



PRESIDENT'S MESSAGE

PRESIDENT'S REPORT

A somewhat belated welcome to 2008. The CSSS Executive for 2008 is now in place and we have begun discussing a number of initiatives that we will be bringing to the membership at the meeting in Prince George.

Kudos first of all to the organizers of the very successful 2007 meetings in Duchesnay. The meeting was jointly organized by the AQSS and CSSS and was a great success in all respects – intellectual, social, and financial. Planning for this year's meetings in Prince George (6-10 July) is well in hand, as discussed elsewhere in this newsletter. We are also pleased to announce that our colleagues at the University of Guelph have kindly offered to host our 2009 meetings so we can keep our East-West alternation of meetings in place. We are also holding initial conversations with the organizers of Geo-Canada 2010 about participation in this earth sciences extravaganza.

While it is always important to focus on the day-to-day decisions that keep the society active it is also necessary at some stage to step back and look at the longer term prospects. The discussion at last year's Annual General Meeting under Gerry Nielsen's leadership highlighted some major challenges for the CSSS. First, and most importantly, the membership numbers are (at best) stagnant. Second, the annual income streams of the CSSS can (perhaps) cover the annual expenses but there are no funds left over for worthy CSSS-sponsored projects. This is exacerbated by the dwindling revenue from the trust funds that are used to cover the costs of student travel to the annual meetings and the student competitions that are held at the meetings.

The CSSS is not unique in its concern about its future. The recent article by Baveye, Jacobson, Allaire, Tandarich, and Bryant (2006) entitled "Whither goes soil science in the United States and Canada" (Soil Science 171: 501-518) identifies several worrying trends for soil science in the two countries:

- The number of undergraduate programs in soil science appears to have decreased greatly – this is certainly the case in Canada, where major programs in soil science have become quite rare.
- There appeared to be a very substantial drop in the number of graduate students in soil science between a 1992 survey and a follow-up 2004 survey.
- The number of scientific articles on soil-related topics increased greatly in the late 1980s and 1990s but the number of articles published by scientists affiliated with institutions closely identified with the discipline of soil

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science decreased from 23% in 1976 to 13% in 2003.

Both countries lack licensing procedures meant to insure that individuals who deal with soils have the competence that they need.

Certainly the picture in Canada is by no means catastrophic. Anyone who has attended the Annual Meetings in the past few years cannot help but be impressed by the number of new faces at the meetings and especially by the large and always enthusiastic group of graduate students. This was vividly emphasized at the Quebec City meetings where the CSSS Fellow and all six student award winners were all women- a scene that would have been hard to imagine in the CSSS that I joined in 1989. Overall the CSSS has very successfully weathered the changeover that occurred when the many fine soil scientists that were hired in the 1960s and early 1970s retired over the past 10 years. Many (but certainly not all) of their replacements are active in the society and have greatly rejuvenated it.

Nonetheless this year's executive and those in the next few years will have to continue to ensure that the CSSS remains relevant and healthy. The 2008 Executive is currently discussing the following issues so that we can bring focused suggestions to the Prince George Meetings:

The current revenue streams for the CSSS do not allow funding of any major (or for that matter minor) projects to "promote our craft and expand our horizon" (a quote from the Baveye et al. article). We are examining the possibility of a general membership fee increase and the possibility of requiring a membership fee by graduate students. The CSSS bylaws require that we circulate a notice of any possible fee increase by May 1 prior to its discussion and resolution at the Annual Meeting.

At a meeting last year in Calgary I was approached by several soil scientists working in the environmental consulting field about developing professional registration status for soil scientists. The discussion among the Executive thus far has not indicated widespread support of this approach but it should be discussed by the membership at our meeting.

We have to work very actively to increase our membership. In the next month the Executive will be approaching individuals to act as the CSSS liaison at their institutions. Ideally these folks would promote the CSSS as well as identifying new faces who could be individually solicited to join the CSSS.

