

CSSE Newsletter

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The President's Editorial

The year 2020 proved to be a difficult year in many ways ... but lessons have been learned. The COVID pandemic has forced changes to meetings and procedures to accommodate remote communication and has provided an opportunity to rethink and renew CSSE/SCIS as we move forward into 2021. **CSSE/SCIS needs a strong and clear purpose** that is more than providing a conduit for funds to deserving organisations and individuals. The Society needs to evolve and expand in both scope and membership rather than revert to the pre-pandemic status quo.



President Malcolm Reeves

The core CSSE/SCIS objectives of providing Learned Opinions, making Charitable Donations, bestowing Honours and Awards, and preserving the History of the Profession must remain front and centre but there is a recognition that CSSE/SCIS can and should make more effective use of digital communication technologies. Some activities are well-served by the Society's existing structures. The Charitable Donations Committee, Honour and Awards Committee and History and Archives Committee have continued to function well and do excellent work. On the other hand, the activity of regional chapters, with notable exceptions, has been seriously limited by the pandemic and membership has continued to decline. We need to find new ways to involve members in Society activities. **Maintaining and expanding membership and member participation is perhaps the greatest challenge we face.**

(Continued on page 2)

President's Editorial (Continued)

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CSSE/SCIS has almost seamlessly adopted videoconferencing for national meetings. There is a clear opportunity for Learned Opinion activity to be developed as a cooperative process through Canada-wide ZOOM groups to encourage members to get involved with specific issues of interest to the Society. Perhaps Canada-wide activity groups taking advantage of digital communications might be more attractive to members than face-to-face regional activities? Post-COVID long-term care infrastructure issues, Climate change issues and Energy storage and distribution issues are areas where the experience and expertise of senior engineers and scientists might be able to contribute to strong Learned Opinions?

Some members have been proactive in discussing potential changes to the organization and operation of the Society to better serve the objectives and membership. This "informal" activity has the advantage of being able to bring forward new ideas quickly. CSSE/SCIS needs to have an organizational and operational structure that can act on such ideas in a timely manner. The Annual General Meeting is tentatively scheduled as a videoconference for Tuesday 1 June 2021 when we will be welcoming nine new Fellows to the Society. It is my hope, by that time, most of us will have had the opportunity to be fully vaccinated against COVID-19 and that we can look forward, with some confidence, to meeting face-to-face in future years.

Malcolm Reeves, PhD, PEng, PGeo, FEC, FGC, FCSSE

President CSSE/SCIS

New & Returning Members

Yves Beauchamp
(Varennnes, QC)

Ben Luan
(London, ON)

Bhupen Parekh
(Sherwood Park, AB)

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

Save the Date! - 2021 AGM and Board Meetings

Please note that the 2021 Annual General Meeting, and 2021 Board of Directors meeting, will be held by Zoom videoconference on Tuesday June 1, 2020. The time will be announced later.

Hoping to see you there ... **Jim Beckett**, Secretary



Constitution and Bylaws Approved!

At the August 29, 2020 CSSE-SCIS Special Meeting of the Members the revised CSSE-SCIS Constitution and Bylaws were approved. The meeting took place by ZOOM video conferencing technology. The meeting was well attended by Members from across Canada.

During the past several years the review of the role and function of the Canadian Society of Senior Engineers (CSSE) by the Canadian Revenue Agency (CRA) has been a prominent issue during the discussions at the CSSE Board Meetings. The CSSE was one of many Canadian organizations going through this process which started eight years ago. The CRA has reviewed the May 11, 2019 issue of the CSSE Constitution and Bylaws, and has responded in its letter of March 17, 2020. The CSSE Board voted at its July 4, 2020 to refer this letter to the CSSE Constitution and Bylaws Committee, which is a standing Committee of the Board. Members of the Committee are **Ken Putt** and **Colin Smith** with **Pieter Van Vliet** as its Chair, each of them well-seasoned past presidents of provincial and national engineering organizations.

The CRA letter makes suggestions and recommendation regarding our purpose and objectives as a registered Charitable Organization. The CSSE C & B committee has reviewed the CRA recommendations and with minor edits has accepted the CRA recommendations and replaced the 2019 wording of the Objectives accordingly. The need for deposits to the EIC Fund no longer exists as there is no spending limit of CSSE Funds to qualifying donees under the Income Tax. The new ruling also clarifies that it does not allow any contributions to the EIC Fund as not being a qualified donee .

It is of some concern that this new list of Objectives as part of our Constitution might narrow the purpose and functions of the CSSE-SCIS to the Charitable Donations only, without the activities related to expressing learned opinions on related issues when they arise. In compliance with Bill C-86 and to preserve the traditional role of the CSSE some comments have been added to Article 3 of the Constitution showing the supportive linkage of the expression of learned opinion as an integral part of supporting Canada's younger generation's future professional, economic and social development choices and opportunities through our donations program.

