



PRESIDENT'S MESSAGE

As the year nears its end, I would like to update the membership on several items. But first, let me thank all of the individuals who made contributions to the Society over the past year, including: the members of Council, in particular, Cindy Grant, Paul Bullock, Barbara Cade-Menun and Bert VandenBygaart who are completing their terms; Steve Sheppard, who continues to do an outstanding job running our Business Office; Craig Drury and his editorial team, who produce the Canadian Journal of Soil Science; and all of the members who published papers in the CJSS or attended the Annual General Meeting in San Antonio this year. Such contributions make our Society a strong organization and community.

The annual meeting held with the Soil Science Society of America in San Antonio was a success. CSSS members were involved in organizing several sessions and made numerous presentations. Although we do not have exact numbers of CSSS members in attendance, we exceeded the 120-person-capacity of the room where our awards banquet was held, and, unfortunately, we had to turn members away. Congratulations, again, to Cynthia Grant and Jean Caron on being awarded Fellows. Also, congratulations to the recipients of the C.F. Bentley Award and the President's Award – the selection of these awards recipients could not be made until after the awards banquet, and are being publicly acknowledged for the first time in this newsletter. Thank you to Barbara Cade-Menun and Gordon Price who organized the meeting; it was a lot of hard work and is much appreciated.

Planning for upcoming meetings is well underway. In June 2012, CSSS will meet jointly with the Association québécoise des spécialistes en sciences du sol (AQSSS) in Quebec, and it is certain to be another successful and enjoyable meeting in la belle province. At our AGM in San Antonio, we confirmed plans to meet with the Manitoba Soil Science Society (MSSS) in Manitoba in the summer of 2013. Members are encouraged to consider potential venues for the meeting of CSSS in 2014; a decision will have to be made on the location of that meeting when we meet next June.

Over the past few years, work has been underway to revise the Society's Rules and Bylaws. The Rules Committee, consisting of Cynthia Grant, Craig Drury and myself, has circulated a draft proposal to the membership for consideration. We have recently learned that Industry Canada has changed the law for incorporated not-for-profit organizations, and I am in the process of working through the implications for our Rules and Bylaws. The final proposal will be sent to the membership in the next couple of months through the Secretary and will be voted on.

The CSSS continues to participate in the restructuring of the Agricultural Institute of Canada (AIC). Cynthia Grant has been representing the Society in this process, and will do so as part of the new AIC Advisory Council until the end of this year. In the future, a volunteer from the membership will be sought to serve in this position as a member-at-large. Under the new structure, this Council advises the AIC Board. Richard Heck was nominated by CSSS and appointed by the AIC to serve on the new AIC Board, so the Society is well represented within AIC.

The CSSS has been a member organization of the Canadian Societies of Geophysical Sciences (CSGS) since it was formed in 2007. The CSGS is undergoing an expan-



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sion of membership and developing its functions. I have been representing CSSS in these discussions and will do so for the coming year.

The Society has been in the fortunate financial position to entertain proposals for special projects. As funds permit, Council has decided to provide support to extraordinary initiatives that benefit the Society and its members. This year, Council received and approved two proposals for special projects. CSSS will provide financial support (\$1,000 per year for five years) to Annemieke Farenhorst as a *NSERC Chair for Women in Science and Engineering* – congratulations Annemieke! The purpose of this Chair position is to promote women in science and engineering, including soil science. Annemieke will work with CSSS on related initiatives. CSSS will provide \$4,300 to AIC to cover the differential costs of having images in the CJSS Special Issue on the *Soils of Canada* published in colour. This will ensure the highest quality of publication for what will serve as Canada's definitive resource on pedology.

And, a final, personal note. At the awards reception in San Antonio, an individual whom I've known since very early in my career came up to me and told me he was proud of me. I have thought about this a lot since. Apart from my mother, I do not recall anyone saying that they were proud of my professional accomplishments, although they may have shown it in ways other than words. And, I am certain that I have not told many, if any of my staff and students that I am proud of them, and I should have. In general, scientists can be a pretty stiff bunch, but I encourage you to let others know when you are proud of them, it will make our Society a better community.

*Dave Lobb
 President*

SRICANSOL Project

Wins National Award for Excellence in Agricultural Research

The SRICANSOL project, the Twinning Project between the Soil Science Societies of Sri Lanka (SSSSL) and Canadian Soil Science Society (CSSS) was selected for the National Award for Excellence in Agricultural Research by the Ministry of Agriculture, Sri Lanka. The project titled "Development of a Soil database for sustainable land management of Intermediate Zone of Sri Lanka" was awarded the Third prize by the Prime Minister of Sri Lanka Hon. D.M Jayaratne on 25th August 2011. The team members from SSSSL include Prof. Ranjith B. Mapa and Darshi Kumaragamage from Faculty of Agriculture, University of Peradeniya, Mr. A.R. Dassanayake and G.G.R. de Silva from the Irrigation Department, and Dr. H.B. Nayakekorale and Shifaya Marikkar from the Department of Agriculture. The CSSS was represented by Prof. Tee Boon Goh from University of Manitoba and Mr. Robert G. Eilers. The selection of the project for the award reflects the recognition of the work done by the SRICANSOL project with funding from Canadian International Development Agency (CIDA) through Agriculture Institute of Canada (AIC)



Prof. Ranjith Mapa receiving the award from Hon. Prime Minister of Sri Lanka

In Memoriam

Remembering Dr. David Stuart Stevenson

(Born January 23, 1924, Virden, Manitoba; Died June 28th, 2011, Penticton, BC)