The CSSS has had major book projects over the past decade that have both engaged the membership and enriched the society. I believe that it is important for the society to engage in this type of project, and would argue that a comprehensive Soils of Canada website (integrated with publication of review pieces in the CJSS) could serve this purpose. This is discussed in more detail in the report of the Pedology subcommittee of the CSSS in this newsletter.

The Executive looks forward to developing these ideas with the membership over the remainder of 2008.

Dan Pennock

Call for Award Nominations

CSSS Student Travel Awards

This award was established in 1991 to promote student attendance at the CSSS Annual Meetings and is available to any CSSS member graduate student. The award is \$500 and a maximum of 12 travel grants will be awarded. Please go to csss.ca/awards.html for more details on the application process and to download the appropriate form. All applications must be submitted as e-mail attachments or by FAX (902-893-1859) to Gordon Price, chair of the Awards Committee at gprice@nsac.ca by April 7, 2008.

CSSS Fellow Award

This is awarded to CSSS members with a distinguished record of accomplishment in Soil Science and service to the Society. Please go to csss.ca/awards.html for more details on the nomination process.

All nominations must be submitted as e-mail attachments to Gordon Price, chair of the Awards Committee at gprice@nsac.ca by April 7, 2008. Only the following formats will be accepted: Microsoft Word, Corel WordPerfect or Adobe PDF.

CSSS Honorary Membership Award

This is awarded to non-members who have rendered valuable or special service to soil science. All nominations, which are evaluated by the Awards Committee, must have the following documentation:

- * Name, address, telephone number, email address of the candidate.
- * One page letter briefly outlining the reasons for the nomination.
- * A brief résumé (< 3 pages) of the candidate indicating their service to soil science.
- * One page letter from each of three individuals supporting the nomination.

All nominations must be submitted as e-mail attachments to Gordon Price, chair of the Awards Committee at gprice@nsac.ca by April 7, 2008. Only the following formats will be accepted: Microsoft Word (2000 or lower), Corel WordPerfect, or Adobe PDF. Approval of this award must be a unanimous decision by the Awards Committee members. Please go to csss.ca/awards.html for more details on the nomination process.

If there is also a chance to mention that there are the following Student Presentation Awards at the upcoming CSSS conference in July:

The C.F. Bentley 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. The Award winner receives \$500, the first runner-up \$300, and the second runner-up \$200.

The President's Award was established in 1992 to foster excellence in student poster presentations as a means of disseminating research results at the CSSS Annual Meetings. The President's Award is: \$500 for the winner, \$300 for the first runner-up and \$200 for the second runner-up.

Canadian participation in the 10th International Symposium on Soil and Plant Analysis, Budapest, Hungary

The 10th International Symposium on Soil and Plant Analysis (ISSPA) was held at Hotel Mercure Buda in Budapest, Hungary, June 11-15, 2007 under the auspices of the Soil and Plant Analysis Council (SPAC). It was hosted by the Hungarian Academy of Sciences and the Research Institute for Soil Science and Agricultural Chemistry, Budapest. The theme of the symposium was *"Role of soil, plant, and water analysis in multifunctional agriculture and sustainability"*.

A number of highly regarded keynote speakers presented papers in seven plenary sessions. The voluntary papers were presented in seven poster sessions. The Welcome Reception on June 11 was a unique opportunity to renew old friendships and make new ones. The Symposium Dinner on June 14 on the Ship Millennium I, while cruising the magnificent Danube River, was a unique experience. Following the dinner, Donald Horneck, SPAC President, presented the prestigious J. Benton Jones, Jr. Award to John Ryan of Syria for his significant contributions to the development and advancement of soil and plant analysis.

