



PRESIDENT'S MESSAGE

I hope this note finds you well. COVID-19 has caused many disruptions and changes this year, including the postponement of our 2020 annual meeting to June 2021. We are grateful to lead organizers Judith Nyrianeza and Scott Anderson (AAFC- Charlottetown) and their team who have further committed to run the meeting in 2021. We are also grateful to the organizers of subsequent meetings who quickly agreed to postpone their plans as well, allowing the delayed Charlottetown meeting to proceed. More information may be found about the 2021 meeting later in the newsletter.

Even with the strains of a global pandemic, there are several developments within the CSSS to share and celebrate. We are excited that Dr. David Burton of Dalhousie University has been named Fellow of the Society (see the write-up on David in this newsletter). David has been a stalwart fixture of our society and has played many important roles that have contributed to our success.

Rich Farrell (CSSS Western Councilor at U Sask.) and I have also been working closely with our Science Communication Intern, Samantha Fowler, who is drafting our society's first communication plan, including a social media strategy. Samantha is a Science Communication graduate student at Laurentian University, and with her expertise, it is exciting to see a plan emerge based on evidence-informed best practices as well as data she is collecting pertinent to the CSSS. Thank you to those of you who have engaged with Samantha by responding to her survey and/or participating in key-informant interviews. This includes our Graduate Student Representative, Gazali Issah, who has also helped immensely in bringing the perspectives of CSSS student members forward in this process. A draft plan will be circulated to membership in June, and Samantha will present to membership at our AGM.

An important part of the communications plan development has included working with the communications experts at the Soil Science Society of America (and Tri-Societies broadly). Susan Fisk and Rachel Legee were planning to run training sessions at our 2020 annual meeting, and although we also hope this will occur in person in 2021, they have committed to running virtual sessions over the summer. Notably, *Photography for Relatable Science*, is planned for August 10 at 1pm (EST), and following this training session, members will be particularly equipped to generate engaging soils content to be disseminated through our new and burgeoning social media presence! Save the date/time if you can, and more details will follow.



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President's Message (Con't)

Our AGM will be held virtually via Zoom on Tuesday June 23 beginning at 1pm EST. Among other exciting society business and Samantha's presentation, we will also hear from Dr. Richard Heck (U Guelph) who is committed to work towards a bid for the 2030 World Congress of Soil Science to be held in Toronto. Pending support from membership, we will propose that an ad-hoc committee be struck within the CSSS to work toward a strong proposal over the next few years.

I will circulate materials in advance of the AGM, and I hope you will be able to take part. Until then, on behalf of the CSSS, I wish everyone a safe and happy spring.

Sincerely,

Nathan Basiliko, Laurentian University, Sudbury, Ontario

CJSS Photo Contest

Dear graduate students,

As a follow-up to my first e-mail regarding the upcoming photo competition for the Canadian Journal of Soil Science (CJSS), details are listed below.

In collaboration with the CSSS council, the editor-in-chief (EIC) of the CJSS is looking for photographs representative of the journal (CJSS) and soil science as a whole. Photographs representing the different seasons (winter, spring, summer and fall) are encouraged. All submissions must meet the following specifications:

1. Image size and resolution: at least 8.5" x 11" at 300 dpi.
2. No collages; one single image only.
3. The photograph should be in focus and not blurry.
4. Manipulation and heavy editing are NOT required.
5. Image formats accepted are .jpg, .png, or.tif.

Details on where to submit, the deadline for submission, the announcement date for the winners and prizes will be given at the CSSS annual AGM on June 23, 2020 and posted to the CSSS website (<https://csss.ca/>) immediately after the AGM.

Gazali Issah, PhD Candidate
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Graduate Student Representative, CSSS
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Charlottetown 2020 - 2021 CSSS Annual Meeting



BUILDING BRIDGES AND CONNECTING SOIL PROPERTIES

WELCOME TO CHARLOTTETOWN, PRINCE EDWARD ISLAND

Dear 2020 CSSS participants, due to the COVID-19 pandemic, the 2020 meeting of the CSSS scheduled for June 21–25 in PEI has been cancelled/postponed.

We hope to see you in Charlottetown in 2021!

The efforts and expenses already made for the 2020 meeting will not be lost, but rather deferred to 2021. Accordingly we are grateful that the PEI organizing committee (led by Judith Nyiraneza and Scott Anderson) is committed to organize/host the meeting in 2021.

We have booked University of Prince Edward Island for 2021 CSSS meeting from June 6th to 10th, 2021 in Charlottetown. Please book the dates in your calendars.