A veteran from the World War 2 era recently completed his life in Penticton, BC after long and fruitful contributions to society and soil science. David Stevenson was born on the Canadian prairies and developed a strong interest in “slipping the surly bonds of earth” which led to his departure from high school prior to graduation and early entry into the RCAF in time to participate in the momentous events of World War 2. Like many of his generation, his war years were to have a profound effect on his life. It was in Birmingham at an ice-skating rink that he met his future wife Doreen. Just 21 at the end of the war he stayed on in Europe for another year, piloting refugees home from various corners of the war torn continent. These experiences were subsequently to be a source of both great comfort and discomfort during his life. On one of his postwar flights into Russia, he'd struggled to control a small aircraft as Cossacks danced with great joy and vigour in the hold upon their imminent return to mother Russia. About 60 years after the events, he was invited to Jersey in the Channel Islands for memorial Second World War activities where he was thanked by a passenger whom he flew home to the Jersey Channel Islands as a 3 year old child. Perhaps it was a scientist's insistence upon evidence based information that fuelled his fury towards modern holocaust deniers after his contact as a pilot with starving survivors of the Nazi concentration camps.

Repatriated to Canada, David, after an initial period working in a meat-packing plant in Vancouver, was able to take advantage of the post war optimism and drive for social improvement and return to school for continued education. Despite never having formally completed high school, he went on to complete a BSA (soil science) at The University of British Columbia in 1951, an MSc at Oregon State University in 1956 and a Ph.D. at the same university in 1963. Following short work terms with BC Tree Fruits, Agriculture Canada in Swift Current Saskatchewan (1956-57) and Oregon State University, he settled into a research career with the federal government which spanned about 30 years at Research Stations in both Lethbridge (1962-66) and Summerland. (1966-1989). His research centered on plant performance in response to water availability and he was active during the establishment years of trickle irrigation in the Okanagan valley. Dr. Stevenson was a leading expert on irrigation in the Okanagan Valley and was passionate about science. His research into developing effective irrigation systems had an immeasurable benefit to the agricultural community and water suppliers alike. He held memberships in the American Society of Agronomy and in Canadian, American and International Soil Science Societies. He also served on the National Committee on Agrometeorology for six years and on three task forces for the Okanagan Basin Water Study during the 1960s and 1970s. He authored or co-authored more than 80 research and technical papers and was Associate Editor, Canadian Journal of Soil Science, for six years. He served for more than a decade (1978 until his retirement in 1989) as Head of the Soil Science and Agricultural Engineering section, during which time the groundbreaking Grape Growing Atlas of BC was published. Always prepared to support the activities of fellow scientists, he was also a long time site representative of the Professional Institute of the Public Service of Canada, attending his last meeting in 2010 at the age of 86! His research activities extended internationally with stints in Israel and Guatemala. He was able to revisit European airports while attending scientific meetings to observe, no doubt with some satisfaction, the re-emergence of infrastructure after the devastation of World War 2.

His contribution to society was not restricted to science, as he and Doreen were able to raise two fine children, Paul and Kathy, and provide remarkable guidance and assistance to 4 grandchildren and 4 great-grandchildren. Furthermore he served as President of the Penticton Curling Club and as an umpire for the Penticton Little League. In this later role he was able to fulfill some of the passion he felt for his beloved St. Louis Cardinals which extended back to the days of Dizzy and Daffy Dean and the 'gas-house gang' of the pre-war years. The editorial pages of the Penticton Herald will be diminished by the cessation of David's many and provocative letters to the Editor. Penticton senior citizens will no longer be enlivened by David's presence on the Executive of the Drop-in- Centre, as a boater, fisher, golfer and concerned scientist.

CSSS Awards—2011

The awards program for 2011 is now complete. Two of our distinguished members (Dr. Cynthia Grant and Dr. Jean Caron) were elected Fellows, eight students were awarded travel grants to attend our annual meeting in San Antonio, and eight students were selected by their departments to receive the CSSS Undergraduate Book Awards. These award winners were recognized at our awards ceremony in San Antonio.

The student presentation awards were handled a little differently this year. They are usually given at our banquet at the annual meeting. But this was not possible because of the format of the joint CSSS/SSSA meeting and because our awards ceremony and reception was held on Monday evening. Student members attending a Canadian or foreign university were eligible for the award. In total, close to 30 presentations were judged and the results listed below. All students are commended for the high quality of their presentations. The poster judging committees were composed of Barbara Cade-Menun, Craig Drury and Bert VandenBygaart for the posters, and Cindy Grant, Joann Whalen and Frank Larney for the oral presentations

I would like to thank everyone who was involved in the various aspects of the awards program this year, and in particular, the members of the awards committee, former CSSS Presidents Craig Drury and Dan Pennock.

Our awards program is a significant part of the CSSS commitment to Canadian soil science. By recognizing our distinguished colleagues and encouraging student participation at our annual meeting, we aim at ensuring excellence in our discipline and its long-term development.

*Denis Angers
President-Elect & Chair of the Awards Committee*



Photo: Students who have been awarded travel grants to attend the CSSS/SSSA joint meeting in San Antonio. Photo taken at the awards ceremony in San Antonio.

C.F. Bentley Award for Oral Presentation

This Award was initiated in 1983 to encourage and recognize excellence in oral presentations by students at the CSSS Annual Meetings. It honours [Dr. Fred Bentley](#) who was CSSS President in 1956-57 and inducted as a CSSS Fellow in 1973.

