

# CSSE Newsletter



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## President's Message

As we approach the midpoint of our 2014/15 year, it is my pleasure to offer warm greetings to all members and friends of CSSE/SCIS. The recent tragic killing of two of our servicemen in Quebec and Ontario will bring an especially poignant sense of remembrance when we pause on November 11th to honour all Canadians who sacrificed their lives in support of the democratic freedoms our society enjoys today.

As noted elsewhere in this newsletter, CSSE/SCIS's interaction with Canada's Navy has continued with recognitions of the centenary of Canada's Submarine Force in Ottawa and Halifax. Ongoing linkages between the Navy's serving and civilian engineers, CSSE/SCIS and our colleague engineering associations are being forged to the prospective benefit of all.

Your Board of Directors recently held its mid-year national teleconference. Confirmation was received that your society remains in healthy financial condition; 2015 dues will remain at the current rate of \$90.00. When your renewal notice is issued, we trust that everyone will renew promptly and continue our historic practice of generously donating to our Foundation. Two examples of the benefits of our donations are reported upon in this newsletter. The Constitution and Bylaws were reconfirmed with one change of note: our name in English was amended to be in accord with our name in French. We are now the Canadian Society of Senior Engineers (previously "for"). We will also protect our 'Wise Owl' logo by registering it. On the membership front, we are on the upswing thanks in part to the return of several departed members following last year's dues increase and to the efforts of several members in response to our new members' recruitment initiative. Ken Putt continues well out in front in this regard and has shared his template for success with all Board members; it is available to you as you identify prospective members.

Under Chair Andy Jones, our Advocacy Committee is moving forward in its development of several potential initiatives; an op-ed column is also being drafted as a counterbalance to the irrational fears of nuclear energy being promulgated by its foes.

Past President Andy Jones continues his valuable service as CSSE/SCIS' webmaster. If you haven't visited the site recently, please do so and give your feedback to Andy with items that you suggest might enhance our site even more.

Planning for EIC's impact of climate change conference CCTC 2015 is well underway. CSSE/SCIS had already provided its seed financial contribution and several members are actively involved in the conference's organization and call for papers.

Finally, please note that the November 15th deadline for submission of nominations for EIC and CSSE/SCIS Fellowships is fast approaching. Prominent and deserving colleagues' service can only be recognized in this manner if you make the personal effort to submit a nomination.



Colin Smith

## Welcome, New/Re-joining Members

- **Bill Christie** (Ottawa, ON)
- **James (Jim) Richard Harrington** (Victoria, BC)
- **David H. ("Mitch") Mitchell** (Ottawa, ON)
- **Gregory Snaith** (Edmonton, AB)

## Member in the News

- On August 23rd, in Ottawa, CSSE Past President **Jon Jennekens** presented (submarine) Centenary Citation Certificates to RAdm **Pat Finn** RCN, and Cdr(ret) **Bill Irvine** RCN (Ret'd.).
- CSSE Director **Pieter Van Vliet** represented EIC at the 67th Geotechnical Conference (**GEORegina 2014**) held in Regina from September 28 to October 1, 2014, the local arrangements being made by CSSE Fellow **Wayne Clifton**.
- Past President **Ken Putt** and Director **Aidan Gordon** have been appointed by EIC Council to the inaugural EIC Investment Committee.
- On October 3rd, in Halifax, CSSE Fellows **Ron Gilkie** and **Terry Hennigar** presented the citation recognizing the Centenary of the Canadian Submarine Service to **Terry Chatham** of SAOC (East).
- On October 16th, CSSE Director **Ron Gilkie** received the Dalhousie University Alumni Association Lifetime Achievement Award.

On October 24th, CSSE Director **Ron Britton** was made an Honorary Life Member of the APEGM.

- On October 29th, CSSE Director **Ron Gilkie** and Past President **Nelson Ferguson** presented the 100th Anniversary Citation to Cdr Randy Truscott of the MAROPS GRP 5 HQ at a luncheon at HMC Dockyard, Halifax.