About 130 scientists from 28 countries participated in this event. Including me, there were four Canadian participants; the other three were Robert Bradley (University of Sherbrooke, Quebec), Rigas Karamanos (Western Co-operative Fertilizers Limited, Calgary), and Noura Ziadi (Agriculture and Agri-Food Canada, Quebec). The Canadian scientists took active part in the symposium. I was one of the 10 overseas visitors (from Australia, Canada, Syria, and USA) on the Pre-Symposium tour on June 8-10. All four Canadians participated in the Mid-Symposium tour on June 13. I served as a coordinator for Poster Session No. 3 (Greenhouse and field methods in soil fertility and plant nutrition) and Robert coordinated Poster Session No. 4 (New products for improving the soil fertility) on June 12. Robert's plenary paper was entitled "Comparing soil quality in agro-forestry vs. conventional tillage systems based on the diversity, tolerance and resilience of soil microbial communities" (Simon Lacombe, Robert L. Bradley, David Rivest, Alain Cogliastro, and Alain Olivier). Rigas presented a paper on "The effect of long-term fertilization and placement of phosphorus on barley yields" (Rigas Karamanos and Gary Kruger). Noura presented two papers (1) Mehlich-3 soil phosphorus as determined by colorimetry and ICP (Noura Ziadi, Gilles Belanger, Bernard Gagnon, and Danielle Mongrain) and (2) Short-range variability of NO₃ and PO₄ sorbed on anionic exchange membranes (Michel C. Nolin, Noura Ziadi, and Athyna N. Cambouris). I was a member of the Symposium Organizing Committee and am a reviewer for the papers to be published in the Proceedings as a special issue of the *Communications in Soil Science and Plant Analysis*.

The Canadian scientists have participated in all the previous symposia and have been recognized by SPAC. I have the distinction of being the only scientist in the world to have participated in all the 10 symposia: Fresno, CA, USA (1989), Orlando, FL, USA (1991), Olympia, WA, USA (1993), Wageningen, the Netherlands (1995), Bloomington, MN, USA (1997), Brisbane, Australia (1999), Edmonton, AB, Canada (2001), Somerset West, South Africa (2003), Cancun, Mexico (2005), and Budapest, Hungary (2007). I received the J. Benton Jones, Jr. Award at the 3rd ISSPA in Olympia and Umesh C. Gupta was honoured with this Award at the 6th ISSPA in Brisbane. Canada hosted the 7th ISSPA in Edmonton on July 21-27, 2001. I had the honor and privilege of serving as SPAC President and Chair, Symposium Organizing Committee (2000-2002). R. Gary Kachanoski, President of the Canadian Society of Soil Science, welcomed the delegates. The Mayor of Edmonton proclaimed July 24, 2001 the "International Soil and Plant Analysis Day" in Edmonton.

The 11th ISSPA will be held in Santa Rosa, CA, USA at the Hyatt Vineyard Creek Hotel and Spa on July 20-24, 2009. Further information will be posted on our website (www.spcouncil.com). If there is one international meeting that you can go to in 2009, this is the one. David Kissel, Past President of the Soil Science Society of America, is the Program Chair (Email: dkissel@uga.edu).

Yash P. Kalra, Past President, Canadian Society of Soil Science, Canadian Forest Service, Edmonton, AB T6H 3S5; E-mail: ykalra@nrcan.gc.ca.

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*Full report was published in the *Bulletin of the International Union of Soil Sciences, Wageningen, the Netherlands (Bulletin 111, pages 31-32, November 2007)*: <http://www.iuss.org>.

Yash P. Kalra



Symposium Dinner on Ship Millennium I: Cruising the magnificent River Danube.

J. Benton Jones, Jr. Award Recipient,
John Ryan of Syria

Pedology Subcommittee Report
Prepared by Dan Pennock and Angela Bedard-Haughn
Soil Science, University of Saskatchewan

The Pedology subcommittee of the CSSS was formed at the Halifax meetings in 2005 with a three-part mandate:

- Improvement of the taxonomic classification system for Canadian soils through structured revision of the Canadian System of Soil Classification.
- Maintenance of contact with the international pedological community concerning new developments in soil genesis and classification.
- Compilation and dissemination of information about the genesis, distribution, classification, and wise use of Canadian soils.