First place:	Tyrel Hemsley	University of Alberta
Second place:	Lindsey Andronak	University of Manitoba
Third place:	Alison Murata	University of Manitoba

Presidents Award for Poster Presentation

This award was established in 1992 to foster excellence in student poster presentations as a means of disseminating research results at the CSSS Annual Meetings.

First place:	Sogol Rasouli	McGill University
Second place:	Nina Craig	Virginia Tech University
Third place:	Mervin St. Luce	McGill University

2011 CSSS Student Book Awards

This award recognizes undergraduates at Canadian Universities who demonstrate excellence in Soil Science.

Daniel Roy Dyce	University of Guelph
Kathryn Lepp	University of Manitoba
Jeff Liebert	University of British Columbia
Rosemarie Allen	McGill University
Angela Mahe	University of Alberta
Courtney Kosty	University of Saskatchewan
Thomas Morier	Université Laval
Shannon O'Keefe	Univ. of Northern British Columbia

2011 CSSS Student Travel Awards

This award was established in 1991 to promote student attendance at the CSSS Annual Meetings and these travel awards are available to any CSSS graduate student member.

Katelyn Congreves	University of Guelph
Tyrel Hemsley	University of Alberta
Alison Murata	University of Manitoba
Lindsey Andronak	University of Manitoba
Mervin St. Luce	McGill University
Anaïs Charles*	McGill University
Kelly Knetemen	University of Alberta
Amanda Taylor	University of Manitoba
Amy Gainer*	University of Alberta
Tim Philpot	University of British Columbia

*Declined

Fellow 2011 Dr. Cynthia Grant

Dr. Grant conducted research on nutrient management and soil fertility in crop production since beginning her M. Sc. degree in 1980. At that time, she has worked on a wide range of prairie crops (wheat, barley, flax, canola, field pea, sunflower, soybean, durum wheat, alfalfa) and a range of macro- and micro-nutrients (N, P, K, S, Mg, Ca, Zn, Cl, Se).

Dr. Grant leads national research with AAFC, university and provincial scientists, funded by industry and government. Dr. Grant's research is practical and used in extension, training and provincial and state recommendations and presentations to producer groups across western Canada, in Europe, S. America, Asia, USA and Australia.

Cynthia's career has been very productive. She has published 116 scientific journal articles on nutrient management including invited review papers on diversified cropping systems for the American Society of Agronomy, managing for low cadmium levels in crops for the International Conference on the Biogeochemistry of Trace Elements, nitrogen management in reduced tillage systems for the European Journal of Soil Science and P fertility management for the Canadian Journal of Plant Science.

She has also co-authored chapters on soil fertility management in dryland agriculture and sulphur management for Soil Science Society of America monographs and has co-edited a book on Integrated Nutrient Management published by Haworth Press. Dr. Grant has been recognized internationally for her work on nutrient management, being awarded the International Fertilizer Industry Association Award (Paris), the Robert E. Wagner Award (PPI-Atlanta), the Fluid Fertilizer Foundation Researcher of the Year Award (Phoenix) and the Manitoba-North Dakota No-Till Non-Farmer of the year award. She is also a member of the International Fertilizer Industry Association Advisory committee, and the North American advisory committee for the International Plant Nutrition Institute. She has served as the leader of the Land Management Program and the NAHARP Trace Element Indicator for Government of Canada. She has also served on the editorial board of several scientific journals and served as Associate Editor of the Journal of Environmental Quality, Canadian Journal of Soil Science, and Canadian Journal of Plant Science. Annually, she reviews approximately 10 papers and chapters. Dr. Grant is a Fellow of the Canadian Society of Agronomy and the American Society of Agronomy. She was President of the Canadian Society of Soil Science in 2010.



Photo: Dr. Cindy Grant receiving her award from Dr. Don Flaten

Fellow 2011 Dr. Jean Caron

Dr. Jean Caron is a professor in the Department of Soil Science and Agri Food Engineering at Laval University. Dr. Caron has received his Bachelor of Science in Agriculture from Laval University in 1983, a M. Sc. from the same institution in Soil Science in 1987 and a Ph.D. in Soil Physics in 1991 from the University of Guelph. His research work is highly recognized by the international scientific community because of its quality and capacity to bring highly innovative solutions to important problems pertaining to water and soil management, as well as sustainable development in agriculture. This international recognition is clearly expressed through the numerous engagements to collaborate to international events, and symposia as guest speaker, as well as partner on different projects. His work on growing media is at the basis of norms on physical properties being used at the national and international levels as well. His work on cranberry irrigation has contributed to new irrigation setpoints, used by the whole cranberry industry, worldwide, which generated important water savings and yield improvements. In recognition for his contribution to science, Dr. Caron has recently been awarded a NSERC industry Chair in precision irrigation at Laval University. He has authored or coauthored more than 70 scientific papers, 85 reports and extension papers and given more than 200 conferences at different symposia or meetings. He has supervised or co-supervised 33 graduate students and 4 postdoctoral fellows. He owns 12 patents and has received for himself or as a member of a group a total of 22 international, national or provincial awards and prizes. Dr. Caron was awarded the CSSS Soil Science for Society Award in 2009.



Dr. Jean Caron receiving his award from Dr. Dave Elrick

Canadian Society of Soil Science Treasurer's Report

Paul Bullock

Canadian Society of Soil Science Annual General Meeting, October 17, 2011
San Antonio, Texas

Financial Reports for 2010

CSSS finances in 2010 were very close to budget amounts overall (Table 1), except that the funds set aside to digitize the society's financial records were not utilized. That project is still outstanding and needs to be completed.

