

CSSE Newsletter

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The President's Remarks

With possible apologies to members in central Canada, spring has sprung, the grass is riz - along with the daffodils, cherry blossoms and other flowering trees (on the west coast, at least). As we've just celebrated the month long recognition of Canadian engineers and geoscientists, we also recorded numerous anniversaries including the fifth anniversary of the devastating Japanese earthquake and tsunami (noting the many years of rebuilding remaining yet before a return to some semblance of former normalcy for many coastal communities), the 10th anniversary of twitter, the first anniversary of the zika virus outbreak, yet another terrorist attack in Europe and the Liberal government's first budget. We are reminded at every turn that the need for innovation in all disciplines of engineering to help solve complex environmental and societal challenges has perhaps never been greater.



Colin Smith, PEng, PE, FCSSE

With regards to the budget, funding of first nations and community infrastructure projects heralds renewed opportunities for segments of the engineering profession servicing that sector. However, members involved in the provision of large city transportation and services projects may be disappointed that more of the very significant deficit wasn't dedicated to major infrastructure initiatives. Regardless, indications that Canada's economy is not in the pre-election prognosticated recession portends hope that this year's and the ensuing forecast deficits can be accommodated and that a refocus of expenditures into addressing Canada's infrastructure deficit will come about.

Returning to my opening sentiment of springtime, with its seasonal focus on renewal, and in follow up to my general appeal to you last issue to contribute to CSSE in one of several ways, it is now time that you step forward to assist our society as it prepares for its annual transition and renewal at next month's AGM in Halifax. Specific opportunities to be filled include leadership positions on CSSE's Board of Directors (as Treasurer, Vice President East and Vice President West), committee positions (Membership, Advocacy, Donations, Honours and Awards and Constitution and Bylaws) and participation in local chapter/branch meetings. If you are interested and willing to act in any of these capacities, please identify yourself to me at colinsmith.ca@gmail.com for more information on the specifics involved.

In regards to advocacy, finalization and release of two papers (one themed on responsibilities for infrastructure; the other on nuclear energy) is anticipated this month. Also, in conjunction with the Bowman Centre, CSSE members Guy van Uytven and Clem Bowman are working with colleagues Peter Smith and Walter Petryschuk in progressing their national energy grid initiative in which the enhanced productivity and GHG reduction benefits of both BC/AB and PQ/ON HVDC electrical transmission links are being investigated (both are seen as being compliant with the federal government's strategic priorities). Preparation and publication of advocacy position papers and articles on matters of national interest lies at the core of CSSE's mandate - your participation as a lead or contributing author or as a reviewer on additional topics would be welcomed.

I participated by teleconference in the Engineering Institute of Canada annual council meeting last March 13th. Three items of potential particular interest were (1) the transition from long serving Executive Director John Plant to Guy Gosselin; (2) the welcoming of a new society into EIC's fold: the Institute of Industrial and Systems Engineers (IISE); and (3) building upon the experience gained from its series of Climate Change Technology Conferences (in which CSSE/SCIS members played central roles), the formation of a task force to examine the feasibility of, and make recommendations on, convening future EIC conferences. The Task force is Chaired by Reg Andres (CSCE), with members Witold Kinsner (IEEE), Peter Ozemoyah (CNS) and myself and will report to the EIC's June Council meeting.

Finally, it is my pleasure to announce that eleven eminent Canadian engineers have been elected as CSSE/SCIS Fellows. Do plan to join President Elect Ron Britton and our 2016 Fellows at our AGM in Halifax next month - see registration details on the following page.

2016 Annual General Meeting & Awards Dinner

The CSSE Annual General Meeting and Awards Dinner will be held in **Halifax** on **May 21, 2016** at the **Courtyard Marriott Hotel**. A conference room rate of \$139.00/night (plus taxes) has been negotiated with the hotel for arrival on Friday, May 20, 2016 and departure Sunday, May 22, 2016. To obtain the above rate, reservations must be made directly with the hotel by April 20, 2016. Courtyard Marriott Hotel, 5129 Salter Street, Halifax, Nova Scotia B3J 0A1 Tel. 902-428-1900. Hotel details, including a map, check-in times, parking, etc., may be obtained from the hotel website (courtyardhalifax.com).

SCHEDULE OF ACTIVITIES:

FRIDAY, MAY 20, 2016

3:00 pm - 5:00 pm Registration and Welcome Desk

SATURDAY, MAY 21, 2016

8:30 am - 9:00 am Registration (continuation) and coffee
9:00 am - 12:00 pm Board Meeting
12:00 pm Buffet Luncheon, with speaker

1:30 pm - 3:00 pm Topic: **Halifax Central Library**
3:15 pm - 4:15 pm Board Meeting (continuation)
7:00 pm Annual General Meeting
7:45 pm Reception
9:15 pm Awards Dinner*
Awards Ceremony

*Dinner Menu Choices

First Course

Main Course (Choose one):

Tiger Prawn Cocktail

TANDOORI SALMON WITH DILL YOGURT

Pilau Rice, Kachumber Salad and Naan Bread

LAMB SHANK BRAISED IN RED WINE AND ROSEMARY

Celeriac and Apple Mash

Seasonal Vegetables

ROASTED CHICKEN ROULADE

Filled with Spinach, Feta Cheese and Sun-blushed Tomatoes, wrapped in Pancetta

With Kale and Walnut Salad and Minted Potatoes

Cranachan Sundae

(Golden Roasted Oats, Fresh Berries and Whipped Whiskey Cream)

Note: Wine is included in the dinner price.