Soils of Canada Website

The first priority that the subcommittee set for itself was the development of a Soils of Canada website to act as the major venue for dissemination of information about Canadian soils. Recently we received funding from the Capling Fund of the College of Agriculture and Bioresources for a CSSS-sponsored Soils of Canada site and planning for the site is currently underway. The overall vision is to develop a visually rich website on Canadian soils and to link the website content with review articles authored by preeminent Canadian pedologists on each Canadian soil order. These review articles will be published in the Canadian Journal of Soil Science. When completed the combination of website and review articles will provide a comprehensive electronic and print resource on Canadian soils that can be used throughout Canada.

Overall coordination of the site will be carried out by Angela Bedard-Haughn. Dan Pennock and Lito Arocena (UNBC) will be coordinating the web content and the development of the review articles. Frank Larney will provide the linkage with the CJSS, and Scott Smith (AAFC) will facilitate the inclusion of the soil survey/AAFC/NLWIS products into the website. We hope that this project will engage a wide group of Canadian pedologists and create an exciting resource for the next generation of soil scientists in Canada.

Pedology Special Session at Prince George Meetings

The Pedology Subcommittee is sponsoring a special session at the forthcoming Prince George meeting:

Dynamic Disciplines, Static Taxonomies. Significant advances have been made in ecological, pedological, hydrological, and geomorphological research that have challenged some of the fundamental tenets that underlie our understanding of soil genesis yet taxonomic systems of soil classification such as the Canadian System of Soil Classification (CSSC) have remained largely unchanged over the past 20 years or more. The objective of this oral session is to present and discuss examples of field soils that challenge the soil genetic concepts that underlie the CSSC and to suggest modifications to the CSSC that would allow these soils to be correctly classified. The session is designed to generate discussion that will form the basis for future work by the Pedology Subcommittee of the Canadian Society of Soil Science and papers based on early stage research are welcomed. For further information contact Dan Pennock (dan.pennock@usask.ca). Proposed presentation titles should be submitted by March 17, 2008 to both Dan Pennock (dan.pennock@usask.ca) and Brenda Kiland (kilandb@unbc.ca).

Field Handbook for Soil Description

Another initial priority of the subcommittee was a field handbook for the description of Canadian soils. Although some regions are well served by their existing handbooks, regions such as western Canada were much less so. At an early meeting Kent Watson identified that he was working on a manual for soil description and his brief summary of his manual follows:

Soils Illustrated - Field Descriptions

First Edition

E.K. Watson¹

Soils Illustrated - Field Descriptions – First Edition, graphically documents field procedures and describes how to fill in a detailed soil description form. The soil description form presented and the methods for filling it out are adapted from Ministry of Environment, 1980, *Describing Ecosystems in the Field*. *Describing Ecosystems in the Field* was compiled from the Land Resource Research Institute's (1978) *Manual for Describing Soils in the Field*. In compiling this chapter of *Soils Illustrated - Field Descriptions*, the following additional works were also consulted. Land Resource Research Institute, 1982, *Manual for describing soils in the field (Revised)*; Soil Classification Working Group, 1998, *The Canadian System of Soil Classification*; and Schoeneberger, P.J. et al. 1998, *Field book for describing and sampling soils*.

The manual is currently being printed on a laser printer by Kent Watson, through International Remotes Sensing Surveys Ltd, on 58lb double sided water resistant laser paper. The pages are compiled in a one inch 8.5 x 5.5 inch three ring binder. There are 259 colour photographs in the 180 page manual that illustrate all the field procedures in describing soils in the field. It also provides additional background information in some areas. There are 24 sections that illustrate such features as Horizon Designation, Coarse

Fragment Description, Soil Texture, Structure, Consistence, Soil Colour, Mottles, Roots, pH, Pores, Clay Films etc. Each section contains the field codes used to fill in the soils description form. These codes are summarized in an Appendix so they can be easily accessed in the field. This reduces flipping through pages of text to locate the code tables.