## From Sea to Sea to Sea ...

**NEWFOUNDLAND AND LABRADOR** (Contact: **John Evans**, [13jgevens@gmail.com](mailto:13jgevens@gmail.com))

**MARITIMES** (Contact: **Ron Gilkie**, [barkergilkie@ns.sympatico.ca](mailto:barkergilkie@ns.sympatico.ca))

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

**MONTREAL** (Contact: **Tom Madanda**, [TMadanda@bell.net](mailto: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](mailto:jonorah@rogers.com))

**THE GREATER OTTAWA AREA** (Contact: **Gerrie Kautz**, [gwkautz@rogers.com](mailto:gwkautz@rogers.com))

**November 18** **John Goldak**, "Computer Simulation for the Design of Welds".

**January 20** **Drew Wilson**, "Trent-Severn Waterway".

**February 18** **Jon Jennekens** and **Ramsey Withers**, "Canada in the Korean War".

## In Memoriam

- **Bob Boyd** (Kingston, ON)
- **Bill Filer** (Dundas, ON)
- **Gordon Lindsay** (Vancouver, BC)

## CSSE Correspondence

All "snail-mail" correspondence, including cheques, and enquiries, should be sent to **The Canadian Society for Senior Engineers**, 1717 Lakeshore Drive, Ottawa, Ontario K4P 1H1. Emails to [info@seniorengineers.ca](mailto:info@seniorengineers.ca); Faxes to: 613-821-0179; and/or Phone calls: 613-821-5273. Dues and donations also can now be paid securely by credit card by going to the "Members" page at the CSSE website: [www.seniorengineers.ca](http://www.seniorengineers.ca).

## From Sea to Sea to Sea ...

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

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

**May 29** Plans for the **AGM** on Friday, May 29, 2015 are beginning to firm up.

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

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

**CALGARY** (Contact: **Chan Wirasinghe**, [wirasing@ucalgary.ca](mailto: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 a.m. to 1:00 p.m.

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

The Edmonton chapter usually meets on the third Thursday of the month, at **11:30 a.m.**, with a buffet lunch at 12:00, followed by a speaker, if one is available. Venue may vary.

**November 20** **Bruce Peachy**, "In-situ Bioconversion of Coal".

**January 15** **David Chanasyk**, "2050 Vision for Water Management".

**February 19** 'Atco Electric', "DC Transmission Line".

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

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

**November 6** **Alex Brigden**, Project Director, Woodfibre-Ing, "The Woodfibre LNG Project in Howe Sound".

**December 4** **Linda Meindersma**, Bridge Section Manager, PMH1, Transportation Investment Corporation, "The Demolition of the Old Port Mann Bridge".

**February 5** **Alan S. Imrie**, Imrie Engineering Inc., "The Ituango Project in Colombia—An Update on this 2400 MW Hydroelectric Project in South America".

**VANCOUVER ISLAND** (Contact: **Gerry Buydens**, [gbuydens@shaw.ca](mailto:gbuydens@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.

**November 7** **Eve Gordon**, CEO, and **Dean Polvi**, PMP, of High Angle Imaging System (HAIS), "HAIS' Unmanned Aerial Vehicle (UAV) Business".

**December 5** TBA

**January 9** **Dwayne Kalynchuk**, Director of Engineering, City of Victoria, "Victoria's New Johnston Street Bridge ('Blue Bridge') Replacement".

## CSSE Charities ...

**THE ALBERTA SCIENCE NETWORK (ASN)** (formerly The Alberta Science Literary Council) by **Jan Brigden**, **ASN Communications Manager**

Alberta Science Network's Scientists & Engineers-in-the-classroom Program offers students the unique opportunity to meet scientists and engineers face-to-face. Volunteer engineers, scientists and technologists give curriculum-related presentations that include hands-on activities and information about traditional and emerging careers to one classroom at a time.

The volunteers are an amazing variety of skilled individuals ranging from an optometrist to a

## The CSSE Website

The CSSE website (<http://www.seniorengineers.ca>) 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](mailto: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](mailto:andyjones@explornet.com).



