

THE SOILED PROFILE



NEWSLETTER DEPARTMENT OF SOIL SCIENCE UNIVERSITY OF MANITOBA “bringing you the latest dirt”



UNIVERSITY
OF MANITOBA

For general inquiries or if you have material to include in the newsletter:

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Past issues of the Soiled Profile are now on our
webpage: [umanitoba.ca/afs/soil science/](http://umanitoba.ca/afs/soil%20science/)

21 October 2016

Upcoming:

Friday, Oct 21, 2:30 p.m., Room 172 Agriculture Building – Eighth Annual Kraft Lecture, Dr. Joseph Glauber. “Whither U.S. Agriculture Trade Policy: Trump, Clinton, BREXIT, WTO, NAFTA and TPP.”

Wednesday, Oct 26, 12:30 p.m., Room 346 Ellis Building – Department of Soil Science seminar. Dr. Aston Chipanshi, Agroclimate Analytical Service Lead, Agriculture & Agri-Food Canada. “Progress in forecasting major grain crops across Canada.”

Saturday, Oct 22 – NHL Heritage Classic alumni game at Investors’ Group Field. **Parking restrictions will be in effect for W lot starting at 1:30 p.m.**

Sunday, Oct 23 – NHL Heritage Classic at Investors’ Group Field. **Parking restrictions will be in effect for W lot starting at 12:30 p.m.**

Saturday, Oct 29 – Winnipeg Blue Bomber Game at Investors’ Group Field. **Parking restrictions will be in effect for W lot starting at 1:30 p.m.**

Friday, Nov 4, 12:30 p.m., Room 346 Ellis Building – Department of Soil Science seminar. Dr. Srimathie Indraratne, Department of Environmental Studies and Sciences, U of Winnipeg. “Sources of Potentially Toxic Trace Elements in Agricultural Soils: Geogenic or Anthropogenic?”

Department Staff Away:

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| Terri Ramm | Oct 24 – Nov 7 |
| Rob Ellis | Oct 24 – 28 |
| Martha Blouw | Oct 7 – 24 (contact Bev.Godard@umanitoba.ca for grad student assistance) |
| Mario Tenuta | Oct 25–28 (Wpg workshop), Nov 1–2 (Ottawa), Nov 7–9 (Phoenix), Nov 16-17 (Moncton), Nov 22–24 (Calgary), Dec 6–7 (Thunder Bay), Dec 12–16 (San Francisco) |

News:

Congratulations to Megan Westphal

Megan successfully defended her M.Sc. on Tuesday. Well done!

Soil Ecology Lab YouTube Channel

The Soil Ecology Lab, University of Manitoba, now has a YouTube channel. The lab will post a video featuring the research of one lab member every month. So far a video of one student is uploaded, one for a research associate will be posted in a couple of days. Other videos done by media and one by UofM are now also on the channel.

https://www.youtube.com/channel/UCfL0EKIg0Nu6_3DTU-4ENKQ

There will be live panel for the channel on the soilecology.ca website home page coming this week as well.

Research from Annemieke's research team is reported in the National Post

Click [here](#) for the full story.

Update on tank charges from Welders Supply

Lynda has been working on clearing up a backlog of long-standing rental charges for Welder Supply tanks. Any cylinders being charged monthly rental are those that were rented prior to the EPIC system coming into place. Since that time, EPIC is unable to accommodate a monthly rental charge, so Welders Supply is no longer charging monthly rent on gas cylinders.

Reminder about nominations for CSSS Council

At the end of 2016, the following CSSS Council elected positions will become vacant:

- President-Elect
- Eastern Councillor
- Graduate Student Representative

These positions are filled by election (or acclamation if there is only one candidate). They each require consent of the nominee and signatures of (or supporting e-mails from) three current CSSS members who are not current members of council. The duties and responsibilities of these positions can be found on the CSSS website (<http://www.csss.ca/index.php/council/job-descriptions>). Candidates for Eastern Councillor have to be from the eastern provinces (Ontario Quebec and Atlantic Canada). Elected councillors are expected to attend the CSSS AGM each year of their term; funds to assist with travel to attend the AGM are available from the CSSS.