The manual cost is \$73.50 GST included plus shipping. An invoice will be sent with the manual with the actual shipping cost included when the manual is posted. Copies can be ordered through

Kent Watson

International Remote Sensing Surveys Ltd., 426 Azure Place, Kamloops, BC V2E 2R1

Email: kwatson@tru.ca Phone: 250 828-2020

All and all a busy time for the Pedology subcommittee. If you are interested in joining the subcommittee please contact Angela Bedard-Haughn at angela.bedard-haughn@usask.ca.

Biographies of New CSSS Executive Members

President –Elect: Gordon W. Price

Gordon W. Price currently holds the position of Innovative Waste Management Research Chair at the Nova Scotia Agricultural College. Born in Vancouver, B.C., Gordon has had the opportunity to travel extensively, as well as having lived in Costa Rica for several years. He received his BSc (Agriculture) from the University of British Columbia and MSc (Agroforestry Systems) from the University of Guelph. More recently, Gordon obtained his PhD (Soil Biochemistry and Microbiology) through the Department of Land Resource Science at the University of Guelph. He has worked on soil and water resource projects in Mexico and has served as Vice-President of the executive committee of the Soil and Water Conservation Society, Ontario. His research is directed towards the management of organic by-products from agriculture to provide added value while, at the same time, minimizing the risks of environmental contamination. He is currently leading research programs focused on the management and disposal of Specified Risk Materials, as well as on the monitoring of organic contaminants in soils receiving treated municipal biosolids. He is excited about the opportunity to serve the Society and its members.

Eastern Councillor: Noura Ziadi

Noura Ziadi is a research scientist in soil fertility and plant nutrition for AAFC since 1999 and an adjunct professor at Laval University since 2004. Noura received her bachelor (Agricultural engineer) from Tunisia where she was born. She obtained her MSc and her PhD from Laval University, Quebec, Canada. Her research and extension activities focus on fertilizer management, especially nitrogen and phosphorus, to improve their utilization while minimizing their negative impact on soil, water and air. *Noura a et aura un grand plaisir à servir la SCSS et chacun de ses membres!*

Graduate Student Representative: Maxime Paré

Maxime Paré was born in Saint-Ambroise-de-Kildare, Québec, Canada – a small town between Montréal and Trois-Rivières on the northern limit of the Saint-Laurent Valley – in 1982. Because he is passionate about agriculture, he decided to do his under graduate study in Agronomy at Laval University, Quebec City, Canada. Further, Maxime completed, during spring 2007, his M.Sc. in Soil Science at Laval University under the supervision of Dr Suzanne Allaire. He immediately moved to Saskatoon with his girlfriend (also PhD student in Soil Science) to begin his PhD under the supervision of Dr Angela Bedard-Haughn. His currently research is part of the “Climate impacts on Canadian Arctic Tundra (CiCAT)” program funded by the Government of Canada International Polar Year (IPY) program. He will be examining the relationship between soil organic matter quality and soil nitrogen dynamics, greenhouse gas emissions, and soil carbon dynamics/storage in Arctic ecosystems. Besides the Soil Science, Maxime likes playing baseball and hockey, fishing, and camping. In addition, he begins to appreciate some Saskatchewan’s sports such as curling, bowling, and of course football.

