

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:

Lynda Closson
University of Manitoba
Room 362 Ellis Bldg
Winnipeg, MB R3T 2N2

Phone: 204 474-8153, Fax: 204 474-7642
Email: lynda.closson@umanitoba.ca
Past issues of the Soiled Profile are on our
webpage: umanitoba.ca/afs/soil_science/

2 June 2017

Upcoming:

Thursday, June 8 – Women’s Soccer at Investors’ Group Field. **Parking restrictions will be in effect for W lot starting likely at 6:00 p.m.**

Friday, Jun 9, 9:30 a.m., Room 346 Ellis Building – Department of Soil Science, M.Sc. thesis defense, Magdalena Rogalsky. “Phosphorus Beneficial Management Practices for Corn Production in Manitoba”

Friday, June 9 – Special Event at Investors’ Group Field. **Parking restrictions will be in effect for W lot starting likely at 5:30 p.m.**

Thursday, Jun 15, 9:00 a.m. – **Annual shed clean-up day.** Put this date on your calendar and your name on the sign-up sheet in the main office. We need all hands on deck to do a thorough clean up of the shed. All PIs must either be present or delegate responsibility for sample storage/disposal decisions.

Department Staff Away:

Martha Blouw	June 5-9
Don Flaten	June 27-28 (Toronto), July 3-7 (vac), July 17-20 (Minnesota)

News:

Fire Extinguisher Training

All Staff, Faculty and Summer Students are invited to attend Fire Extinguisher training sessions scheduled for June, July, August and September. Please ensure that you attend the in-class session first as it is required before the practical hands-on session in order to receive the full training required to properly extinguish a fire. In-class sessions will take only 30 minutes and consist of a PowerPoint presentation where the types of fire and extinguishers are discussed in addition to proper extinguishing techniques. This will be the optimum time to ask any questions that you may have about fire extinguishers as the instructor will be available for an additional 30 minutes after the presentation. The sessions are available for sign-up

on the Go Sign Me Up page of Learning and Organizational Development:
<https://umanitoba.gosignmeup.com/Public/Course/Browse>. Please enroll for one session only.

Attendees will also be given the opportunity to extinguish a real fire using our training simulator at a separate session. This will provide practical hands-on experience for operating an extinguisher in a controlled real-life scenario. You may attend whichever session best fits your schedule. All you need to do is show up during the times specified in order to participate. You do not need to register for the hands-on training, however you need to complete the in-class session first. Wait times may fluctuate based on demand and time of day. Sessions will take place at Fort Garry campus on **June 21, July 20, August 9** and **September 13** from 9 AM–3 PM (except over the noon hour 12-1 PM) at the Environmental Safety Building (Address: 27 Service Street 1 SW) directly south of the U Parking lot and west of the Fisheries Institute.

Steam Plant Shutdown

Physical Plant will be conducting its annual steam distribution shut down for the Fort Garry campus from June 4-14. Steam distribution systems will be fully operational on June 15. During this time, services such as domestic hot water, air conditioning, and normal building ventilation will continue to be operational. All laboratory equipment that requires steam will be impacted. Depending on external temperatures, buildings may be cooler first thing in the morning or near the end of day. If occupants experience uncomfortable temperatures during daytime hours, contact the Physical Plant Work Order Desk at 474-6281 or by e-mail at ppwod@umanitoba.ca. If there are any questions or concerns regarding this shut down, contact Greg Kowk, 272-1513 or greg.kowk@umanitoba.ca.

Paper of the week:

Jayarathne, P. D. K. **D., Kumaragamage, D.,** Indraratne, S., **Flaten, D.,** and Goltz, D. 2016. Phosphorus release to floodwater from calcareous surface soils and their corresponding subsurface soils under anaerobic conditions. *J. Environ. Qual.* 45:1375–1384. doi:10.2134/jeq2015.11.0547

Opportunities:

Research Technician, University of Guelph, Ridgetown Campus

The Research Technician is responsible for providing technical expertise for all facets of the Nitrogen Fertility and Cover Crop Management program at the Ridgetown Campus. The program focuses on cropping systems research on vegetables and low acreage crops (seed corn, sugarbeets) with an emphasis on cover crops, nitrogen dynamics and soil health. The position is fully responsible for effective development and execution of approx. 6 to 10 crop research projects including planning, organizing, implementation, delivery and quality control of research (approx. 1,600 field small plots annually) from land preparation to crop planting and harvest. The incumbent is also responsible for ensuring proper calibration and use of agricultural research equipment (planters, sprayers and combine data logging equipment); maintaining and improving agricultural field equipment and research land; operating and maintaining laboratory equipment; liaising with farmer co-operators; data collection and some analysis; and providing teaching support in the off-season months. Lastly, the position is responsible for hiring, training, and supervising 1 to 5 seasonal research assistants/students and training graduate students.

