

# CSSE Newsletter

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## The President's Remarks

Spring (hopefully) greetings everyone. I'm pleased to report that CSSE/SCIS' recognition of the Centenary of Canada's Submarine Service concluded with two recent events. At the invitation of RAdm Bill Truelove, a delegation of Vancouver Island members, including Ken Putt, Robin Black, Gerry Buydens, UVIC Dean of Engineering Tom Tiedje, VAdm (Ret'd) Nigel Brodeur and RAdm (Ret'd) Richard Greenwood, accompanied myself and UVIC AVP External Relations Tom Zsolnay, to a Commander, MARPAC Honours and Awards Ceremony at which Seaspan/Victoria Shipyards VP and General Manager Malcolm Barker was cited for his unstinting corporate and personal assistance to CFB Esquimalt. We were privileged with the opportunity to also express CSSE/



Colin Smith



SCIS's appreciation to Malcolm and Seaspan for their Gold Sponsorship of our 2014 AGM by way of presenting a Citation to him (shown President Colin, Malcolm Barker, RAdm Truelove).

At VIB EIC/CSSE's monthly meeting the following day, we surprised Nigel with one last Citation presentation to thank him for his instrumental engagement in securing the above



referenced AGM sponsorship (shown President Colin, VAdm (Ret'd) Nigel Brodeur, Ken Putt). Some significant community building resulted from these CSSE/SCIS facilitated recognitions. Locally, the bonds between the RCN and UVIC were strengthened; already DND and its associated industry partners are UVIC's largest source of engineering co-op placements; opportunities for enhancement and expansion of teaching and research cooperation will be explored through further engagement at both the university's administration and faculty levels. Nationally, the connections made with the RCN in Ottawa and Halifax offer additional opportunities to build beneficial partnerships.

As our CSSE year moves inexorably towards to its culmination at our May AGM in Winnipeg, I'm pleased to report that the work of several of our Committees is progressing apace. Our Constitution and Bylaws Committee, chaired by Pieter Van Vliet, has been actively working on an updated version of the Bylaws to meet the requirements for registration with Industry Canada (including our new CSSE/SCIS Logo). With input from various members, its work is based on the directions of previously approved Board decisions and takes into account the work of our Secretary to remove the many administrative details from the Bylaws and compile them into the Standard Operating Procedures. Both documents are a work in progress. Unless major structural changes are required, this will obviate the need for changing the Bylaws each year to accommodate administrative changes.

As expanded upon below, our Advocacy Committee, Chaired by Andy Jones, and its Montreal-

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## The President's Remarks *continued*

Ottawa Workshop Task Force, co-chaired by Jean-Guy René and Arnold Eyre, are furthering their advancement on a number of important advocacy topics. Our 2015 AGM Committee, Co-chaired by Dave Ennis and Ron Britton are finalizing arrangements for our May 29th Board and Annual General Meetings, Gala and ancillary tours and activities in Winnipeg.

Finally, our Honours, Awards and Fellowships Committee (HAF), Chaired by Jon Jennekens, is finalizing its recommendations on awarding 2015 CSSE/SCIS Fellowships. Also as reported below, the preparation of excellent submissions to the EIC by Committee members, and several CSSE/SCIS member nominators, resulted in Jon Jennekens and Nelson Ferguson being named to receive EIC Medals and Jean-Guy René and Andy Jones named as Fellows of EIC, "for their significant contributions to The EIC and/or its member societies". Congratulations to each of you - your service to CSSE/SCIS, EIC and our engineering profession is commendable and adds significant distinction to membership in our Society.

## Welcome, New/ Returning Members

- Karel Heemskerk  
(Ottawa, ON)
- Donald Henry Kjosness  
(Victoria, BC)
- Paul Douglas MacNeill  
(Victoria, BC)

## The 2015 AGM

Join the **Canadian Society of Senior Engineers** for the 2015 Board Meeting, AGM, and Awards Dinner in Winnipeg, Manitoba.

<b>WHEN:</b>	Friday, May 29, 2015
<b>WHERE:</b>	Winnipeg Manitoba - Where the New West Begins. At the <b>MANITOBA CLUB, 194 Broadway Avenue.</b> <b>Note:</b> Dress code in effect - Jacket and smart casual dress. No denim, shorts, T-shirts sneakers, or sandals.
<b>PROGRAM:</b>	At the <b>MANITOBA CLUB</b> 9:00 am - 12:00 <b>Board of Directors Meeting</b> 12:00 - 2:00 pm <b>Lunch</b> (delegates, fellows and partners) 2:00 pm <b>Annual General Meeting</b> (All CSSE members welcome) 5:00 pm <b>Pre-Gala reception</b> 6:00 pm <b>Dinner, Fellowships, Recognition of the Winnipeg Aqueduct</b>
<b>REGISTRATION:</b>	Delegates and Fellowship recipients and guests are to register online. The registration page can be accessed at <a href="http://www.apegm.mb.ca/CSSE/">http://www.apegm.mb.ca/CSSE/</a> . Payments must be by credit card.
<b>HOTEL ACCOMMODATIONS:</b>	A block of rooms has been arranged at the <b>FAIRMONT WINNIPEG</b> hotel (adjacent to the well-known Portage and Main), and is available for the nights of May 28th, 29th, and 30th for \$189 per night plus taxes. Delegates should reference the Canadian Society of Senior Engineers when making reservations to receive CSSE rates. Reservations are to be made by calling 204-985-6240 or the Global Reservations Centre at 1-800-441-1414.