CSSS Operating Funds Income and Expenses

Total income in 2010 was very close to budget (Table 1) with slightly higher than budgeted membership payments balancing slightly lower than expected Trust Fund royalties. Trust Fund income has declined the past 2 years from the high level in 2008, when the release of new publications increased royalty payments.

Expenses in 2010 were basically close to budget for all but the digitization costs mentioned above (Table 1). As a result, income exceeded expenses by almost \$3,800. However, if the \$4,000 budgeted for digitization had been spent, the income and expenses would have been close to the balance projected.

CSSS Balance Sheet for Trust and Operating Accounts

Equity in the CSSS Trust Fund increased by more than \$14,000, from \$312,773 to 327,161 (Table 2). The net increase in Trust Fund equity after deducting expenses was 4.6%, down from 2009 but still close to the target rate of 5% annual growth recommended by the Finance sub-committee (Paul Bullock, Don Flaten, Cindy Grant, Mel Webber). As of December 2010, the fund held approximately 32% of its assets in equity funds and mutual funds, which is within the target of 30 to 35% that was recommended. The majority of the Trust Fund (almost 68%) is held as a series of various bonds with interest rates ranging between 4.25% and 5.53% and staggered maturity dates from September 2011 through August 2017. As the bonds mature, new issues will be sought for bonds maturing in the 2018 to 2021 time period and that pay a minimum of 5% interest.

The CSSS saving account balance at more than \$52,000 represents a buffer of more than a year of typical CSSS expenses. The CSSS remains financially healthy.

Budget Proposed for 2012

Note that the cost for digitizing the financial records is still unknown and still needs to be undertaken in 2011. There will also be an ongoing cost to maintaining a digital archive of financial records which has been reflected in the 2012 budget. In 2011, the CSSS will be spending more on the AGM in San Antonio and has also advanced funds to book facilities for the 2012 AGM in Quebec. However, it should also be noted that the Saskatoon 2010 meetings generated an unprecedented return of more than \$17,000 for CSSS. These funds were received in 2011. At the time that the 2011 budget was constructed (Table 3), the details of the 2010 meeting and revenues were unknown, so no income was projected. This will likely keep the CSSS income and expense statement balanced for 2011, despite the expenses above.

The 2012 budget shows a small deficit (Table 3). Income will be higher if there is a positive return from the 2012 AGM in Quebec. However, there is no guarantee that the meeting will generate revenue and even if it does, the funds may not be returned prior to the end of 2012. A small deficit would not be a problem for CSSS.

The Trust Fund currently owes the operating account just over \$2,300 and the amount owing will probably grow again in 2011. Since the operating accounts are healthy, it may be advisable to let the amount owing build to a significant level, then transfer the funds owed to the operating account by the Trust in a large lump sum that could be used either for a large one-time initiative or to cover an unexpected deficit.

Financial Reports for 2010

Table 1. CSSS Income & Expense Statement for Jan. 1 to Dec. 31, 2010 and Historical Years

	2008	2009	2010	2010
	----- Actual -----			Budget
Income				
Membership & Publication Fees				
Membership & publication fees collected by cheque	\$ 6,558.86	\$ 6,005.21	\$ 5,235.53	
Membership & publication fees collected online	\$ 13,274.74	\$ 17,733.59	\$ 20,694.73	
Net Membership & Publication Fees	\$ 19,833.60	\$ 23,738.80	\$ 25,930.26	\$ 24,000.00
Conference Income	\$ -	\$ 11,192.20		\$ -
Income for Trust Received into Operating Account				
CNH and BNY trust deposits	\$ 3,126.20	\$ 2,108.00	\$ 2,090.00	
Publication royalties earned	\$ 6,320.54	\$ 4,999.35	\$ 4,102.02	
Total Income from Trust	\$ 9,446.74	\$ 7,107.35	\$ 6,192.02	\$ 7,400.00
Other Income	\$ 1,123.75			\$ 500.00
Charitable Donations	\$ 272.00	\$ 295.00	\$ 60.00	\$ 600.00
Interest Earnings on SICU Chequing Account	\$ 14.39	\$ 14.86	\$ 3.07	\$ -
Interest Earnings on SICU Savings Account	\$ 1,451.97	\$ 706.12	\$ 785.68	\$ 800.00
Transfers from Trust to Operating Account	\$ -	\$ -	\$ -	
Total Income	\$ 32,142.45	\$ 43,054.33	\$ 32,971.03	\$ 33,300.00
Expenses				
Operating Expenses				
Office Contract/Expenses	\$ 6,972.52	\$ 7,102.52	\$ 6,546.35	\$ 8,000.00
Newsletter/Proceedings	\$ 2,216.14	\$ 2,617.49	\$ 2,855.40	\$ 2,500.00
AGM /Student Reception	\$ 2,850.00	\$ 356.55	\$ 862.59	\$ 500.00
Council Travel	\$ -	\$ 995.16	\$ 652.95	\$ 1,000.00
AIC Dues	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
IUSS dues	\$ 1,618.32	\$ 1,373.41	\$ 1,428.84	\$ 1,800.00
Other Operating Expenses	\$ 60.00	\$ 60.00	\$ 361.74	\$ 500.00
CSSS and Soils of Canada website	\$ -	\$ 8,040.00	\$ 924.00	\$ 500.00
Digital Financial Records	\$ -	\$ -	\$ -	\$ 4,000.00
Student Travel Awards	\$ 3,500.00	\$ -	\$ -	\$ -
SPORG fees for students, fellows	\$ 36.06	\$ -	\$ -	\$ -
Total Operating Expenses	\$ 18,253.04	\$ 21,545.13	\$ 14,631.87	\$ 19,800.00
Publications Fees Paid (CJSS, CJPS, CJAS, Agri-week)	\$ 5,631.94	\$ 5,945.06	\$ 5,089.10	\$ 4,500.00
Expenses Payable by Bentley and Publications Trust				
- Bentley Speaking Award	\$ 1,200.00	\$ 1,000.00	\$ 1,500.00	\$ 1,000.00
- President's Poster Award	\$ 1,000.00	\$ 1,000.00	\$ 1,400.00	\$ 1,000.00
- Student Travel Award	\$ 2,500.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00
- CSSS Conference Travel Award	\$ -	\$ -	\$ -	\$ -
- Undergraduate Book Award	\$ 478.37	\$ 870.48	\$ 583.18	\$ 1,000.00
Total Expenses Payable by Trust	\$ 5,178.37	\$ 8,870.48	\$ 9,483.18	\$ 9,000.00
Total Expenses	\$ 29,063.35	\$ 36,360.67	\$ 29,204.15	\$ 33,300.00
Net Income Over Expenses/(Loss)	\$ 3,079.10	\$ 6,693.66	\$ 3,766.88	\$ -