Please send (e-mail) nominations by October 31, 2016 to Amanda Diochon (adiochon@lakeheadu.ca). Elections, if necessary, will be held after that date. For more information about these positions, please contact Maja Krzic (current CSSS President) at krzic@mail.ubc.ca, Nathan Basiliko (current Eastern Councillor) at nbasiliko@laurentian.ca, or Carolyn Wilson (current Graduate Student Representative) C.Wilson@dal.ca.

Opportunities:

Student Leadership Development Program, Faculty of Agricultural and Food Sciences, U of Manitoba

The Student Life office has been running this program for the general student population for many years, but this year Agricultural and Food Sciences is running a program specifically for International students in our Faculty to help address gaps in career and leadership skills we have noticed. This is a request for you to think of one or two students in your class that would benefit from this program. We have consistently noticed that a personal invitation has encouraged participation in this sort of program. If you could reach out to one student and provide them with Justin's contact info (see below), he can give them more information about the program and get them signed up!

Program information: <http://umanitoba.ca/student/studentlife/leadership/development/index.html>.

Note: we have received a grant to cover the \$25 registration fee for our program, so it is offered free of charge!

Contact: Justin Bouchard, Academic Advisor, Faculty of Agricultural and Food Sciences, Ph: (204) 474-8269
Email: Justin.bouchard@umanitoba.ca.

Research Scientist – Oilseed agronomist, Agriculture and Agri-Food Canada, Saskatoon, SK

A research scientist is sought with expertise and experience to design and lead a research program on oilseed agronomy including: sustainable, economically and environmentally sound production of oilseed crops for food, fiber and oil; mitigating impacts of climate change, and new agronomic practices on crops, pests and pollinators. This will include: providing an integrated view of the cropping system, crop cultivars and interactions with the broader environment; promoting agricultural productivity and economic returns to producers while fostering long-term environmental health (e.g. reducing greenhouse gas emissions, minimizing water pollution, avoiding soil degradation, preserving biodiversity); and identifying pathways to improve adaptation to climate variability and novel agronomic practices.

The successful candidate will provide scientific advice and transfer technology to partners and clients that will assist the agriculture industry in maintaining or improving both the economic viability of oilseed production and the environmental health of prairie agro-ecosystems. The candidate will interact with a broad range of scientists within the Prairie Ecosystem and peers across the country and internationally in the areas of agronomy, plant breeding, plant pathology, entomology, crop physiology, plant nutrition, soil conservation, and other related disciplines. This position will contribute to the development of management recommendations for oilseed crops across the region. The end goal is to strengthen the sustainability and profitability of the oilseed industry.

The intent of this process is to fill 1 indeterminate full time position. A pool of qualified candidates may be established and may be used for similar permanent and temporary employment for the location indicated for this process.

Closing date: **27 October 2016**. To apply: [click here](#).

Reference number: AGR16J-010040-000090

Selection process number: 16-AGR-MBSK-EA-ST-177

Research Scientist–Pulse and Legume Crop Physiology, Agriculture and Agri-Food Canada, Lacombe, AB

The incumbent will lead research in the field of pulse and legume crop physiology. The research will integrate the understanding of plant physiology while considering interactions with the environment and breeding traits. The incumbent will work with scientists at the local, national, and international levels and with other stakeholders to maintain relevant research direction and contribute to the knowledge creation. The incumbent will work in a multi-disciplinary team on understanding the crop physiology and the application of this knowledge to plant breeding selection of desirable alleles for sustainability production systems and economically important traits.

The position, headquartered at Lacombe, Alberta, is part of research portfolios in pulse crop and legume forage genetic enhancement to generate field-ready cultivars for sustainable production systems. The position is part of a research network with access to research facilities and scientific expertise across Canada, is supported by technical staff to conduct laboratory, controlled environment, and field experiments, has a full range of laboratory and small research plot equipment to conduct research on crops.

The intent of this process is to fill 1 indeterminate full time position. A pool of qualified candidates may be established and may be used for similar permanent and temporary employment for the location indicated for this process.

Closing date: **2 November 2016**. To apply: [click here](#).

Reference number: AGR16J-010040-000091

Selection process number: 16-AGR-BCAB-EA-ST-101