A few related points:

- 1) Unless a refund is requested, registrations will automatically be deferred to the 2021 meeting. More details will follow.
- 2) Accordingly, there will be no 2020 Student Travel Awards to attend our society meeting (nor will there be student presentation awards); however nominations/applications for all other awards (e.g. CSSS Fellow) will still be accepted <https://csss.ca/awards-criteria/>

Thanks to everyone for their patience, understanding, and ongoing commitment to the CSSS, and again a huge thanks to the work and flexibility from the meeting organizers. On behalf of the CSSS Council, we wish everyone well during this trying and unprecedented time.

Judith Nyiraneza on behalf of the CSSS Meeting Organizing Committee.

2020 Fellow of the Canadian Society of Soil Science

On behalf of the 2020 CSSS Awards Committee (myself, Fran Walley, and Joann Whalen), congratulations to all of the 2020 award winners! Although this list of awards is a bit shorter than typical as we had to forego our 2020 student travel and presentation awards, there are still successes to celebrate!

First, a huge congratulations to Dr. David Burton from Dalhousie University who is our **CSSS Fellow** for 2020! More details on Dr. Burton and his many outstanding fellow-worthy accomplishments and society contributions can be found in the Award Section below. Thank you Dr. Burton and thanks to the nominators!

Second, although these undergraduate students had a very unusual end to their academic year, they were all recognized by their home departments as demonstrating excellence in soil science worthy of their nomination for the **CSSS Student Book Award**. Award winners will each receive a copy of [Soil Sampling and Methods of Analysis](#) (2nd Edition), published jointly by CSSS and CRC Press in 2007. Great job everyone!

Recipient

Hannah Friesen
Kiah Leicht
Jessica Thompson
Ramanpreet Brar
Marie Poulin-Ouellette
Obianuju Nwadike
Teal Randle
Sarah Low
Simon Corbeil
Alexandria Budgell
Guillaume Vigneault
Dalton Barraco

Home University

University of British Columbia
University of Alberta
University of Saskatchewan
University of Manitoba
McGill University
University of Toronto
University of Northern British Columbia
University of Guelph
Université Laval
Laurentian University
Université du Québec à Chicoutimi
Dalhousie University

Last, but not least, we have two successful applicants for the **CSSS-CJSS Student Travel Awards for International Soil Science Meetings**: Jessica Awrey from University of Guelph and Joanne Thiessen Martens from University of Manitoba. Travel restrictions permitting, both Jessica and Joanne are planning to attend the ASA-CSSA-SSSA meeting in Phoenix this fall. Congratulations Jessica and Joanne!

Although we aren't able to celebrate in person this year, we are very proud of all of our 2020 award winners and look forward to recognizing their accomplishments as part of the banquet at the 2021 CSSS meeting in PEI. Hope to see you all there!

Angela Bedard-Haughn
CSSS President-Elect and
Chair of the CSSS Awards Committee

IUSS Presidents Message to the Canadian Society of Soil Science

Dear members of the **Canadian Society of Soil Science**

On behalf of the International Union of Soil Sciences, I have the privilege and honor to convey the best greetings to all you on the occasion of the IUSS 96th Anniversary, to invite you to celebrate it by fighting to STOP SOIL DEGRADATION and by EDUCATING CHILDREN TO ACHIEVE IT.

The current pandemic and the wounds it has inflicted on humanity highlights not only all kinds of deficiencies and weaknesses at a global level but also the great value that the soil resource represents for the production of food that we have today access despite the health emergency.

It also teaches us what is the value of the work of all those scientists, agronomists, farmers, and field-workers who maintain agricultural production so that food continues to arrive on our tables, however, also forces us to reflect on what will happen if we do not act immediately to guarantee the sustainability of fertile soil.

Not only because our food depends on the soil, but also for all the ecosystem and cultural services that the fertile soil provides us to make life on Earth possible.

The fight against soil degradation is a titanic task that we must win so we can reach soil sustainability through its governance, and through the education that allows us to build a worldwide preservation culture.

However, to fight for a better world implies striving for deeper knowledge, and today it is necessary that Soil Sciences scientists are fully aware of this because knowledge will be the key for preventing the loss of fertile soil, which will be one of the hardest human challenges in the coming years.

To celebrate the IUSS 96th anniversary, I invite you to work together, joining efforts to face with more force this huge challenge both as scientific, teachers, and professionals, as well as by educating children and young people to preserve fertile soils in collaboration with the IUSS's educational project that will be coming soon.

Finally, I invite all you to remain in touch with us by Twitter in [@IUSS_ORG](https://twitter.com/IUSS_ORG)

As the President-Elect of IUSS, my will is fully committed to this task as one of my most important goals, I want, and I would like to work on this with all you belong to the Soil Science Society of Canada

Sincerely,

Laura Bertha Reyes Sánchez May 2020

2020 Fellow of the Canadian Society of Soil Science



David Burton has been named a Fellow of the Canadian Society of Soil Science for 2020. David is a Professor in the Department of Plant, Food, and Environmental Sciences in the Faculty of Agriculture of Dalhousie University.