Maxime Paré est né en 1982 à Saint-Ambroise-de-Kildare, Québec, Canada. Saint-Ambroise-de-Kildare est un petit village situé entre Montréal et Trois-Rivières sur la limite nordique de la vallée du Saint-Laurent. Parce qu’il est passionné d’agriculture, Maxime a décidé d’étudier les sciences agronomiques à l’Université Laval à Québec. Par la suite, sous la supervision du Dr. Suzanne Allaire, il a complété au printemps 2007 une maîtrise en sol et environnement à l’université Laval après quoi, il a immédiatement déménagé à Saskatoon pour entamer un doctorat au département des sols de l’Université de la Saskatchewan sous la supervision de la docteure Angela Bedard-Haughn. Le projet de doctorat de Maxime fait partie du programme des « Incidences des changements climatiques sur la toundra de l’Arctique canadien » financé dans le cadre de l’Année polaire Internationale. Sommairement, son projet examine les relations entre la qualité de la matière organique des sols de l’Arctiques et : la minéralisation/immobilisation de l’azote du sol, les émissions de gaz à effet de serre et la séquestration du carbone dans le sol. En dehors de la science du sol, Maxime aime le baseball, l’hockey, la pêche et le camping sauvage. En plus, il commence à apprécier quelques sports plutôt populaires en Saskatchewan dont le curling, le bowling et, bien sûr, le football.

Graduate Student Representative's letter

March 2008,

Dear student members of the Canadian Soil Science Society,

It is with great honour to introduce myself to you as your new Canadian Soil Science Society (CSSS) Graduate Student representative. For the next two years, my mandate as your representative to the CSSS is as follows:

- Participate in council activities and vote on all motions brought to council.
- Promote and maintain communication between the Society and Canadian academic units involved in soil science education.
- Provide information on CSSS awards and annual meeting to students.
- Help to co-ordinate and plan student activities at the CSSS annual meetings.
- Contribute student news for each publication of the CSSS newsletter.
- Provide input as needed to Society publicity material.

However, I cannot achieve these goals without you and I invite you to send me your opinions, views, and expectations about the CSSS. Moreover, because the graduate students work alone and rarely interact with students from other university, I propose to create, throughout the CSSS website, a network chart of the student members. In addition, this chart should show the contact details, the research and/or specialization areas, and a discussions forum. This could stimulate and promote the interactions between students across Canada and improve the utility of the CSSS in the education process.

This mandate is extremely challenging and will be, I hope, constructive for the CSSS. For the moment, my main goal is to improve the communication between the students member of the CSSS. I invite you to be more involved in your soil association. Finally, your opinions and your point of views are always more than welcome. I am looking forward to see you this July in Prince George.

Sincerely,
Your Student Representative,
Maxime Paré
maxime.pare@usask.ca

Lettre du représentant des étudiants gradués

Mars 2008,

Chère(e) étudiant(e) membre de la société canadienne de la science du sol,

C'est un grand honneur pour moi d'être votre nouveau représentant étudiant de la société canadienne de la science du sol (SCSS). Pour les deux prochaines années, mon mandat consistera:

- *Participer aux activités du conseil d'administration de la SCSS et de voter aux propositions apportées.*
- *Promouvoir et maintenir une bonne communication entre la SCSS et les unités académiques canadiennes impliquées dans la science du sol.*
- *Fournir les informations aux étudiants (tes) concernant les bourses disponibles et les nouvelles de l'heure à travers les lettres envoyées aux membres.*
- *Aider à planifier et organiser les activités étudiantes à la conférence annuelle de la SCSS.*
- *Participer aux activités promotionnelles de la SCSS.*

Ce mandat ne peut toutefois être accompli seul. C'est pourquoi je vous invite à vous impliquer davantage en offrant votre opinion, votre point de vue et vos attentes face à la SCSS. De plus, parce que les étudiants et les étudiantes en science du sol travaillent trop souvent en vase clôt et que très rarement ils interagissent avec d'autres membres de d'autres universités, je propose de créer, en utilisant le site de la SCSS, une liste de contacts des membres de la SCSS. Cette liste devrait contenir : les coordonnées des membres, leurs domaines de recherche et un forum de discussion. Cela pourrait stimuler et promouvoir les interactions étudiantes interuniversitaires et développer davantage le rôle de la SCSS dans l'éducation des jeunes scientifiques en science du sol au Canada.

