

CSBE-SCGAB Webinar Series 2020/2021 Schedule

SessionD Category

1 Friday, September 11, 2020

Soil and Water

Abstract ID: 9 Title Comparison of nitrogen and phosphorus from two drainage water management systems on agricultural organic soils.

Authors Genevieve Grenon, Chandra A. Madramootoo, Bhesram Singh, and Christian von Sperber

Contact Email genevieve.grenon@mail.mcgill.ca

Abstract ID: 1 Title Select soil quality and plant uptake parameters under different water and fertilizer management systems and their relationship with greenhouse gas emissions

Authors Naeem A. Abbasi, Chandra A. Madramootoo, Tiequan Zhang, Chin S. Tan

Contact Email naeemahm@live.com

Special topics

Abstract ID: 22 Title An Experimental Study of the Aerodynamic Characteristics of Ryegrass Forage

Authors Janaya Walter, Martin Roberge, Laurent Schindfessel, David Sumner, Lope Tabil

Contact Email jaw873@mail.usask.ca

2 Friday, September 25, 2020

Organic waste management

Abstract ID: 25	Title	Mineralization of Carbon in Composted, Alkaline Stabilized, and Anaerobically Digested Biosolids in Soil
	Authors	Okenna Obi-Njoku, Michael Yongha Boh, Gordon Price, O. Grant Clark
	Contact Email	okenna.obi-njoku@mail.mcgill.ca

Special topics

Abstract ID: 5	Title	Mini review: Worldwide food allergy prevalence and the characterizations of “big eight” allergenic foods
	Authors	Xin Dong
	Contact Email	xin.dong2@mail.mcgill.ca

3 Friday, October 9, 2020

Community engagement

Abstract ID: 16 Title The development of multi-level storylines to ensure the inclusion of marginalized communities in participatory sociohydrological modelling: A case study in Tz'olöj Ya', Guatemala

Authors Jessica Bou Nassar, Julien Malard, Jan Adamowski, Marco Ramírez Ramírez, Héctor Tuy

Contact Email jessica.bounassar@mail.mcgill.ca

Abstract ID: 15 Title Dynamiques des systèmes couplés avec modèles des cultures : modélisation participative pour l'évaluation des systèmes agricoles à petite échelle au Guatemala

Authors Julien J Malard, Jan Adamowski, Héctor Tuy, Hugo Melgar-Quiñonez

Contact Email julien.malard@mail.mcgill.ca

Abstract ID: 8 Title Comparing the sustainability performance of smallholder farming systems: a case study in rural Panama

Authors Roberto Forte and O. Grant Clark

Contact Email roberto.fortetaylor@mail.mcgill.ca

4 Friday, October 23, 2020

Environmental Monitoring/Mo

Abstract ID: 7 Title Comparing the performance of automated and manual chambers for measuring greenhouse gas emissions from agricultural soil
Authors Liam Gordon Fitzpatrick, Michael Yongha Boh, and O. Grant Clark
Contact Email liam.fitzpatrick2@mail.mcgill.ca

Abstract ID: 11 Title Modelling Poultry Barn Ventilation using Geothermal Energy
Authors Mohamed Aly and Bill Van Heyst
Contact Email maly@uoguelph.ca

Abstract ID: 24 Title Potentiometric Phosphate Sensing Using Pure Cobalt, Molybdenum and Their Alloy for Environmental Applications
Authors Reem Zeitoun and Asim Biswas
Contact Email rzeitoun@uoguelph.ca

5 Friday, November 6, 2020

Bioenergy

Abstract ID: 20	Title	Practical Utilization of Microbial fuel cells: A Review
	Authors	Suhasini Srinivasan, Ademola Adekunle, Vijaya Raghavan
	Contact Email	suhasini.srinivasan@mail.mcgill.ca

Organic waste management

Abstract ID: 14	Title	Optimizing an organic hydroponic solution brewed from a combination of chicken manure extracts and vermicompost leachate
	Authors	David Leroux, Peter Tikasz, Mark Lefsrud
	Contact Email	david.leroux3@mail.mcgill.ca

Abstract ID: 19	Title	Life Cycle Assessment of land-applied municipal wastewater biosolids in Canada
	Authors	E. Saliba, D. Maxime, A. Boulay, O. Grant Clark
	Contact Email	elissa.saliba@mail.mcgill.ca

6 Friday, November 20, 2020

Soil and Water

Abstract ID: 4 Title Labile organic phosphorus in temperate arable Histosols revealed by enzymatic hydrolysis of sequential phosphorus fractions

Authors Aidan De Sena, Chandra A. Madramootoo, and Joann K. Whalen

Contact Email aidan.desena@mail.mcgill.ca

Abstract ID: 6 Title Assessment of physicochemical properties of growth media based on wood ash and sludge in combination with biochar.

Authors Muhammad Farhain, Mumtaz Cheema, Bilal Javed, Yeukai Katanda, Raymond Thomas, Lakshman Galagedara

Contact Email lgalagedara@grenfell.mun.ca

Abstract ID: 13 Title Predicting Crop Water Requirements and Yield for Tomato under a Humid climate using AquaCrop model

Authors Naresh Kumar A. Thangaraju, Samuel O. Ihuoma, Chandra A. Madramootoo

Contact Email naresh.arumugagounderthanagaraju@mail

7 Friday, January 8, 2021

Bioprocessing

Abstract ID: 12 Title Effect of pre-treatment on the physical and nutraceutical properties of the puree processed from the carrot rejects and waste.

Authors Gagan Jyot Kaura, Valerie Orsatb and Ashutosh Singha

Contact Email gmadanpo@uoguelph.ca

Abstract ID: 23 Title Optimized production of a sugar-CO2 complex for enhancing bioactive compound delivery via the oral mucosa

Authors John Weilenmann & Valerie Orsat

Contact Email john.weilenmann@mail.mcgill.ca

Abstract ID: 18 Title The effect of chemical retting parameters on the quality and quantity of the canola fibers

Authors Vahid Sadrmanesha, Ying Chena, Mashiur Rahmana

Contact Email ying.chen@umanitoba.ca

8 Friday, January 22, 2021

Bioenergy

Abstract ID: 3 Title Effect of Moisture Content, Temperature, and Grinding Method during Microbial Incubation of Camelina sativa L. straw by Trametes versicolor on Properties of Solid Biofuel Pellets

Authors Cuong N. Daoa, Lope G. Tabila, Tim Dumoceaueb, Edmund Mupondwab, Xue Li

Contact Email cuong.dao@usask.ca

Abstract ID: 21 Title Microwave Torrefaction of Oat Hulls

Authors Esteban Valdez*, Lope Tabil, Edmund Mupondwa, Tim Dumonceaux, and Duncan Creee

Contact Email Esv766@mail.usask.ca

Organic waste management

Abstract ID: 10 Title Comparing the Fertilizer Value of Compost to that of Vermicompost

Authors Mathilde Guglielmi and Dr. Osborne G. Clark

Contact Email mathilde.guglielmi@mail.mcgill.ca

9 Friday, February 5, 2021

Bioenergy

Abstract ID: 2	Title	Economic and Environmental Analyses of Bioenergy Production from Wood Pellets
	Authors	Peyman Alizadeh, Lope G. Tabil, Edmund Mupondwa, Xue Li
	Contact Email	pea765@mail.usask.ca

Urban hydrology

Abstract ID: 17	Title	Expanded Tree Pits as Part of a Low Impact Development Strategy for Urban Stormwater Management
	Authors	Jing Ren, Elin Inga Knutsdottir, O. Grant Clark
	Contact Email	jing.ren@mail.mcgill.ca