Requirements for the position include: a Bachelor of Science in Agriculture, Soil Science, or related area and two years of previous relevant experience or the equivalent education and experience. The position requires practical in-field experience, and agricultural field research experience; a clear understanding of the principles, practices and procedures that are required to achieve precision and accuracy in agricultural research data; strong knowledge of both scientific experimentation and the use of specialized research

equipment. The position requires: a valid drivers' license with preference for an AZ license; Grower Pesticide Safety Certificate; Ontario Ministry of Environmental Pesticide Applicator's License; and Emergency First Aid and CPR.

Position Number: 462-032; Classification: OSSTF/TARA, District 35 Salary Band 6*

Salary Range: \$26.00 Minimum (Level 1), \$29.05 Normal Hiring Limit (Level 3), \$35.17 Job Rate (Level 7)

Closing date: **June 9, 2017**. To apply: <https://www.uoguelph.ca/hr/careers-guelph/how-apply>

Agronomist / Plant Ecologist, Native Plant Solutions, Winnipeg (1 year term with possible extension)

This position requires expertise in plant ecology, agronomy, heavy equipment use, and upland reclamation practices. Candidates must be comfortable working in the field and coping with variable weather conditions as a substantial portion of your time will be spent working outdoors during the growing season. The position requires three to five years of experience in the agricultural field and advanced knowledge of upland plant ecology.

Requirements

- Undergraduate or graduate degree in Agriculture, Agroecology, Plant Science, Soil Science, Plant Ecology or a related discipline
- Experience in planning and project management.
- Ability to foster key business relationships.
- Previous experience working with budgets.
- Excellent communication skills, both written and oral.
- Ability to operate heavy machinery (tractors, ATV's).
- Must possess or obtain a pesticide applicators license.

To Apply: submit cover letter (including salary expectations) and resumé for confidential consideration to the attention of Carly Bjornsson, HR Generalist, Ducks Unlimited Canada, resumes@ducks.ca.

Closing deadline: **Friday June 30, 2017** at 4:00 pm (CDT)

AAFC Agricultural Youth Green Jobs Initiative

The Agricultural Youth Green Jobs Initiative offers wage subsidies for post-secondary graduates to undertake environmentally beneficial activities, services or research in the agricultural sector. Under the Green Internships Stream, internships can be four to 12 months in duration and work must start December 1. AAFC will cost share 50% of student wages up to \$16,000 for each project (AAFC will consider up to 85% to a maximum \$16,000 for not for profits on a case by case basis). Applications will be accepted until all funds have been allocated and approved on a first-come, first-served basis. Applicants are encouraged to apply early to increase chances of securing funding.

For additional information, contact Helena Marak, Community Liaison/Co-op and Job Placement Coordinator, Faculty of Agricultural and Food Sciences, (204) 480 – 1488, Helena.Marak@umanitoba.ca.

**Sols et génie agroalimentaire - Professeur adjoint (Pédologie, genèse et classification des sols),
l'Université Laval, QC**

More information: http://www.universityaffairs.ca/search-job/?job_id=39390

Le dossier de candidature complet doit être déposé, au plus tard le **1er septembre 2017**, 16h30, à l'attention de : Dr. Antoine Karam. Directeur, 2425, rue de l'Agriculture., Département des sols et de génie agroalimentaire, FSAA., Pavillon Paul-Comtois, Université Laval, Québec, Canada G1V 0A6

Academic Chairperson, Agriculture and Environment Assiniboine Community College, Brandon, MB

The Chairperson provides the overall direction and development for current and future Academic Programs in the Agriculture and Environment programming while providing leadership and support to all faculty and students. The Chairperson will collaborate with the Dean on general administrative processes including budget preparation and monitoring while also analyzing staffing needs. The Chairperson is also responsible for providing leadership for applied research related to Agriculture and Environment programs.

[More information](#). To apply, contact 403-410-6700 or submit your CV and supporting documentation to opportunities@boyden.com.

Events:

UAV Ground School, June 10-11, University of Manitoba

Offered by M3 Aerial Productions. \$550 per person.

More information and to register: <http://www.m3aerial.com/uav-ground-school>

Crop Diagnostic School, July 4-6 and 11-13, 2017, Ian N. Morrison Research Farm, Carman, MB

Faculty staff and student day is **July 4** with registration cost of \$50 versus regular \$175.

For more information and to register: Call 204 945-5660 or crops@gov.mb.ca.

Living Soils Symposium, October 13-15, 2017, Montreal, QC

The call for speakers is open until May 31, 2017.

Please contact: Gabrielle Bastien, Director, Living Soils Symposium Montreal, 514-616-6004, gabrielle@livingsoilssymposium.ca.

For more information, click on the link below:

https://gallery.mailchimp.com/ca7fd4410b9dab34e3ef8b381/files/173aa9fa-5c3f-4b75-ad5e-bae1d1e40a5c/Living_Soils_Symposium_Montreal.pdf