



CSSS Newsletter

MAY 2002

PRESIDENT'S MESSAGE

This is my last message as President of CSSS. Over the last ten months, I have been grateful for the support of Council and the assistance and encouragement from many members of our society. Although Council now only meets face-to-face at the Annual Meeting, there is much ongoing e-mail correspondence and business motions debated throughout the year. Let me relate some of our challenges and accomplishments during 2001-2002 and their significance to the health of our society.

- Our society held a very successful Annual Meeting (CSSS 2002) in Banff. The interaction between CSSS and CGU was a showcase of our goal to forge links with other like-minded societies and organizations. I would like to thank the organizers of CSSS 2002 in Banff (Gary Kachanoski, David Chanasyk, Barbara Kishchuk) for their dedicated work.
- To encourage both student membership and involvement in CSSS, the annual student membership fee was removed for both Canadian undergraduate and graduate students, and non-Canadian graduate students studying in Canada. This in part has resulted in a significant increase in the proportion of students in the society and provides us with a more informed profile of who, what, and where in regards to the future of Soil Science in Canada.
- The restrictions of West vs. East for the election of both President-Elect and Graduate Student Representative were removed. This will provide a more open selection procedure and potentially allow more candidates to run for these Council positions.
- A Council position was created for the Canadian Journal of Soil Science Editor. This will provide a stronger link between CSSS and the CJSS, the science arm of CSSS, and the Publisher (Agricultural Institute of Canada).
- The CSSS Web Page (www.csss.ca) was extensively redesigned and updated to provide an improved information service to members and to inform the world 'who we are'. A maintenance plan was formulated to allow regular updates and changes, and the Western Councillor given the task of providing liaison between Council and the Web Master.
- A highlight of the past year as been the successful launch of the Soil and Environmental Dictionary. This CSSS sponsored publication is the fruit of several years editorial activity and involved many society members and associated colleagues. Thank you to lead editor, Ed Gregorich, for his leadership and to Denis Angers for overseeing the French translation of soil and environmental terms. We are already reaping significant royalty benefits.
- Travel awards were created to assist attendance at the IUSS conference in Thailand (three \$1000 awards) and to help student members attend and present a paper/poster at CSSS 2002 (twelve \$500 awards).

I wish to remind members that next years Annual Meeting (CSSS 2003) will be held August 10-13, 2003 in Montréal, Québec. This will be a joint meeting with 4th International Conference on Mycorrhiza (ICOM) and Canadian Society of Agronomy. The organizing committee is Jim Fyles, Denis Angers, Guy Mehuys and Willie Hendershot.

Finally, I extend best wishes to new Council members Ed Gregorich (President-Elect) and Frank Larney (Western Councillor), and thank retiring Western Councillor, Barbara Kishchuk, and retiring Past-President Gary Kachanoski for their dedication to Soil Science. It has been an honor to serve as the 48th President of CSSS.

Martin Carter



AWARDS

CSSS Travel Awards to CSSS Annual Meeting

We are very pleased to support of total 12 students, each one \$500, for their participation to our annual meeting in Banff. They are:

Mr. Saman Dharmakeerthi	University of Guelph
Ms. Maren Oelbermann	University of Guelph
Ms. Amber McCoy	University of Guelph
Mr. Richard Jeannotte	McGill University
Mr. Guillaume Larocque	McGill University
Mr. Nathan Basiliko	McGill University
Mr. Tim Spedding	McGill University
Ms. Claudette Bois	McGill University
Mr. Kristian Stephens	University of Manitoba
Mr. Babasola Ajiboye	University of Manitoba
Ms. Shawna McMahon	Oregon State University
Ms. Brooke Bennett	University of Alberta

CSSS Overseas Travel Awards to Attend IUSS Congress

The following members of our Society will receive \$ 1000 each, in support of their participation in the 17th World Congress of Soil Science in Bangkok Thailand. In addition to their regular paper presentation, they will also act as the ambassadors of the CSSS during the 17th World Congress.

- Dr. S. S. Malhi Agriculture Canada, Melfort Research Station, Saskatchewan,
- Yash Kalra, Natural Resources Canada, Canadian Forest Services, Edmonton Alberta, and
- Mr. Jacques Langlois, Graduate Student McGill University under the supervision of Dr. Guy Mehuys.