Financial Reports for 2010 (continued)

Table 2. CSSS Balance Sheet for Dec. 31, 2010 and Historical Years

1. CSSS Trust Fund

	Dec. 31/08	Dec. 31/09	Dec. 31/10
Assets			
CIBC Wood Gundy (cash & equivalents)	\$ 3,176.74	\$ 7,084.66	\$ 660.60
Fixed Income Investments (e.g., bonds)	\$ 275,843.84	\$ 233,674.27	\$ 223,322.94
Equities	\$ -	\$ 49,668.70	\$ 54,086.90
Mutual Funds/segregated funds	\$ 12,818.63	\$ 21,389.87	\$ 51,426.25
Total Assets	\$ 291,839.21	\$ 311,817.50	\$ 329,496.69
Liabilities			
Net Funds Payable to Operating*	\$ (2,718.72)	\$ (955.59)	\$ 2,335.57
Total Liabilities	\$ (2,718.72)	\$ (955.59)	\$ 2,335.57
Total Equity in Trust	\$ 294,557.93	\$ 312,773.09	\$ 327,161.12
Change in Trust Fund Equity for Year		\$ 18,215.16	\$ 14,388.03
Approximate Distribution of Equity			
Bentley Trust (85%)	\$ 250,374.24	\$ 265,857.13	\$ 278,086.95
Publications Trust (15%)	\$ 44,183.69	\$ 46,915.96	\$ 49,074.17
Total	\$ 294,557.93	\$ 312,773.09	\$ 327,161.12

* Note Regarding Net Funds Payable from Trust to Operating			
Trust Income Received into Operating	\$ 9,446.74	\$ 7,107.35	\$ 6,192.02
Trust Expenses Paid by Operating	\$ 5,178.37	\$ 8,870.48	\$ 9,483.18
Net Funds Payable to Operating	\$ (4,268.37)	\$ 1,763.13	\$ 3,291.16
Accumulated Payable from Prev. Yr.	\$ 1,549.65	\$ (2,718.72)	\$ (955.59)
Current Accumulated Payable	\$ (2,718.72)	\$ (955.59)	\$ 2,335.57

2. CSSS Operating Accounts

	Dec. 31/08	Dec. 31/09	Dec. 31/10
Assets			
Sunova Credit Union chequing acct	\$ 883.09	\$ 2,854.80	\$ 3,348.65
Sunova Credit Union savings acct	\$ 44,194.55	\$ 49,486.85	\$ 52,272.53
Sunova Credit Union surplus shares	\$ 127.39	\$ 160.39	\$ 160.39
Sunova Credit Union common shares	\$ 505.00	\$ 565.00	\$ 625.00
Accounts receivable from trust (net)	\$ (2,718.72)	\$ (955.59)	\$ 2,335.57
Total Assets	\$ 42,991.31	\$ 52,111.45	\$ 58,742.14
Liabilities			
Sunova CU Uncashed cheques	\$ -	\$ 571.35	\$ 84.00
Total Liabilities	\$ -	\$ 571.35	\$ 84.00
Total Equity in Operating Accounts	\$ 42,991.31	\$ 51,540.10	\$ 58,658.14
Change in Operating Account Equity for Year		\$ 8,548.79	\$ 7,118.04

3. Overall Equity for CSSS (Trust + Operating)

	Dec. 31/08	Dec. 31/09	Dec. 31/10
Overall Equity for CSSS (Trust + Operating)	\$ 337,549.24	\$ 364,313.19	\$ 385,819.26
Change in Overall Equity for CSSS for Year		\$ 26,763.95	\$ 21,506.07

Financial Reports for 2010 (continued)

Table 3. CSSS Proposed and Historic Budgets plus Historical Income and Expenditures

