

CSSE Newsletter

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The President's Remarks

What happened to summer! Wow, it flew by. And what a diverse summer it has been across our country - from cool and wet in the east to hot and dry in the prairies and fiery in BC. While some of our summer weather has caused issues for some, we should count ourselves lucky in Canada that we aren't facing the devastation caused by the recent weather events and hurricanes in the southern US and Caribbean. No doubt there will be emergency response and reconstruction work for our colleagues in the south for some time to come. We also saw forest fires in BC, SK, MB, Montana and California as well as an earthquake in Mexico.



President Shawna Argue

Such disasters also are an opportunity to reflect on lessons learned about design, materials, and impacts of natural forces and to seek opportunities to share our knowledge and expertise in these areas where we can, but particularly with the future generation of engineers. Our thoughts should be with our neighbours to the south as they reassemble their lives.

As some of you may be aware, CSSE-SCIS Past-President, Colin Smith and I have been actively working with some US State Boards of Engineers and Land Surveyors on the mutual recognition of professional licenses through APEGS' and EGBC's involvement with PNWER (Pacific NorthWest Economic Region). Idaho is currently the only state within the PNWER region that will recognize a Canadian Professional Engineer and license them in a similar manner as the Canadian associations would license Canadian professionals through mobility. A few others, including Texas (under NAFTA), Nevada, Arizona and Utah also register P.Eng.'s as PE's under comity licensure provisions. We have been working with Oregon, Washington, Alaska and Montana and are in varying degrees of negotiations with each of these jurisdictions. However, even without these agreements in place, that should not limit our ability to respond on an emergency basis, if called upon.

Your CSSE Officers have been busy through the summer following up on action items that resulted from the May Board and Annual Meetings held in Regina. We are also closing in on a location and date for the 2018 Annual Meeting. We hope to be able to make an announcement with respect to that in the near future. I would like to personally thank Suzelle Barrington and Bill Altimas for their efforts in this area.

While fall leads us towards the end of the calendar year, it also is the start of the new academic year with many of our members getting involved in teaching or other outreach activities. I appreciate what all of you do to promote engineering and science as careers to our youth and would encourage you to share some of your experiences with all of the CSSE membership.

Have a great fall!

Members in the News

Past President **Ron Britton** has completed his book, "On Design, a Philosophy of Design and Engineering". To purchase a copy, go to

<http://www.friesenpress.com/bookstore/title/11973400008953175>.

Did you see **Jan Carr's** Op Ed piece, "Power to the (Other) Provinces," in *The Globe and Mail* in August? If not, email Jan at jan.carr2@gmail.com. He might still have a copy.

New & Returning Members

Kenneth Arnold Rosin
(Winnipeg)

2018 Fellowship Nominations

The closing date for submission of nominations for 2018 awards is November 30, 2017. However, it is not too early to initiate nominations for 2018 CSSE fellowships, to be presented at the Honours and Awards Dinner following our AGM in May 2018.

Please submit completed applications to Director **Fred Otto**, Chairman of CSSE's Honours and Awards Committee at fotto@interbaun.com. Detailed guidance for the preparation of nominations is given in the applicable CSSE Standard Operating Procedure (SOP). The rules and form are posted on our website. Also, you can contact our Secretary, **Margaret Kuzyk**, at margaret.kuzyk@sasktel.net, or info@seniorengineers.ca, as a source for the applicable SOPs.

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

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

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.

Sep. 13. (at The Royal Saint Lawrence Yacht Club in Dorval, Quebec) A New Mini Ice Age - Is it Possible? (**Michael King**, Hydraulic Engineer and Generation Specialist, SNC Lavalin)

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

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

The Ottawa Chapter (known to several members as "The Old Farts") 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 at 12:00 and a speaker.

Jul. 17. Central Banks, Their Roles and Their Tools (**Mark Podolak**)

Aug. 21. The Peoples' Republic of China (**Frans Koch**)

Sep. 18. Engineers Without Borders, (**Boris Martin**)

Oct. 16. Water Issues. (**Bill Altimas**)

Nov. 20. An Overview of In-flight Icing of Aircraft (**Dick Kind**)

Jan. 15. Building the Panama Canal (**Mike Taylor**)

Feb. 19. Primordial Fear (**Arnold Eyre**)

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

Sep. 26. Technology for Seniors: More than Just Twitbook (**Ranjan Sri Ranjan**, Professor, Department of Biosystems Engineering, UofM)

Changed Your Coordinates?

If you have a new mailing (or emailing) address, please inform the CSSE Administration Office and the CSSE Newsletter Editor **Arnold Eyre** arnoldeyre@outlook.com

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

(Continued from page 2)

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 January, July and August.

Meetings are from 11:30 am to 1:00 pm

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 **11:30 a.m.**, with a buffet lunch at 12:00, followed by a speaker.

Sep. 21. Rethinking Canadian Infrastructure: A Strategic Northern Corridor (**John McDougall**, Past President of the National Research Council and Past President and CEO of the Alberta Research Council)

Oct. 19. TBA.

Nov. 16. A detailed presentation on the work in the nanoFAB to showcase what is happening on campus at the UA. (**Eric Flaim**, PhD, Director University of Alberta - nanoFAB)

Shown is the presentation of the \$1000 CSSE donation to the DiscoverE program at the University of Alberta on July 21. Pictured From left to right: **Valerie Belisle**, Assistant Dean Advancement, Faculty of Engineering; **Ilana Crawford**, Outreach Coordinator & Director of DiscoverE; **Fred Otto**, CSSE Director and **Fraser Forbes**, Dean, Faculty of Engineering, University of Alberta.

Ms. Crawford, in her letter thanking The CSSE, said that DiscoverE has conducted a 10-year overview to see what effect donations have had on their program. You can contact our Secretary, **Margaret Kuzyk**, at margaret.kuzyk@sasktel.net, or info@seniorengineers.ca, to view the letter and overview poster.



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**, robinblack@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.

Oct. 6 Enhancing UVic Engineering's infrastructure to better serve the community. (**Dr. Tom Tiedje**, Dean of Engineering, University of Victoria)

Nov. 3 DND A&B Jetty Project & Other DND Esquimalt Programs (**Tim Flath**, Defence Construction Company)

Dec. 1 Canada at a new crossroads: 25 years later. (**Jamie Sawchuk**, Consultant, Deloitte and Touche)

Jan. 5. Canadian Medical & Biological Engineering Society (CMBES) (**Martin Poulin**, CMBES Past President)

Feb. 2. Canada's Space Program (**Mac Evans**, Former President, Canadian Space Agency)

Some of the speakers' notes are made available via Internet (with author's agreement).

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.

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

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 are:

- 1) "Re-advancing the Canadian Nuclear Industry" (Contact **Dan Meneley** at dan.meneley@sympatico.ca, or phone 705-657-9453.); and
- 2) "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 andyjones@xplornet.com.

NOTICE. Cancellation of The Second Richard Marceau Energy Symposium

Unfortunately, The Second Richard Marceau Energy Symposium, "Nation-Building Sustainable Energy Projects", scheduled for October 11 & 12, 2017, has had to be cancelled.

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 andyjones@xplornet.com. 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.