## Changed Your Coordinates?

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

## Members in the News

- For those of you who read *The Globe and Mail*, **Kent Hawkins** of the GTA chapter is a regular contributor to the letters to the editor section. His January 31st letter dealt with China's energy policy.
- **Nathaniel Royko** of the Vancouver chapter does regular presentations at the Society for Open Learning and Discussion in Vernon. His last year presentation about radioactivity and

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## Members in the News

nuclear energy was named *Atomic Age*, while his upcoming presentation is called *Alternative Energy - Why and Which?*

- CSSE Director **Jerry Cuttler's** Chapter 2, "Nuclear Energy and the LNT Hypothesis", in the Nova book on the Fukushima accident, was published on February 11th. It is available at: [https://www.novapublishers.com/catalog/product\\_info.php?products\\_id=54053](https://www.novapublishers.com/catalog/product_info.php?products_id=54053).
- **Kim Sturgess** of the Calgary chapter has been awarded a CIC/SCI Canada Medal, in recognition of her industrial success ("Alberta WaterSMART").
- **Chan Wirasinghe** of the Calgary chapter is a recipient of Immigrant Services Calgary's Lifetime Achievement Finalist award.
- Past President and Director **Ken Putt** and President **Colin Smith**, Canadian Academy of Engineering directors, presented the March 6th CSSE luncheon speaker **Afzal Suleman** with his CAE Fellowship certificate.
- Past President and Director **Jon Jennekens** has been awarded the Sir John Kennedy Medal, the senior award of the Engineering Institute of Canada (EIC) for outstanding service rendered to the engineering profession or noteworthy contributions to the science of engineering.
- The EIC has also awarded Past President **Nelson Ferguson** with the John B. Stirling Medal, for leadership and distinguished service at the national level within the EIC and/or its member societies.
- Past President **Andy Jones** and Past President and Director **Jean-Guy René** have been awarded EIC fellowships.

## 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 two to three 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))

**March 17** **John Jennekens**, "North Korea Nuclear Program".

**April 21** **Layne Larsen**, "Debunking the Avro Arrow Myths".

**May 19** **Art Hunter**, "Low Energy Nuclear Reaction (Cold Fusion) Energy Technology".

**June 16** **Drew Wilson**, "The Lighthouse Stevensons".

**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))

Plans for the AGM on Friday, May 29, 2015 are firming up. The February 23rd meeting at the APEGM offices marked the successful launch of our computer-based registration process. **Kevin Amy** of Stantec spoke on "The Souris River Swinging Bridge Replacement."

**March 30** At the APEGM offices, "Leading Edge to LEED®: Mechanical and Electrical Engineering at the Winnipeg James Armstrong Richardson International Airport."

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

## CSSE Charities ...

CSSE supports (**Alberta Science Network (ASN)**) with an annual donation. The ASN web site covers CSSE Director **Nick Malychuk's** recent visit with five classes of grade fours. See [www.albertasciencenetwork.ca](http://www.albertasciencenetwork.ca) and click on News and Events, and look up January 27, 'visit from an engineer'.

## Feeling Adventurous!

Anyone interested in making a(nother) million? Check out "The H2 Refuel H-Prize" at [hydrogenprize.org](http://hydrogenprize.org)."

## Recruit a New Member!

If you have a friend who is not a CSSE member, simply tell the CSSE Administration Office about him/her.

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## From Sea to Sea to Sea ...

**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 nine 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](mailto: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.

**March 19** **Daniel W. Smith**, Professor Emeritus, Department of Civil & Environmental Engineering, University of Alberta, "Things to Think About—The Environment and Humans."

**April 16** A speaker from **PCL**, "The Edmonton Arena Project".

**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)

**April 2** A BC government representative, "The Columbia River Treaty".

**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.

**March 6** **Afzal Suleman**, Canada Research Chair and Professor of Aerospace Engineering, Director, Center for Aerospace Research (CFAR), University of Victoria, "Unmanned Air Vehicles: Experimental Evaluation and Validation of Novel Aircraft Designs."

## Advocacy Progress

The Ottawa and Montreal chapters' workshop has developed synopses of the following six 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 (**Don Peterson, Dan Meneley and Doug Lightfoot** appear to be taking over from the late Terry Rogers); 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 who might be interested in participating to some extent in one or more of these six 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.

## 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 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).