	2009 Actual	2010 Actual	Approved 2010 Budget	Approved 2011 Budget	Proposed 2012 Budget
Income					
Membership and Publication Fees	\$23,739	\$25,930	\$24,000	\$24,000	\$24,000
Conference Income	\$11,192	\$0	\$0	\$0	\$0
Income from Trust Received into Operating Account	\$7,107	\$6,192	\$7,400	\$7,000	\$7,000
Other Income	\$0	\$0	\$500	\$0	\$0
Charitable Donations	\$295	\$60	\$600	\$300	\$200
Interest Earnings on Chequing and Savings Accounts	\$721	\$789	\$800	\$800	\$800
Transfers from Trust and Retained Publications Earnings	\$0	\$0	\$0	\$0	\$0
Total Income	\$43,054	\$32,971	\$33,300	\$32,100	\$32,000
Expenses					
Operating Expenses					
Office Contract/Expenses	\$7,103	\$6,546	\$8,000	\$8,000	\$8,000
Newsletter/Proceedings	\$2,617	\$2,855	\$2,500	\$2,500	\$3,000
AGM / Student Reception	\$357	\$863	\$500	\$3,000	\$1,000
Council Travel	\$995	\$653	\$1,000	\$2,700	\$1,000
AIC Dues	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
IUSS dues	\$1,373	\$1,429	\$1,800	\$1,600	\$1,600
Other Operating Expenses	\$60	\$362	\$500	\$500	\$500
CSSS and Soils of Canada websites	\$8,040	\$924	\$500	\$1,500	\$1,500
Digital Financial Records	\$0	\$0	\$4,000	\$0	\$500
Student Travel Awards			\$0	\$0	\$0
Total Operating Expenses	\$21,545	\$14,632	\$19,800	\$20,800	\$18,100
Publications Fees Paid (CJSS, CJPS, CJAS, Agri-week)	\$5,945	\$5,089	\$4,500	\$6,000	\$6,000
Expenses Payable by Bentley and Publications Trust					
- Bentley Speaking Award	\$1,000	\$1,500	\$1,000	\$1,000	\$1,000
- President's Poster Award	\$1,000	\$1,400	\$1,000	\$1,000	\$1,000
- Student Travel Award	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000
- CSSS Conference Travel Award	\$0	\$0	\$0	\$0	\$0
- Undergraduate Book Award	\$870	\$583	\$1,000	\$1,000	\$1,000
Total Expenses Payable by Trust	\$8,870	\$9,483	\$9,000	\$9,000	\$9,000
Total Expenses	\$36,361	\$29,204	\$33,300	\$35,800	\$33,100
Net Income Over Expenses/(Loss)	\$6,694	\$3,767	\$0	-\$3,700	-\$1,100

Canadian Journal of Soil Science Editor's Report

The CJSS had a very promising year with a record number of submissions in 2010 (168) as well as an increase in our impact factor from 1.02 in 2009 to 1.12 for 2010. The turn-around times have also been reduced from ~ 91 days in 2010 to the current 12 month average of 53 days for the first contact with authors. In 2010, over 53% of the submissions were from outside Canada. We will be publishing 4 Special Issues in 2011 and are in discussion with potential Guest Editors for 1-2 Special Issues for publication in 2012.

In September 2010, we switched from OSPREY to ScholarOne and the transition went very smoothly due primarily to the excellent support provided by both Tim Fenton and Laurie Scott at the AIC journal office. Their help, dedication and commitment to our journal are very much appreciated.

I would also like to express my sincerest appreciation to Dr. Joann Whalen, the Special Issues Editor. Her work load has been very high as she has handled 6 Special issues/sections in 2010 and 2011. I am also very grateful to the Dr. Martin Chantigny, an Associate Editor who completed his term in 2010. We are very fortunate to have 6 new Associate Editors join the CJSS Editorial board in 2011 (Dr. Nicolas Bélanger, Dr. Richard Engel, Dr. Claudia Goyer, Dr. Newton Lupwayi, Dr. Paul Sanborn and Dr. Noura Ziadi). The following is the 2011 CJSS Editorial board:

Editor: **Craig F. Drury**
Special Issues Editor: **Joann Whalen**

Associate Editors:

J. (Lito) M. Arocena	Paul Sanborn
Nicolas Bélanger	Bing C. Si
David Burton	Steve Siciliano
Jean Caron	Jeff S. Strock
Scott X. Chang	Mario Tenuta
Denis Curtin	A. (Bert) J. VandenBygaart
Richard Engel	Claudia Wagner-Riddle
Annemieke Farenhorst	Xueming Yang
Claudia Goyer	Noura Ziadi
Newton Lupwayi	Francis Zvomuya
W. D. (Dan) Reynolds	

Assistant Editor: **O. Brian Allan**

The following changes were supported at a recent Scientific Journals committee (SJC) meeting.

- Open Access to published papers has been decreased from 2 calendar years to obtain a copy of the paper without a subscription to the previous 12 months.
- The fees for a paper to have immediate Open Access have been reduced from \$1,000.00 to \$750.00.
- Review papers will automatically have Open Access upon publication.
- The 1st place CSSS Bentley and President Award winners will have their publications costs in CJSS for their winning paper covered by the Agriculture Institute of Canada (AIC) as long as the paper is submitted within 12 months after winning the award.

Journal Status

- We have had 102 papers submitted to CJSS so far this year (as of October 31, 2011) of which 10 are Special Issue papers.
- There were 168 submissions to CJSS in 2010 and 98 were regular issue submissions and 70 were submissions to 5 Special Issues/Sections. In 2010, for the 156 papers that have reached a decision (October 31, 2011), 57% of the papers have been accepted, 36% have been rejected and 7% have been withdrawn. These numbers are similar to the 2009 outcomes (53% acceptance, 41% rejection and 6% withdrawn).
- There has been an increasing number of papers submitted to CJSS from outside Canada. In the last 5 years the number of submissions from outside Canada has almost doubled from 28% in 2006 to 53% in 2010. In 2010, 78 submissions were from Canada, 43 from China, 12 from USA and the remaining 35 papers were from 20 other countries. In 2010, there were 59 papers published in CJSS including 53 regular issue papers, 5 papers in a special section and 1 review paper.
- Over the last 12 months since we switched to ScholarOne, the number of days to the first contact with the author by the AE or Editor of regular issue papers has decreased from ~91 days (2010) to 53 days and the average amount of time to a final decision also decreased from ~159 days (2010) to 127 days. This is a substantial improvement with the migration from OSPREY to ScholarOne. These changes may also be due in part to the decrease in reviewers' response time from 2 months to 6 weeks as well as a decrease in authors' response time from 3 months to 6 weeks.
- The impact factor (IF) for CJSS has also been increasing. In 2009, the IF was 1.023 and the 5-yr IF was 1.172 with a half life which has been consistently greater than 10 years. In 2010, the IF is now 1.12 with a 5-yr IF of 1.20.

