

CSSE Newsletter

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The President's Remarks

Great News before leaving the Presidency of CSSE!

First great news, the Canadian Society of Senior Engineers (CSSE) will be retaining its status as a charitable association!

In December 2019, the federal Bill C-86, Budget Implementation Act, 2018, No.2, received Royal Assent. For the status of CSSE, this Bill C-86 includes new rules to permit charities to carry on unlimited public dialogue and development activities in furtherance of a stated charitable purpose. The Canadian Society of Senior Engineers respects Bill C-86, as it promotes advancement of education, protecting the environment, promoting volunteerism, protecting human life and property, and promoting industry, trade and commerce. Our Board will simply review its Bylaws and constitution to ensure compliance with Bill C- 86.

In early February 2019, CSSE informed the Canadian Revenue Agency (CRA) that it was retrieving its request to change status, as under the new law, it conducts activities compatible with the status of a Charitable Organization.

I would like to acknowledge first and foremost, the fantastic effort of our treasurer, **Jim Becket**, and also that of the other two members assigned to solve the Bylaw issue to meet CRA expectations, **Ken Putt** and **Pieter Van Vliet**.

Nevertheless, when working on this issue of Charitable Status, it was found that CSSE's **Wise Owl Trademark** was abandoned by the Canadian Intellectual Property Office. At the upcoming May Board meeting in Fredericton, CSSE will have to consider hiring a Registered Trade mark Agent for this job. I personally believe that we also need to approach Engineers Canada concerning the use of the term 'Engineer' in the name of our society. The term 'Engineer' is registered and can only be used by members of a Canadian Engineer Regulator. This would also imply that all of our members be registered engineers, otherwise the CSSE member would carry another term such as honorary.



President Suzelle Barrington



The President's Remarks ... continued

New & Returning Members

John McDougall
(Edmonton)

The second great news concerns our participation in the History and Archive Committee (H&A) of the Engineering Institute of Canada (EIC). **Mike Bartlett** at Western University and also H&A Chair for CSCE will be conducting a project this summer to establish ways and means of conducting interviews to capture the knowledge and historical achievements of Canadian Engineers. Some members of CSSE have pointed out that we need, first of all, to capture those interviews already recorded by various media. This project will be on the agenda of the May Annual Board meeting in Fredericton, as to whether or not we want to take part and if so, what can CSSE contribute.

The May Annual Board meeting will be exciting times as CSSE moves forward. The Board Annual meeting will start at 9:00 am, and the General Annual Meeting will be held from 3:15 to 4:30 pm for all members wishing to attend and discuss issues. I hope to see many of you in Fredericton on Saturday, May 11, 2019.

It has been a pleasure to work with all of you! I wish CSSE the very best of success in the year to come and to Dan MacDonald who will be taking the helm as President!

CSSE Annual Meeting and Awards Dinner

Recruit a New Member!

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

The Canadian Society of Senior Engineers Annual Meeting will be held on Saturday, May 11, 2019, at the Delta Fredericton Hotel.

At the Awards Dinner, to be held at the Delta Fredericton hotel later that evening, a number of engineers from Canada will be receiving Fellowship Awards. The guest speaker at the dinner will be **Brett Plummer**, Vice President Nuclear for NB Power, talking to us on the future of the R&D cluster in New Brunswick around Small Modular Reactors and the potential benefits for New Brunswick, Canada, and the world.

Program, registration and accommodation details can be found [HERE](#). Registration deadline for the Annual Meeting and Awards Dinner is May 1st.

For hotel reservations at the Group rate of \$154/night at the Delta Hotel, deadline is April 9th. Make your hotel reservation [HERE](#) or contact the hotel directly at (506) 457-7000.

The Fredericton Airport (YFC) is serviced by Air Canada, WestJet, and Porter Airlines.