The Awards Committee for the year 2002 consisted of Drs. John Dormaar, Eric Beauchamp and A. R. Mermut (Chair).

CSSS Student Membership Triples

The student report will be short and sweet for this newsletter but I do have great news to report! In the past year we have welcomed more than 50 new student members, bringing our grand total to 78. It's very encouraging to see so many up and coming researchers involved in a national society.

If any of you have recently received awards or would like to share news with the rest of the council, please forward your information and I will include it in the next newsletter.

Vimy Glass

The SRICANSOL Project

The SRICANSOL project is moving forward into year 2 of Phase III. The activities for this phase are focused on developing a digital map and data base for the Dry Zone, which occupies nearly 2/3rds of the country. Although, this area continues to have some restrictions due to internal security issues, sampling of several benchmark soil sites is underway in safe areas. In addition, the historical soils data available for this area is being correlated and edited for use in the new data base. At the end of the project, Sri Lanka will have one of the most up-to-date, country-wide, digital soil map and data bases in the world.

A second aspect of the project is also underway, to increase awareness at the local and regional level of the importance of soil and good land use planning for agricultural activities to enhance food production and sustain environmental quality. Numerous rural workshops are being planned, and several have already taken place, to provide information to local agricultural specialist, school teachers, and farmers and their families. These workshops are often held in conjunction with field tours where participants get to examine soil profiles first hand, and discuss existing land use and soil conservation practices.

Soil handbooks describing the soils in each of the Wet, Intermediate and Dry Zones are being produced. The English version for the Wet Zone has been published and the Intermediate Zone is currently in press. These handbooks are also being translated for publication in Tamil and Sinhala. This activity is being done in consultation with the department of education so that the content and quality will comply with their requirements for use as school text books.

SRICANSOL involves participants from nearly all walks of society including professional staff in Universities, and graduate students, Governments staff, both research and extension, private industry, the major commodity groups, tea, coconut, rubber, etc, teachers associations, farm groups, and the general public. The project is widely recognized and supported as indicated by the high attendance at workshops.

Soil and Environmental Science Dictionary

The Soil and Environmental Science Dictionary published by CRC Press in conjunction with the Canadian Society of Soil Science is available to CSSS members at a 50% discount off the price (\$69.95 USD). Members can order the dictionary directly from CRC Press (see details below). To ensure they receive the discount CSSS members will need to mention the promotional code 281BC no matter what method they use to order the book.

CRC Press
2000 N.W. Corporate Blvd.
Boca Raton, Florida 33431-9868
Tel: 1 800-272-7737
Fax: 1 800-374-3401
email: orders@crcpress.com

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ELECTION RESULTS

This year we had two positions (President-elect and Western Councillor) which came open. We wish to welcome and express our appreciation to Dr. Ed Gregorich who was acclaimed President-elect and Dr. Frank Larney who was elected Western Councillor.

Dr. Ed Gregorich

President-Elect

Dr. Ed Gregorich was raised in a dairy farming area in Wisconsin. He attended the University of Saskatchewan where he obtained a B.Sc. in 1982 and M.Sc. in 1984. He received a Ph.D. in soil science from the University of Guelph in 1989. As a research scientist with Agriculture and Agri-Food Canada's Research Branch in Ottawa he has focused his work on soil biochemistry, particularly carbon and nitrogen cycling in soil. He is currently program chair of the Soil, Water, Air and Crop Production Systems section in the Eastern Cereal and Oilseed Research Centre. Dr. Gregorich has edited three books, served as associate editor for the *Journal of Environmental Quality* from 1995-2001, and written more than 60 papers in refereed journals and 18 book chapters. He served as a member of the Intergovernmental Panel on Climate Change and as Lead Author for the North American chapter in the IPCC Third Assessment Report, 2001. He has been a longstanding and active member of CSSS and served as Eastern Councillor on the CSSS Council from 1991 to 1993. Dr. Gregorich is married to Joan Gregorich, a science writer and teacher, and has three sons whose interests tend more to rugby and football than to science.