Other minor edits of a housekeeping nature have been made in the C & B Document for clarification, including the end date of the Annual General Meeting of the Organization to be between April 1st and July 31st of each year. Reference is also made to holding Board and Annual Meetings by virtual means using internet audio/visual technology.

A copy of the CSSE-SCIS Constitution and Bylaws can be found at the CSSE Website (seniorengineers.ca).

END OF REPORT

Pieter Van Vliet, FCSSE, P.Eng
Chair, CSSE-SCIS Constitution and Bylaws Committee
September 7, 2020

A thank note from Engineering at Alberta to CSSE members

Thank you to you and The Canadian Society of Senior Engineers for your generous support of the DiscoverE program again this year. During these uncertain times, it's especially heart-warming to see our partners and donors reach out with kind words and financial contributions. We're grateful for your ongoing investment and support!

Dr. Fred Otto has also remained connected to this ongoing partnership between CSSE and DiscoverE. We'll be sure to connect with him as well to express our gratitude and let him know that we've reached out to you.

Copied on this email is **Ilana**, the Director of DiscoverE. She and I would welcome the opportunity to speak with you and your members to outline how DiscoverE has shifted its programming due to the pandemic. Our DiscoverE Activity Boxes are blasting off (pun intended - this second round of boxes is space-themed!) later this month. We had a successful first launch in August and are excited to follow up with more hands-on fun at home for our DiscoverE learners.

Please let me know your thoughts on next steps - we'd welcome the opportunity to connect with you and your membership!

With gratitude,
Ashley Davis, Associate Director, Development
Engineering at Alberta, University of Alberta,
Edmonton, Canada



Proud of the impact your achievements
have had on society?

Why not contribute your story to the
EIC Oral History Interview project?
CSSE is a partner in this project.

Please provide a summary of your
achievements to **Suzelle Barrington**, ing,
agr. FCSSE, FCAE, Chair CSSE History
and Archive Committee:

suzellebarrington@sympatico.ca

CSSE 2021 Fellowships

The Canadian Society of Senior Engineers (CSSE) Fellowships have been adjudicated and awarded to accomplished Engineers. The Fellowships will be recognized during the 2021 AGM.

Asgarpour, Soheil	Calgary, AB
Bailey, William (Bill)	Sydney, NS
Cumming, Neil	Richmond, BC
Dickson, Colin	Halifax, NS
Gray, Murray R.	Victoria, BC
Hutcheson, Larisa	Victoria, BC
Olson, James	Delta, BC
Savage, Karen	North Vancouver, BC
Thring, Ronald W	Prince George, BC

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

The Canada-Wide Science Fair Virtual 2021

... Interested in taking part as a Judge?

Location: Virtual

Judging Orientation: Sunday, May 16 (6-7pm ET)

Judging Day: Monday, May 17 (all day) & Tuesday, May 18 (8am-2pm)

You only need to judge Day 2 but are welcome to judge both days.

If there is someone interested, please forward me their name along with their email address so I can enter them in our online registration system for judges. I can promise a great day!!

If you have any questions, please feel free to contact me at any time. As always, thank you for being a Special Award sponsor!!

Thank you,

Lori Murray, Administrative Assistant
Youth Science Canada

lori.murray@youthscience.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.

Regional News

Due to the Covid-19 pandemic, most regions have not been active. The Vancouver Island group remains active with their monthly Technical Speakers' Series meetings held through Zoom™ videoconferencing. Their March meeting was attended by two guests of honour; the newly appointed President of the University of Victoria, Dr. **Kevin Hall** and the UVic Engineering Dean-elect, Dr. **Mina Hoorfar**, FCSME, the President of the Canadian Society of Mechanical Engineers.

Atlantic Region

Good news for Moltex/ARC Clean Energy, as the New Brunswick and Federal governments have just awarded \$50.5million for the further development of the Stable Salt Reactor technology.

Please refer to the June 2019 CSSE Newsletter for the description of this safe Nuclear Reactor.

The University of New Brunswick is also being awarded \$560 000 for a research Centre to further develop this technology.

The Point Lebeau generating station is getting \$5 million from



Ottawa to prepare the site for this new technology.

Ref: CBC News, MARCH 18th, 2021, FOR New Brunswick.

