>OPERATING ACTIVITIES</b>			<b>ACTIVITÉS D'OPÉRATION</b>
Net revenue (expenditure) for the year	\$ (43,349)	\$ 308,139	Revenus (dépendes) nets pour l'exercice
Items not affecting cash			Éléments sans effets pour l'encaisse
Amortization	1,251	1,528	Amortissement
Net change in non-cash working capital			Changement net du fonds de roulement
Accounts receivable	(28,333)	3,749	Comptes clients
Conference advances	(72)	(672)	Avances - congrès
Prepaid expenses	5	9,434	Frais payés d'avance
Accounts payable	335	(57,621)	Comptes fournisseurs
Due to regions and sections	11,876	5,233	Prêt des régions et sections
Deferred revenue	<u>(49,792)</u>	<u>49,118</u>	Revenus reporté
	(108,079)	318,908	
<b>INVESTING ACTIVITIES</b>			<b>ACTIVITÉS D'INVESTISSEMENT</b>
Purchase of property and equipment	<u>(700)</u>	<u>(3,056)</u>	Achat de biens et d'équipement
<b>NET INCREASE (DECREASE) IN CASH</b>	(108,779)	315,852	<b>AUGMENTATION (DIMINUATION) NETS D'ENCAISSE</b>
Cash - beginning of year	<u>837,716</u>	<u>521,864</u>	Encaisse - début de l'exercice
<b>CASH - END OF YEAR</b>	<u>\$ 728,937</u>	<u>\$ 837,716</u>	<b>ENCAISSE - FIN DE L'EXERCICE</b>

# THE CANADIAN SOCIETY FOR CIVIL ENGINEERING

NOTES TO FINANCIAL STATEMENTS  
SEPTEMBER 30, 2011

## 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 generally accepted accounting principles 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 measured at the initially recognized amount less appropriate allowances.

### 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.

### 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.

# LA SOCIÉTÉ CANADIENNE DE GÉNIE CIVIL

NOTES COMPLÉMENTAIRES  
LE 30 SEPTEMBRE 2011

## 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 principes comptables généralement acceptés du Canada et comprennent les principales pratiques comptables 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 comptabilisés au prix initial moins les allocations appropriées.

### 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.

### 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.

# THE CANADIAN SOCIETY FOR CIVIL ENGINEERING

NOTES TO FINANCIAL STATEMENTS  
SEPTEMBER 30, 2011

## 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, 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 or credit risks arising from its financial instruments and the carrying amount of the financial instruments approximate their fair value.

## 4. PROPERTY AND EQUIPMENT

	2011			2010	
	Cost	Accumulated amortization	Net		
	Coût	Amortissement cumulé	Net	Net	
Equipment	\$ 12,969	\$ 11,482	\$ 1,487	\$ 2,038	Équipement

## 5. COMMITMENTS

### a) Office space

The Society has leased office space at a minimum annual rental of \$33,000 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.

## 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.

# LA SOCIÉTÉ CANADIENNE DE GÉNIE CIVIL

NOTES COMPLÉMENTAIRES  
LE 30 SEPTEMBRE 2011

## 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 avances - congrès, des comptes fournisseurs et des prêts 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 ou au crédit, dérivant de ses instruments financiers, et la valeur comptable des instruments financiers est proche de sa juste valeur.

## 4. BIENS ET ÉQUIPEMENT

## 5. ENGAGEMENTS

### a) Locaux pour bureaux

La Société a loué des locaux à un loyer annuel minimum de 33,000\$ 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.

## 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.

# THE CANADIAN SOCIETY FOR CIVIL ENGINEERING

NOTES TO FINANCIAL STATEMENTS  
SEPTEMBER 30, 2011

# LA SOCIÉTÉ CANADIENNE DE GÉNIE CIVIL

NOTES COMPLÉMENTAIRES  
LE 30 SEPTEMBRE 2011

## 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.

## 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>2011</u>	<u>2010</u>	
<b>ASSETS</b>			<b>ACTIF</b>
Cash	\$ 90,173	\$ 71,440	Encaisse
Investments	156,025	168,134	Placements
Accounts receivable	<u>13,339</u>	<u>11,363</u>	Comptes clients
	<u>\$ 259,537</u>	<u>\$ 250,937</u>	
<b>NET ASSETS</b>			<b>ACTIF NET</b>
<b>Trustees Fund</b>			<b>Fonds en fiducie</b>
Balance - beginning of year	\$ 131,307	\$ 119,099	Solde, début de l'exercice
Interest	3,499	4,910	Intérêts
Donations	4,163	18,628	Dons
Medals and other expenses	<u>(4,468)</u>	<u>(11,330)</u>	Médailles et certificats
Balance - end of year	<u>134,501</u>	<u>131,307</u>	Solde, fin de l'exercice
<b>Jamieson Fund</b>			<b>Le Fonds Jamieson</b>
Balance - beginning of year	119,630	113,126	Solde, début de l'exercice
Interest	3,187	4,663	Intérêts
Donations	7,219	1,841	Dons
Award and other expenses	<u>(5,000)</u>	<u>-</u>	Bourse
Balance - end of year	<u>125,036</u>	<u>119,630</u>	Solde, fin de l'exercice
	<u>\$ 259,537</u>	<u>\$ 250,937</u>	

**THE CANADIAN SOCIETY FOR CIVIL  
ENGINEERING**

NOTES TO FINANCIAL STATEMENTS  
SEPTEMBER 30, 2011

**8. CAPITAL DISCLOSURE**

The Society defines its capital as its net assets, which are not subject to external requirements. Management's objective, when managing capital, is to safeguard the Society's ability to continue as a going concern, so that it can continue to provide services in accordance with its mission.

**LA SOCIÉTÉ CANADIENNE DE  
GENIE CIVIL**

NOTES COMPLÉMENTAIRES  
LE 30 SEPTEMBRE 2011

**8. INFORMATIONS À FOURNIR CONCERNANT LE CAPITAL**

La Société définit son capital comme étant son actif net, qui n'est pas assujéti à des exigences externes. En gérant son capital, la direction vise à protéger sa capacité de demeurer en activité afin de continuer à offrir les services inhérents à sa mission.