If you have any questions, please don't hesitate to contact Brent Smith at or John Kizas. **We look forward to seeing you there!**

Brent Smith, Host Chair
brentsmithpeng@gmail.com
(506) 659-7648

John Kizas, CSSE Administrator
administrator@seniorengineers.ca
(613) 890-9363

From Sea to Sea to Sea ... Current and Coming Events

MARITIMES (Contact: **Dan MacDonald**, danm@cbcl.ca)

A warm welcome to Fredericton for the Annual Meeting of the Canadian Society of Senior Engineers. This will be followed by the Youth Fair, to be held at the University of New Brunswick, also in Fredericton, from Monday, May 13th to Thursday, May 16th.

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

MONTREAL (Contact: **Bill Altimas**, waltimas@hotmail.com or **Bill Matthews**, williammatthews777@me.com)

The Montreal group meets at the Manoir Resto in Pointe Claire on the first Monday of each month for lunch; also, at The Royal Saint Lawrence Yacht Club (The RSLYC) in Dorval, Quebec.

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

THE GREATER OTTAWA AREA (Contact: **Tony Thatcher**, jathat@rogers.com)

The Ottawa Branch of the CSSE SCIS continues to hold its monthly lunch-seminars. Attendees include current members, former members, and friends from the Montreal Branch and others who are attracted by the seminar topics, their association with or knowledge of the guest speakers and the informative comment / question / answer sessions that follow the presentations. The informal / no fee approach seems to be an important factor. Attendance during 2018 ranged from 16 to 21 per meeting, invariably weather dependent.

The Ottawa Chapter meets at The KS Restaurant on Daze Ave., south of Southgate Shopping Mall, usually on the 3rd Monday of the month, at 11:30 for lunch.

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

The Winnipeg Chapter celebrated in January the 100th anniversary of one of its Honorary Directors, **Len Bateman**.

Ron Britton (right) and **Len Bateman** (left) with cake and not enough room for all the candles.



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

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

CALGARY (Contacts: **Chan Wirasinghe**, wirasing@ucalgary.ca; **Leo Flaman**, lflam@shaw.ca)

Arrangements are made by **Leo Flaman** for The CSSE and The CSEM to hold joint luncheons. Registration for each luncheon is at 11:30 am at The Danish Canadian Club.

On March 11th, the guest speaker was **Kevin Jabusch**, P.Eng, President and CEO of ENHANCE Energy Inc. who talked on 'Alberta Carbon Trunk Line'. The Alberta Carbon Trunk Line (ACTL) will be the world's largest carbon capture and storage project. The project consists of a 240 km pipeline which will gather, compress and store up to 14.6 million tonnes of CO₂ per year, and inject this CO₂ into depleted oil reservoirs. The pipeline will run from the Alberta Industrial Heartland to a site near Clive. ACTL will be capable of gathering CO₂ from several sources in the Alberta's Industrial Heartland and transporting the CO₂ to existing mature oil fields throughout South-Central Alberta. These oilfields will see significant increases in production as CO₂ is permanently stored in the reservoir. The capture and permanent storage of CO₂ will result in significant reductions in emissions of greenhouse gases in Alberta. The initial supply of CO₂ will come from North West Redwater Partnership and Agrium Inc.



From Sea to Sea to Sea ... Current and Coming Events ... Continued

For Monday April 8th the speaker is **Steven Dold**, P.Eng. Leader, Project Engineering - Glenmore Water Resources, Infrastructure Delivery, City of Calgary. He will speak on "Glenmore Dam Upgrade". The Glenmore Dam is an existing concrete structure that holds back the Glenmore reservoir, a primary source of drinking water to the city. Built in 1932, the dam controls the downstream flow of the Elbow River, which allowed the city to develop property near the river's banks with less risk of flooding. Since the 1930's the Glenmore Dam has been integral to Calgary's water infrastructure system. An upgrade was needed due to the age of the dam. The Glenmore Dam Improvement project is a \$82 Million upgrade that will see construction work performed from spring 2017 until 2020. Scheduled upgrades include a new bridge deck with better access for pathway users, structural concrete work on the face of the dam, and a new steel gate and hoist system to enhance flood resiliency.