<https://www.cbc.ca/news/canada/new-brunswick/feds-millions-small-nuclear-reactors-1.5955274>

Regional News ... Continued

Manitoba

Manitoba members appreciate that CSSE has made a \$1000 donation towards WISE Kid-Netic Energy at the University of Manitoba - an outreach group designed to ignite an interest in and life-long passion for STEM in all Manitoba youth - regardless of background, gender or socio-economic status. <https://www.wisekidneticenergy.ca/who-we-are>

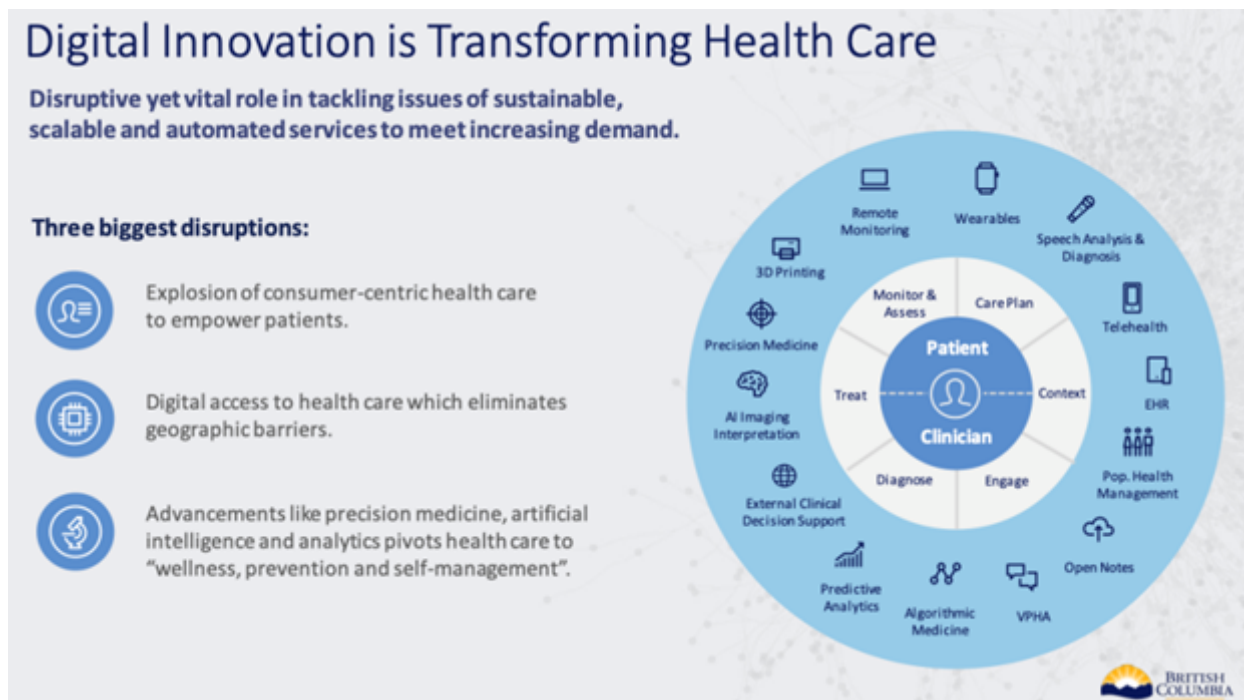
Vancouver Island Engineering Society

Friday 09 April 2021

Zoom address and login on our home page www.viengsoc.ca between 11:30 am & 11:45 am

Introduction to BC Digital Provincial Health Initiative

ABSTRACT: The Province of British Columbia is transforming its health sector into a sustainable integrated care delivery system that will better empowers patients and deliver improved health outcomes. In support of this transformation imperative, the Province is advancing a provincial Digital Health Initiative that seeks to implement a comprehensive cross-sector digital ecosystem in support of patient empowerment, care delivery and learning. The DHI is advancing digital capabilities across the Province through a standards-based multi-vendor ecosystem that has the key goals of enhanced analytics and decision support capabilities, patient empowerment, support for team-based integrated care and improved experience of the care team, building towards a future vision of a real-time learning health system.



Regional News ... Continued

Vancouver Island Engineering Society (Continued)

Event Guest Speaker

Dr. Douglas Kingsford

**Provincial Chief Medical Information Officer
British Columbia Ministry of Health**



In Memoriam

Neil C. Lund
(Edmonton, AB)

R. Mohan Mathur
(London, ON)

Jean-Guy René
(Longueuil, QC)

AGENDA (Pacific time):

- | | |
|-----------------|--|
| 1130 - 1145 hrs | Sign in and networking |
| 1145 - 1200 hrs | Welcome, introductions & announcements
Chair, Murray Gray , PhD, FCSSE |
| 1200 - 1245 hrs | Presentation, Q&A |
| 1245 - 1300 hrs | Wrap-up |

Please pre-register for the event through our website to help with our meeting management.

May 7th - Canada's Energy Sector: Opportunities and Issues; Guest speaker **Soheil Asgarpour**, Ph.D., FCAE, FCIM, FCSSE, P. Eng. President, Petroleum Technology Alliance Canada PTAC. The registration and Zoom™ log-in procedures are the same as noted above.