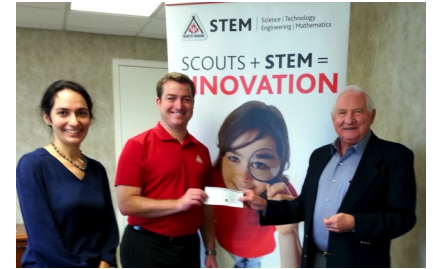
## CSSE Charities ...

flight instructor. One of our most dedicated volunteers and a great example to new presenters is **Nick Malychuck**, a retired engineer and CSSE director. Nick generously commits to a regular presentation schedule and receives overwhelmingly positive feedback from teachers and students, resulting in requests for repeat visits year after year.

ASN provides volunteer training, resource materials and support. Presentation experience is not required; just your enthusiasm! If you are passionate about science see [http://albertasciencenetwork.ca/involved\\_apply.html](http://albertasciencenetwork.ca/involved_apply.html) and find out how you can get kids excited about science!

### SCOUTS CANADA

CSSE Ottawa Director Gerrie Kautz (on right) presents a \$1000 CSSE cheque to Andrew Price, the CEO of Scouts Canada, to purchase robot kits for their Science Technology Engineering and Mathematics (STEM) program. Maryam Soltan Zadeh, the STEM program director and an engineer is on the left.



### ADVOCACY WORKSHOP PROGRESS

The Ottawa and Montreal chapters' workshop has developed synopses of the following 6 advocacy topics, (the final length of each advocacy paper to be between 800 and 1200 words):

- (1) The aging of our vital infrastructure and the threat to public safety - an engineering responsibility (contact **Jean-Guy René**, at [jg.rene@sympatico.ca](mailto:jg.rene@sympatico.ca), or 613-821-5273);
- (2) The erosion of Canada's manufacturing sector - what can engineers do about it (contact **John Dinsmore** at [johndins@videotron.ca](mailto:johndins@videotron.ca));
- (3) The role of engineering in mitigating against disasters (contact **Drew Wilson** via [info@seniorengineers.ca](mailto:info@seniorengineers.ca)), (or 613-821-5273);
- (4) Improvement in national defence procurement (contact **Bruce McGibbon** at [bmcgibb9@rogers.com](mailto:bmcgibb9@rogers.com)), (or 613-821-5273);
- (5) Re-advancing the Canadian nuclear industry (contact **Terry Rogers** at [tr626262@sympatico.ca](mailto:tr626262@sympatico.ca)) (or 613-821.5273) (or 613-821-5273); and
- (6) Updating the CSSE's "Energy Compass" advocacy paper of 2010 (contact **Jon Jennekens** at [jonorah@rogers.com](mailto:jonorah@rogers.com)), (or 613 822 8227).

Members interested in participating to some extent in 1 or more of these 6 topics are invited to contact the applicable members indicated. Also, for anyone interested in mounting his/her own advocacy, there is a revised procedure to follow, available at [info@seniorengineers.ca](mailto:info@seniorengineers.ca), or by phoning 613-821-5273.

## Editorial Corner

From **Ron Britton** of the **Manitoba Branch**.

Back in 1818, Henry Palmer delivered the Inaugural address of the Institution of Civil Engineers. He suggested that "The Engineer is a Mediator between the Philosopher and the Working Mechanic, and like an interpreter between two foreigners, must understand the language of both, hence the absolute necessity of possessing both practical and theoretical knowledge." This still seems to encompass both our role and the constraints we encounter in carrying out that role.

More recently (2003), in *Backroom Boys: The Secret Return of the British Boffin*, Francis Spufford, took a stab at defining engineering. In his words, "Engineering, of any description, is an art of the possible. It happens at the junction between what is materially possible and what is humanly possible. Its course is shaped by the latest developments in the endless struggle to manipulate obdurate matter, and also by the agendas and priorities and resources and hopes and illusions of a society. Engineering is where science intersects with the way we live.

Email your letters (100 words or less, please) to [arnoldeyre@hotmail.com](mailto:arnoldeyre@hotmail.com) or mail or fax them to the CSSE Administration Office; **Faxes** to: 613-821-0179; and/or **Phone calls**: 613-821-5273.

## Changed Your Coordinates?

If you have a new mailing (or emailing) address, please inform the CSSE Administration Office.