David has been closely involved with the CSSS including service on the executive as Secretary (1995-1999) and as President-Elect, President, and Past-President in 2013-2015. He has also been active in the Canadian Journal of Soil Science as an associate editor (2009-2020) and more recently as co-editor for special editions.

Beyond these contributions anyone who has attended the annual meetings of the society also knows that David is highly engaged with the work of the society at all times and is passionate about its continuing success. David has always been a very friendly face at the annual meetings and has helped to make the society such an inclusive and welcoming organization.

Another very important aspect of his contribution to the society involves his leadership role in organizing the annual meetings of the society on three occasions (2000, 2005, and in the future in 2022). For most people the huge amount of work around organizing a meeting leads to a private vow of "Never again!" so David's continuing contributions to our annual meetings are truly laudable.

Overall David's publication record is very impressive, with 111 peer-reviewed papers and 11 book chapters. Many of his papers are widely cited: for example, he has ten papers with over 100 citations - a truly impressive number for soil science.

His fundamental research on N cycling and gaseous emissions of N has a special emphasis on processes that are active during winter - a question of obvious relevance in Canada and a very novel area of study when he began his career. His most-cited article is his ground-breaking 1994 article with Eric Beauchamp on the in-profile concentrations of N gases during freeze-thaw cycles. He has continued to build on this early contribution throughout his career, and over-winter emissions are now firmly established as a significant component of annual emissions in Canada.

David has also made major contributions to many industry and governmental panels, ensuring that the research work done by soil scientists in Canada informs decision making by the private and public sectors. On three occasions (2000, 2018, and 2019) David has made high-level presentations on the state of soil science in Canada to the Agriculture and Forestry Sub-committee of the Senate of Canada. He has participated in important federal committees such as the Canadian Agri-Food Research Council's Expert Committee on Greenhouse Gases and Carbon Sequestration and on federal panels on greenhouse gases and agriculture. More recently David has served on two major NSERC committees. The breadth of his contributions at this level are very impressive given the high level of research and teaching activity he has maintained through the years.

David has made a major impact on students through his undergraduate teaching and graduate student supervision throughout his career. He brings his passion for soil science to the classroom and the field, and inspires students to consider soil science as a career.

There are few soil scientists in Canada who have made such a multifaceted contribution to our discipline. David's career exemplifies service at a very high level in research, teaching, and broader contributions to society.

2020 SSSA Annual Meeting

2020 ASA, CSSA & SSSA Annual Meeting
November 8-11 | Phoenix, AZ



We are excited to share details about the 2020 ASA, CSSA, SSSA Annual Meeting with you! Your contributions to our sciences are appreciated and we want to thank you, our journal authors and reviewers. We encourage you to further your career, become a member with ASA, CSSA, SSSA, and join us in Phoenix!

With the Annual Meeting seven months away, and based on the latest science, we continue planning for the Annual Meeting as scheduled, November 8-11, in Phoenix, Arizona. We are monitoring the daily developments and first and foremost are committed to a safe and healthy meeting. Updates will be sent to you and posted on our Annual Meeting website.

It's important to continue providing opportunities for you to disseminate your science, participate in professional development opportunities, and connect with invaluable face-to-face conversations. Therefore, to ensure a valuable and successful meeting, currently, our original planning process and deadlines are the same. If you're considering submitting an abstract, submit by May 27 to receive the discounted rate. The final deadline to submit is June 9, and you have until August 27 to edit your submission.

Save Your Spot

If you don't have the detail you need to submit an abstract, note that abstracts at this point are "holding slots" that reserve your spot in the desired session. The Program Planning Committee will require a title, full payment, and just enough abstract content to ensure your submissions are placed in proper sessions. Research details and more solid content can be added through August 27th for the print and USB versions of the program. Edits to your abstracts after August 27th will be reflected in the online/app versions of the program - even while onsite in Phoenix.

No-Risk Guarantee

If you find that you need to cancel later in the year, the Societies will offer full abstract fee refunds to make submission less of a risk for presenters.

In addition, we invite you to register today. To support our members, full registration fee refunds for the 2020 Annual Meeting will be available by request.

Become a member and receive valuable member benefits including:

- Save \$230 - \$510 on Early Registration Fees
- Save up to \$45 on Early Abstract Fees
- CSA News magazine and Online Library subscriptions
- Member Directories and Scientific Communities/Divisions of Interest
- Visit our membership pages to join and save: ASA | CSSA | SSSA

We look forward to seeing you in Phoenix in November!

<http://links.sciencesocieties.org/m/1/17115934/02-b20118-a0e738cab4774235bf374c1aa079e853/14/320/e8fb95fc-b03d-40ac-a4f8-8740cbde4de2>



CANADIAN SOCIETY OF SOIL SCIENCE
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