Dr. Frank Larney

Western Councillor

Dr. Frank Larney grew up on a farm in Co. Monaghan, Ireland and has a B.Agr.Sc. (General Agriculture, 1979), M.Agr.Sc. (Soil Science, 1981) and a Ph.D. (Soil Science, 1985) from The National University of Ireland (University College Dublin). He worked at The Agricultural Institute in Carlow, Ireland from 1981-86 on soil physical properties affecting sugar beet production. He then moved to the United States to take up a Post-doctoral position in the Agronomy Dept. at Purdue University (1986-88) looking at conservation tillage systems for corn.



In 1989, Frank joined Agriculture and Agri-Food Canada in Lethbridge, Alberta as a Research Scientist in Soil Conservation. His research has focussed on conservation tillage and sustainable cropping systems; wind erosion processes and prediction; erosion effects on soil quality and productivity and more recently composting of feedlot manure and the use of compost in cropping systems and soil reclamation. In 1997-98, Frank spent a transfer-of-work with the New South Wales Dept. of Land and Water Conservation in Australia.

Frank has played an active role in the Alberta Soil Science Workshop Organizing Committee is currently an Associate Editor for the *Journal of Environmental Quality*.

The Calendar - Forthcoming Meetings

June 10-13, 2002

13th International Symposium of the International Scientific Center of Fertilizers (CIEC)
Tokat, Turkey
<http://ozel.gop.edu.tr/ciec2002>

June 20-22

Soil and Environmental Chemistry Workshop
AOAC International
Pacific Northwest Regional Section Annual Meeting
Tacoma WA
ykalra@nrca.gc.ca
<http://www.aoacpacnw.com>

June 23-28, 2002

International Conference on Computational Methods in Water Resources
Delft, The Netherlands
<http://cmwr2002.citg.tudelft.nl>

July 6-10, 2002

Advances in Soil Structure Research. International Conference and Workshop, Brudenell River Resort, Prince Edward Island.
Email: carterm@em.agr.ca

August 14-20, 2002

17th World Congress of Soil Science, Bangkok, Thailand. T: 662 940 5787; Fax: 662 940 5788;
o.sfst@nontri.ku.ac.th
<http://www.17wcss.ku.ac.th>

August 18-21, 2002

North American Blueberry Research and Extension Workers Conference (NABREW)
Halifax, NS
<http://www.nsac.ns.ca/conferences/nabrew/>

August 25-30, 2002

5th International Acid Sulfate Soil Conference, Tweed Heads, NSW, Australia
<http://www.out.at/acidsoil>

September 3-6, 2002

International Conference on Soils under Global Change - a Challenge for the 21st Century
Bucarest, Romania
Tel +40 1 224 1790; Fax +40 1 222 5979
e-mail r.enache@icpa.ro

October 10-12, 2002

Soil Erosion Patterns: Evolution, Spatio-temporal Dynamics and Connectivity
Muncheberg, Germany
khelming@zalf.de

October 26-29, 2002

3rd International Symposium on Sustainable Agro-Environmental Systems
Cairo, Egypt
www.agro.narss.org

November 10-14, 2002

67th Annual Convention of the Indian Society of Soil Science
Jabalpur, India
www.indiansocietyofsoilscience.org

November 26-30, 2002

Second International Agronomy Congress,
New Delhi, India
www.agrosoc.com

January 13-17, 2003

8th International Symposium on Soil and Plant Analysis
Cape Town, South Africa
www.isspa2003.com

August 10-13, 2003

CSSS Annual Meeting joint with the Canadian Society of Agronomy and the 4th International Conference on Mycorrhiza
Montréal, Québec
www.congresbcu.com/icom4

The CSSS Newsletter is published three (Fall, Winter and Spring) times per year. Contributions from members are welcome. Please send contributions by email to the Eastern Councillor.