REGISTRATION: The registration form is being distributed with this newsletter.

Members in the News

- CSSE Director **Jerry Cuttler** has relocated to Boston, Mass. where he is working on the design and development of a molten salt nuclear reactor for Elysium Industries. Jerry is one of CSSE's more prolific authors, especially on the beneficial health effects of low dose nuclear radiation. His next paper, entitled: "Treatment of Alzheimer's disease with CT scans --- a case report", will be published at the end of March.
- CSSE Director **Ron Gilkie** was a judge in the Dalhousie University Engineering Design Expo Poster Competition, held on March 22 at the Sexton Memorial Gymnasium. Ron is also coordinating the July 9, 2016 Annual Engineer's Day Guest Panel event for the Milne Scholarship Foundation, of which he is a director.
- **Dennis Paddock** will retire as CEO of APEGS May 31, 2016. Over the past 23 years, Dennis has guided the engineering and geoscience professions through some of their most important challenges and opportunities in Saskatchewan, and nationally, where he served Engineers Canada in several capacities as the "dean" of the provincial and territorial CEOs.

Welcome, New/Re-joining Members

- **Edward Allan Harding** (St. Albert, AB)

In Memoriam

- **Paul Balcom** (Halifax, NS)

From Sea to Sea to Sea ...

MARITIMES (Contact: Ron Gilkie, barkergilkie@ns.sympatico.ca)

QUEBEC PROVINCE (Contact: Jean-Guy René, jg.rene@sympatico.ca)

MONTREAL (Contact: Tom Madanda, TMadanda@bell.net)

The Montreal chapter meets 2 to 3 times a year, for luncheon at The Royal St. Lawrence Yacht Club, with a guest speaker. In addition, casual get-togethers for lunch every first Monday of the month, at the pub 'Le Manoir'.

ONTARIO (Contact: Jon Jennekens, jonorah@rogers.com)

THE GREATER OTTAWA AREA (Contact: Jon Jennekens, jonorah@rogers.com)

The Ottawa chapter meets on the third Tuesday of the month, at 11:30 am for lunch at 12:00 and a speaker, except in December, July and August.

April 19 Herb Saravanamuto, "Transatlantic Crossings Constellation to Concord."
May 17 Richard Scott, "The W.R. Bennett Bridge—The Only Floating Bridge in Canada."
June 21 Drew Wilson, "Early Canadian Lake and River Steamers."

THE GREATER TORONTO AREA (Contact: Jerry Cuttler, jerrycuttler@rogers.com)

MANITOBA (Contact: Dave Ennis, ns2@mymts.net)

The Manitoba chapter meets in the APEGM offices.

SASKATCHEWAN (Contact: Pieter Van Vliet, p.vanvliet@sasktel.net)

ALBERTA (Contact: Fred Otto, fotto@interbaun.com)

CALGARY (Contact: Chan Wirasinghe, wirasing@ucalgary.ca)

The Calgary chapter meets 9 times a year at the Danish Canadian Club on the second Monday of each month with the exception of January, July and August. Meetings are from 11:30 a.m. to 1:00 p.m.

EDMONTON (Contact: Nick Malychuk, nmaly@telus.net)

The Edmonton chapter meets on the third Thursday of the month, at 11:30 a.m., with a buffet lunch at 12:00, followed by a speaker at the Chateau Louis Conference Centre, 11727 Kingsway.

April 21 Tristin Hopper, "A Journalist's view of Edmonton's Metro Line's problems and how other Canadian cities approach rapid transit."

BRITISH COLUMBIA (Contact: Ken Putt, kwputt@shaw.ca)

VANCOUVER (Contact: Aidan Gordon, aidan@gordoncrane.com)

The Vancouver chapter normally meets at 11:45 a.m., on the first Thursday of each month at the Sutton Place Hotel, Burrard Street. (Three-course lunch. Cost: Members \$45, Guests \$50)

April 7 11:30 am for noon lunch & 12:30 pm speaker: Stan Ridley, "Perspectives on Climate Change & World Energy."

VANCOUVER ISLAND (Contact: Robin Black, robincblack@shaw.ca)

The Vancouver Island chapter gathers for lunch at 11:30 a.m. on the first Friday (adjusted for holidays) September through June at The Oak Bay Recreation Centre, Victoria.

At each meeting, besides a speaker, a "UVic Student Spotlight" is featured. A student team from UVic is invited to make a short pitch about their project before the lunch begins and request input from our members. After each meeting, photos, files, etc., are posted in a "dropbox" and sent to all attendees and CSSE Directors.

May 6 Alan Winter, "Genomics—Technologies Next Wave."