Proposed - Architectural view of the upgraded dam
Source: City of Calgary



To Register: Please click [HERE](#) or go to the CSEM website: www.csem-scqi.org/calgary.html before noon, Friday April 5th.

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

The Edmonton Chapter meets at Chateau Louis Conference Centre, 11727 Kingsway on the 3rd Thursday of the month, at 11:30am., with a buffet lunch at 12:00, followed by a speaker. The upcoming program is:

April 25: **Jim Hutton** - "Bitumen - What Is It and How Is It Produced?"

The presentation will describe the composition of bitumen, and Western Canadian Select (WCS) and how bitumen is recovered from the oil sands.

May 16: **Bruce Peachey** - Presentation on "Status of Liquefied Natural Gas (LNG) Projects in Canada", a project on the impacts of LNG exports on upstream emissions, well drilling, gas processing etc., looking at the latest intelligence on what drives LNG projects today and some potential barriers.

June 20: Speaker to be announced.

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

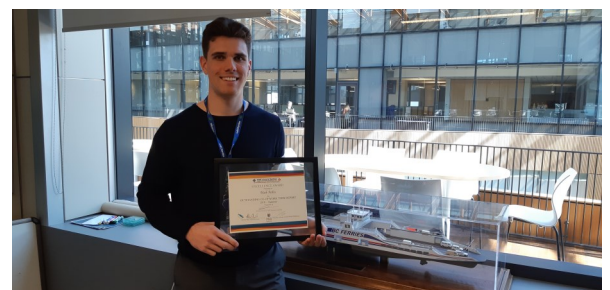
VANCOUVER (Contact: **Aidan Gordon**, aidan@gordoncrane.com)

The Vancouver chapter normally meets at 11:45, on the first Thursday each month at the Sutton Place Hotel, Burrard Street. (3-course lunch. Cost: Members \$45.00, guests \$50.00.)

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

The Vancouver Island Branch gathers for lunch at 11:30am, on the first Friday (adjusted for holidays) September through June, at The Oak Bay Recreation Centre, Victoria. Please link to www.viengsoc.ca for current activities and events, or secretary@viengsoc.ca for specific enquiries.

The Victoria CSSE Fellows **Don Kjosness**, **Ken Putt**, and **Robin Black** represented IEEE in presenting this VIES Award of Excellence to **Mak Rokic** for the "Best Written Coop Engineering Work Term Report." The \$300 Award was funded by the Victoria Section of IEEE.



Progress of CSSE Papers

"The Aging of our Vital Infrastructure and the Threat to Public Safety - an Engineering Responsibility" (Contact **Jean-Guy René**, at jg.rene@sympatico.ca or 613-821-5273) has been distributed to a representative of each province for distribution to local authorities of his or her choice.

Still being developed:

"The Erosion of Canada's Manufacturing Sector - What Can Engineers Do About It?"

(Contact **John Dinsmore** at johndins@videotron.ca, or phone 514-933-2112.)

For members who might be interested in leading a CSSE paper, there is a procedure to follow, available by contacting **Andy Jones** at stonyjones@ieee.org.

The CSSE Website: www.seniorengineers.ca

By **Andy Jones**

The CSSE web site 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 stonyjones@ieee.org. The same with if you know of something a CSSE member has done that can be entered into "members spotlight". The French version is now available at <http://seniorengineers.ca/scis/> and I'm looking for edits and corrections.

Correspondence with the CSSE Administration Office

All "snail-mail" correspondence, including cheques, and enquiries, should be sent to:

The Canadian Society of Senior Engineers
464 Briar Avenue
Ottawa, Ontario
K1H 5H6

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 at administrator@seniorengineers.ca or (613) 890-9363 and the CSSE Secretary, **Don Kjosness** at kjosness@telusplanet.net.