Special Issues/Sections

In 2010 the following Special Section was published:

1. Measurement and Processes in Frozen Soils (Guest Editors Suzanne Allaire and Daryl Dagesse 4 papers published).

In 2011 and/or early 2012, the following Special Issues/Sections were/will be published:

1. Flow and Transport in Layered Soils (Guest Editors: Bing Si, Myles Dyck and Gary Parkin – 7 papers published).
2. Mitigation of Phosphorus Losses from Agriculture (Guest Editors: Tiequan Zhang and Keith Reid - 15 papers published).
3. Soils of Canada (Guest Editors: Dan Pennock, J. (Lito) M. Arocena and Scott Smith – 12 papers).
4. Soil Quality and Management of World Mollisols (Guest Editors: Xiaobing Liu, Ted Huffman, Bing Si and Richard M. Cruse - 30 submissions)†.
5. Land Reclamation (Guest Editor: Anne Naeth – 24 submissions)†.

† These SI's will be published in late 2011 or early 2012 depending upon the timing of a few papers that are still in review.

Future Issues/Sections (in discussion with perspective Guest Editors)

1. Physics, chemistry and ecology of frozen soils
2. Biological processes in cold and frozen soils.

Craig Drury
CJSS Editor

Les sols sous un climat en évolution : amis ou ennemis? Congrès conjoint SCSS – AQSSS – 3 au 8 juin 2012

Le prochain congrès de la Société canadienne de la science du sol (SCSS) se tiendra conjointement avec l'Association québécoise de spécialistes en sciences du sol (AQSSS) du 3 au 8 juin 2012. Le congrès se déroulera dans le décor enchanteur du Manoir Saint-Castin (<http://www.hotelsvillegia.com/fr/manoir-st-castin>), sur les rives du Lac Beauport, à 25 km au nord du centre-ville de Québec. Le dimanche 3 juin, une session d'information et de formation sur les nouvelles technologies de cartographie numérique des sols sera organisée et offerte à tous les membres de la SCSS et de l'AQSSS par le réseau canadien des terres (RCT; <http://www.csss.ca/index.php/clrn>). Cette session sera suivie de trois journées de conférences scientifiques, débutant avec une session plénière, le lundi matin, sous le thème « Les sols sous un climat en évolution : amis ou ennemis ? » où une série de conférenciers invités viendront nous faire part de leurs constats concernant le rôle que peuvent jouer les sols dans les changements climatiques. Les présentations en anglais et en français, orales et sous forme d'affiche sont bienvenues. Les sessions de présentations se termineront avec un banquet conjoint le mercredi soir. Une tournée terrain conclura le congrès les jeudi et vendredi et vous permettra de découvrir divers sols se développant le long d'un gradient climatique qui vous mènera des basses-terres du Saint-Laurent à la forêt mixte (jour 1), puis jusqu'à la forêt boréale et la taïga (jour 2). Une page WEB bilingue sera mise en ligne en novembre sur le site de l'AQSSS (www.aqsss.com) afin de fournir toutes les informations relatives au programme scientifique, aux lignes directrices pour les présentations et à l'inscription.

Le comité organisateur vous convie à cette rencontre riche en information et en nouveautés relatives à la science du sol au Canada et à l'échelle de la planète.

Martin Chantigny

Président du comité organisateur (martin.chantigny@agr.gc.ca)

Dates importantes :

- **Novembre 2011:** Première annonce à tous les membres de la SCSS et de l'AQSSS; page Internet bilingue en ligne.
- **15 janvier 2012:** appel de titres et résumés.
- **15 mars 2012:** date limite de soumission des titres et résumés.
- **3 mai 2012:** date limite d'inscription à prix réduit.
- **3 mai 2012:** date limite de réservation des chambres (sans frais : **1-877-845-5344**).

Soils in a changing climate: Friend or foe? CSSS – AQSSS Joint Meeting – 3 to 8 June 2012

The next meeting of the Canadian Soil Science Society (CSSS) will be held jointly with the Association québécoise de spécialistes en science du sol (AQSSS), June 3 to 8, 2012. The meeting venue is a wonderful resort located on the shore of Lac Beauport, Saint-Castin Manor (<http://www.hotelsvillegia.com/en/manoir-st-castin>), 25 km north of downtown Québec. On Sunday, June 3rd, a special session of information on tools for digital soil mapping will be organized and offered to all CSSS and AQSSS members by the Canadian Land Resource Network (CLRN; <http://www.csss.ca/index.php/clrn>). That session will be followed by three days of scientific presentations. The opening plenary session, "Soils in a changing climate: Friend or foe?" will feature a series of invited speakers to present results and discuss about the possible role of soils in climate change. Oral and poster volunteer presentations, in French and English are welcome. A joint banquet will close the scientific sessions on Wednesday night. A 2-day field trip will conclude the meeting with the unique opportunity to see soils developing under a climate gradient, from the Saint-Lawrence Lowlands to the mixed forest (Day 1), then from the boreal forest to the taiga (Day 2). A bilingual Web page will be posted in late November on the AQSSS site (www.aqsss.com) with regularly updated information on the scientific program, presentation guidelines and registration.