In Memoriam

Dr. Richard Protz

Dr. Richard Protz was born and raised in rural Saskatchewan. He obtained both his Bachelor of Science in Agriculture (1956) and Master of Science (1959) degrees from the University of Saskatchewan; the latter under the supervision of the late Dr. Roland St.Arnaud. While in Saskatchewan, Richard participated in the early stages of semi-detail soil mapping of the province. In 1965, he obtained Doctor of Philosophy degree from Iowa State University; his major professor was Dr. Frank Reiken. Following a short term with Agriculture Canada in Ontario, Richard was appointed Assistant Professor by the University of Guelph in 1966; in 1968 he was promoted to Associate Professor and in 1974 to Professor. Richard dedicated his professional life to the study of soils, constantly focussing on the application of new technologies to the subject. In this sense, he was a strong proponent of the utilization of remote sensing, quantitative image analysis and geographic information systems to understand soils and landscapes. Richard was also very involved in international development, both in research and teaching. He supervised over 25 M.Sc. and Ph.D. students, and authored or co-authored numerous technical publications. Following his retirement in 1999, he was made Professor Emeritus by the University of Guelph (2000) and continued to be very active until his sudden passing on November 17 of 2001.

Richard is survived by his beloved wife Olga, seven children, two grandchildren, and many dear friends. Richard's keen intellect, his love of God and natural creation, and his lifelong passion for his work in Soil Science were an inspiration to all who knew him – he will be greatly missed.

Dr. Roland St. Arnaud

Roland St. Arnaud was raised in Big River, Saskatchewan and was the second person to ever go to university from his home town. After serving in the Air Force during World War II, Roly attended the University of Saskatchewan, graduating with a BSA in 1948 and an M.Sc. in 1950, both in Soil Science. He completed his PhD at Michigan State University in 1961. The subject of his PhD research on the genesis of a Chernozemic to Luvisolic sequence of soils was one of the landmark papers included in the first special publication of the Soil Science Society of America, Selected Papers in Soil Formation and Classification. Roly worked with Agriculture Canada from 1950 until 1956, then joined the Department of Soil Science at the U of S, where he worked for 33 years, becoming a Professor Emeritus in 1989. Roly's life work was in pedology, with emphasis on soil mineralogy, especially carbonates, quantitative assessments of soil formation, and classification. Eighteen M.Sc. and Ph.D. students studied with him over the years. Roly was a very much appreciated professor at his University who continued to contribute the Department and College long after his retirement.

Dr. St. Arnaud served the CSSS very well, serving as editor of the CJSS, as President in 1978, and was elected a Fellow in 1979. Roly became a Fellow of the Agricultural Institute of Canada in 1998. Unofficially, as a completely bilingual person he maintained a strong connection with Franco-phone colleagues in Quebec, and worked with Professor Roger Baril as a student.

Roland St. Arnaud passed away in February 2002, leaving to celebrate a life well-lived, his wife Therese, three children, five grandchildren and many dear friends in the Soil Science community right across Canada.

CSSS - Business Office

The CSSS Business Office: membership concerns, updated CSSS membership list, CJSS journal subscriptions, society publications.

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CSSS - Online

See the CSSS web site homepage, <http://www.csss.ca> for Newsletters, Council, Business Office, Annual Report, Events Page, Careers, Student, CSSS '02, important Links, Information and details for application for CSSS Awards and CSSS Travel Awards and much more.

CANADIAN FOREST SERVICE RESEARCHER RECEIVES COMMUNITY AMBASSADOR AWARD

On March 14, CFS-Northern Forestry Centre Soil Chemist Yash Kalra was presented with a Community Ambassador Award by Economic Development Edmonton (EDE). He received the award for his work organizing and chairing the 7th International Symposium on Soil and Plant Analysis, which was held in Edmonton in July 2001, the first time in its 12-year history that the event was held in Canada. The EDE Ambassador Awards recognize individuals or organizations that make significant contributions to Edmonton's economy and quality of life. The awards are presented at EDE's Annual Luncheon every March.

Montréal 2003

The **2003 CSSS meeting** will be held in **Montréal on August 10-13**. We will meet jointly with the Canadian Society of Agronomy and the 4th International Conference on Mycorrhiza (ICOM4). Preparation is already well underway. We will be holding joint symposium and sessions with both CSA and ICOM4. So plan to participate in beautiful and lively summertime Montréal.

Agricultural Effects on Ground and Surface Waters: *Research
at the Edge of Science and Society*

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