Spreading the Word

Speakers' notes are made available via Internet (with author's agreement).

The CSSE Website - www.seniorengineers.ca

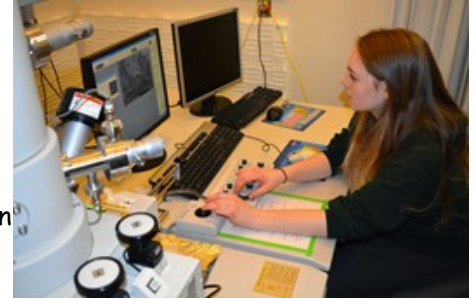
The CSSE website continues to grow and improve. However, it is only as successful as the information that is placed there. If you have a photo of a project you worked on and think it would be of interest to others send it to: andyjones@explornet.com.

Similarly, if you know of something a CSSE member has done that can be entered into "members spotlight".

The site still needs a French language half and anyone who would be willing to help review and edit the copy the Webmaster has to date can contact andyjones@explornet.com.

CSSE Charities

Victoria CSSE members **Robin Black** and **George Beer**, in collaboration with University of Victoria staff in the Living and Learning Engineering community (first year engineering students living together in the Dorms), and Elaine Humphrey, Advanced Microscopy Facility Manager, recently organized a technical presentation on microscopy attended by 22 students, followed up a week later by a tour of the UVic laboratory for nine of these students. The program offered hands-on experience with a scanning electron microscope (pictured), which resulted in two of the participants choosing to take the training course in electron microscopy. They continue to volunteer in the laboratory and are currently planning to connect with BC high school students interested in a career in Engineering using the UVic conferencing facility.



Advocacy Workshop Progress ...

Two CSSE advocacy positions are expected to be released by April 30:

- (1) regarding the aging of our vital infrastructure and the threat to public safety (Contact **Jean-Guy René**, at jg.rene@sympatico.ca or 613-821-5273); and
- (2) regarding re-advancing the Canadian nuclear industry (Contact **Dan Meneley** at dan.meneley@sympatico.ca or 705-657-9453.) Suggestions on where to send them would be helpful.

Also still in the works: the erosion of Canada's manufacturing sector - what can engineers do about it. (Contact **John Dinsmore** at johndins@videotron.ca, or 514 933-2112.)

Members who might be interested in mounting his/her own advocacy, there is a procedure to follow, available at info@seniorengineers.ca, or by phoning 613-821-5273.

Recruit a New Member!

If you have a senior engineer who is not a CSSE member, simply refer her or him to the CSSE website at www.seniorengineers.ca.

Correspondence with the CSSE Administration Office

All "snail-mail" correspondence, including cheques, and enquiries, should be sent to the: Canadian Society of Senior Engineers, Suite 1504, 71 Somerset St. W., Ottawa, Ont. K2P 2G2 and Emails to: administrator@seniorengineers.ca. Phone calls: 613 890 9363.

Dues and donations can be paid securely by credit card by going to the "Members" page at the CSSE website www.seniorengineers.ca.

Changed Your Coordinates?

If you have a new mailing (or emailing) address, please inform the CSSE Administration Office, the CSSE Secretary Bill McRitchie (pbmcritchie@shaw.ca) and the CSSE Newsletter Editor Arnold Eyre (arnoldeyre@gmail.com).

The CSSE History and Archives Committee

The history and archives committee held a telephone conference meeting in mid March to review its mandate and establish its target audience, as several new members had recently joined. We agreed to develop articles on past engineering achievements for the general intelligent public. The committee will be asking senior engineers to present article topics, for acceptance, review and editing by the committee. Anyone interested in writing an article can forward the topic to Suzelle Barrington at: suzellebarrington@sympatico.ca

Registration Form

**Canadian Society of Senior Engineers
2016 Board and Annual General Meetings and Awards Dinner
Halifax Courtyard Marriott Hotel
Saturday May 21, 2016**

Member Name: _____

Guest Name: _____

Attending:

	Member	Guest
Board Meeting (covered in Registration Fee)	yes/no	n/a
Luncheon (\$26.00/person)	yes/no	yes/no
Annual General Meeting (covered in Registration Fee)	yes/no	n/a
Library Tour (Complimentary)	n/a	yes/no
Awards Dinner (\$80.00/person)	yes/no	yes/no

Dinner Entrée selection:

	Member	Guest
Tandoori Salmon	_____	_____
Lamb Shank	_____	_____
Roast Chicken Roulade	_____	_____

Please let us know of any allergies or special dietary requirements:

Payment:

Registration Fee for Members \$28.00	_____
Luncheon \$26.00/person	_____
Awards Dinner \$80.00/person	_____
Total payment	_____

Please forward your payment by:

Enclosed cheque payable to The Canadian Society for Senior Engineers

Please provide information we can use should there be any need to contact you concerning your registration:

Address: _____

Phone: _____

E-mail: _____

Please submit your completed registration form to:

Genanne Beck P.Eng.
1720 Garden Street
Halifax Nova Scotia
B3H 3R4

beckg@ns.sympatico.ca