The organizing committee is looking forward to see you in Lac Beauport. We invite you to attend this meeting and get the most up-to-date knowledge on soil science in Canada and around the globe.

Martin Chantigny

Chair of organizing committee (martin.chantigny@agr.gc.ca)

Important dates:

- **November 2011:** First announcement to CSSS and AQSSS members; bilingual Web page on line.
- **15 January 2012:** Call for titles and abstracts.
- **15 March 2012:** Deadline for submitting title and abstract.
- **3 May 2012:** Early bird registration deadline.
- **3 May 2012:** Deadline for booking hotel rooms (call free: **1-877-845-5344**).



Announcing the 2nd International Organic Fruit Research Symposium

Organic Fruit 2012: From Research to Practice

June 18-21, 2012 -- Leavenworth, Washington, USA

SAVE THE DATES! START PLANNING!

Sponsored by International Society of Horticultural Science

Organized by Washington State University

Organic fruit production and marketing has expanded dramatically worldwide in the past decade. How much bigger can it grow? What are the barriers to it reaching its full potential, what research is underway to advance its growth, and what more is needed? What are the impacts of the organic fruit production and marketing system on society and the environment, and what are its implications for policy makers?

Come learn and share your research and experience on the current and future state of organic fruit production and marketing. Participation is encouraged for all types of organic fruit – pome and stone, berries, grapes and citrus, temperate to tropical. At this research Symposium, located in a major organic tree fruit and berry producing region, we will examine and discuss crop production, plant protection, genetics, soils and nutrition, post-harvest, markets, policy, and economics, and the impacts of organic fruit on the environment and people. We will feature speakers on key trends that are likely to shape the organic fruit sector in the next decade and the research underway that will help keep it viable. There will be a dedicated plant pathology track (both pre-harvest and post-harvest) because of the important barrier diseases represent in many regions of the world. Poster sessions will allow researchers to share their findings in more detail. A tour of local organic farms and fruit companies will be offered. This event is a follow-up to the 2008 organic fruit conference in Vignola, Italy, the 2006 organic pome fruit conference in Nova Scotia, Canada, and the four North American Organic Tree Fruit Research Symposia (2001-2007).

Washington State is a leading producer of high-quality organic apples, pears, cherries and berries that are marketed nationally and globally through retail distribution chains, as well as locally at farmers' markets and food co-ops. The state encompasses both arid to semi-arid climates with fewer disease problems, as well as a wetter maritime climate with more disease problems. From large to small farms, Washington State is successfully producing organic fruit, with organic apples comprising nearly 10% of the area of all commercial apples in the state.

The Symposium will be held in the city of Leavenworth, nestled in the eastern foothills of the beautiful Cascade Mountains, which separate wetter western Washington from the drier east. Centrally located on the edge of the main fruit-growing regions of the state, Leavenworth is about 3 hr driving time from Seattle-Tacoma International Airport. Tourism opportunities abound, from wine tasting, to white-water rafting, to hiking. Three national parks are within a half-day's drive, as well as Puget Sound and the Pacific Ocean.

Who should attend? This Symposium will be attractive to researchers, extension professionals, growers and consultants, suppliers, and retailers who wish to share the latest developments in the world-wide organic fruit supply chain. Research presentations will predominate (through oral and poster sessions) along with discussion periods and networking opportunities. A call for abstract submissions will be released soon, with submissions due in December. Accepted papers will be published as a volume of *Acta Horticulturae*. Registration details will be available in the near future. Check the symposium web site (under development) for further details as they become available <http://www.tfrec.wsu.edu/pages/organicfruit2012/>. For more information, contact David Granatstein, Washington State University granats@wsu.edu.

Please feel free to post this announcement and share it with interested colleagues.

IRRIGATED CROP PRODUCTION UPDATE – 2012

January 31 and February 1, 2012
Lethbridge Lodge Hotel, Lethbridge, Alberta

“Maximizing the Productivity and Profitability of Irrigated Agriculture”

Organized by: Alberta Agriculture & Rural Development & Farming Smarter

CONFERENCE REGISTRATION

Early registration fee (including GST) is \$85.00/person prior to January 18, 2012. After January 18, 2012, registration is \$100.00/person if space is available. Registration fee includes coffee breaks and lunches. Receipts will be issued on day of conference. Registration fee MUST BE PAID to be considered a registered participant.

ACCOMMODATION

For registrants wishing to stay overnight, the Lethbridge Lodge is offering a reduced rate of \$100.00 per night (single or double occupancy). To take advantage of this rate, please phone the Lethbridge Lodge directly at 1-800-661-1232, and specify the conference name “Irrigated Crop Production Update”. Registration is limited to the first 300 registrants.

Please return registration form and payment by January 18, 2012.
Contact Bev at 403-381-5171 with Visa or Mastercard information.

Topic Areas:

Tuesday, January 31, 2012

ROTATION MANAGEMENT
AGRONOMIC MANAGEMENT
PEST MANAGEMENT
IRRIGATION EQUIPMENT
IRRIGATED CROPS

Wednesday, February 1, 2012

WATER MANAGEMENT
FINANCIAL MANAGEMENT
LOOKING FORWARD

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