Ce nouveau mandat est pour moi très motivant et excitant. Pour le moment, mon principal objectif est de développer la communication à l'échelle nationale entre les étudiants et étudiantes membres de la SCSS. De plus, vous êtes fortement invités à vous impliquer davantage dans votre association. Vos opinions, vos points de vue et vos attentes face à la SCSS sont plus que les bienvenues. J'ai bien hâte de vous rencontrer à Prince George cet été !

Mes salutations les plus distinguées,

Votre représentant étudiant,
Maxime Paré
maxime.pare@usask.ca

CSSS 2008 Annual Meeting:
Frontiers of Soil Science

Hosted by the University of Northern British Columbia
Prince George, British Columbia
July 6 - 10, 2008

Pour la version Française, veuillez consulter l'adresse suivante : <http://resweb.res.unbc.ca/csss2008/frenchindex.htm>

Important Registration and Program Information:

Registration and on-campus housing reservation information and forms are available through the conference web site:

<http://resweb.res.unbc.ca/csss2008/index.htm>

Please note the following important dates:

- March 17:** deadline for submission of conference paper titles
April 21: deadline for early registration and submission of abstracts
June 25: deadline for conference registration and UNBC housing registration

Visit the conference Web site for complete details on title and abstract submission, and housing options.

We welcome oral and poster presentations on all aspects of soil science. In addition, members have proposed several theme sessions or symposia. Visit the conference home page for specific information on these sessions:

- **Forest Soil Carbon from a Pedological Viewpoint**
- **Frontiers in Soil Microbial Ecology and Processes**
- **Measurement and Instrumentation in Frozen Soils
Dynamic Disciplines, Static Taxonomies**

We've planned an exciting array of field trips for July 10th, with soils and landscapes that will appeal to a wide range of interests. Full details, including pictures, are available on the conference Web site.

- **Challenges of an Agricultural Frontier**
- **The Inland Rainforest – BC's Best-Kept Secret**
- **Science and History at the Aleza Lake Research Forest**
- **Shaping the Plateau Landscape - the Natural Disaster Tour!**

Upcoming Conferences

2-5 June 2008

22e congrès annuel de l'Association québécoise de spécialistes en sciences du sol-Saint-Georges (Beauce), Quebec. www.aqsss.com

3-6 June 2008

10th ConSoil Conference on Soil-Water Systems Milan, Italy.
<http://www.consoil.de/>

16-18 June 2008

Geo-Environment & Landscape Evolution 2008 - Third International Conference on Evaluation, Monitoring, Simulation, Management and Remediation of the Geological Environment and Landscape. The New Forest, U.K.
<http://www.wessex.ac.uk/conferences/2008/geoenv08>

June 29 – July 5, 2008

XXI International Grassland Congress/VIII International Rangeland Congress, Huhhot, Inner Mongolia, China
www.igc-irc2008.org or secretariat2008@hotmail.com

July 13-16, 2008

Joint meeting of the Canadian Society of Agronomy and the Northeastern Branch ASA-CSSA-SSSA McGill University, Montreal, QC, Canada.
www.montreal08.org

25-29 August 2008

EUROSOIL 2008 "Soil - Society – Environment"
Organised by the European Confederation of Soil Sciences Societies (ECSSS). Vienna, Austria
<http://www.ecsss.net/web/frontend/view.php?MENUID=230>

25-29 August 2008

12th International conference on integrated diffuse pollution management, Khon Kaen, Thailand. <http://www.envicenter.com/iwa2008/web/index.php>

September 18–22, 2008

5th International Conference on Land Degradation, Valenzano, Bari, Italy
www.iamb.it/5ICLD or pandi@iamb.it

October 5–9, 2008

ASA–CSSA–SSSA Annual Meetings (Joint Meeting with the Geological Society of America Houston, TX.
www.acsmeetings.org

29 October- 1 November 2008

International meeting on soil fertility and management and agroclimatology Kusadasi, Turkey. <http://www.soilscience2008.org/index.html>

20-24 July 2009

11th International Symposium on Soil and Plant Analysis, Santa Rosa, CA, USA. <http://www.spcouncil.com/symposium.htm>

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