

**2013 Joint Annual Meetings of the
Canadian Society of Soil Science
Manitoba Soil Science Society
Canadian Society of Agricultural and Forest Meteorology**

Program Overview

Unless indicated otherwise all events are in the Fort Garry Hotel and Conference Centre

Tuesday July 16 to Sunday July 21

Pre conference tour to Churchill (requires pre-registration) Organizer: Mario Tenuta (mario.tenuta@umanitoba.ca)

Monday July 22

Morning and afternoon

- All Day **Information Desk** (Fort Garry Hotel Lobby)
- 8:00 - 5:15 **Land and Water Tour** (departs from Fort Garry Hotel; requires pre-registration). The tour bus will leave the Fort Garry Hotel lobby at 8:00 am. Tour participants who are not staying at the Fort Garry Hotel are welcome to board the bus at 8:15 am at the Fort Richmond Liquor Mart, 2855 Pembina Highway.. Stops include the Bruce D. Campbell Farm and Food Discovery Centre at the Glenlea Research Station, the South Tobacco Creek Watershed, Stepler Dam, Twin Watersheds and Skyview Hutterite Colony along the Manitoba Escarpment. Organizer: David Lobb (david.lobb@ad.umanitoba.ca)
- 8.30 - 4.00 **Greenhouse Gas Field Workshop** (departs from Fort Garry Hotel; requires pre-registration). Morning in field at TGAS MAN Site, afternoon workshop in the Bruce D. Campbell Food and Farm Discovery Centre at the University of Manitoba's Glenlea Research Station. Times indicated are for the shuttle bus's departure from and return to the Fort Garry Hotel. Workshop participants who are not staying at the Fort Garry Hotel are welcome to board the shuttle bus at 8:45 am at the Fort Richmond Liquor Mart, 2855 Pembina Highway. Organizer: Mario Tenuta (mario.tenuta@umanitoba.ca)
- 8:00 - 4:30 **Canadian Land Resource Network Workshop** (La Verendrye Room; requires pre-registration). Organizer: Daniel Saurette (daniel.saurette@stantec.com)
- 5:00 - 8:00 **Poster Setup** (Fort Garry Conference Centre 5th Floor)
- 5:30 - 7:30 **CSSS Council Meeting** (La Verendrye Room)

Evening

- 7.00 - 10.00 **Registration** (Grand Ballroom Foyer)
- 8:00 - 10:00 **Welcome Reception** (Grand Ballroom Foyer)

Tuesday July 23

Morning

7:30 - noon **Registration** (Grand Ballroom Foyer)

Plenary Session (Grand Ballroom)

8:30 - 8:40 **Welcome and opening remarks** - Don Flaten, Conference Chair

8:40 - 9:20 **Soil Processes from Macro to Micro: How They Influence our Sustainability** - April Leytem, USDA-ARS Northwest Irrigation and Soils Research Lab, Kimberly, Idaho

9:20 - 10:00 **Earth's malleable membrane: The role of soil and atmosphere in controlling flows of carbon, nutrients, energy, and water** - Henry Janzen, AAFC Lethbridge Research Centre

Break

10:30 - 11:10 **Understanding the effects of agricultural land management on water quality** - Phil Haygarth, Lancaster University and President of the British Society of Soil Science

11:10 - 11:50 **Climate and land management effects on river discharge and water quality** - Satish Gupta, University of Minnesota.

12:00 - 1:00 **Lunch** (Grand Ballroom)

Afternoon (5th Floor)

1:00 - 3:00 **Oral Presentations - Concurrent Sessions**

Oral Session 1 - Nitrogen Cycling Across Land Uses and Ecosystems 1

Oral Session 2 - Phosphorus Behaviour and Management

Oral Session 3 - Soil Amendments and Remediation

3:00 - 4:00 **Break and Poster Session 1**

Agricultural Greenhouse Gas Emissions

Soil Ecology, Food Webs and Nutrient Cycling

4:00 - 5:00 **Manitoba Soil Science Society Annual General Meeting** (Assiniboine Ballroom)

5:00 - 6:00 **Cdn. Soc. of Agric. and Forest Meteorology Annual General Mtg.** (Selkirk Ballroom)

Evening

6:00 - 8:00 **"Hermetic Code" tour of downtown Winnipeg** (requires pre-registration)

7:00 - 10:00 **Graduate Student "Mixer"**

Wednesday July 24

Morning (5th Floor)

- 8:00 - noon **Registration** (Grand Ballroom Foyer)
- 8:00 - 10:00 **Oral Presentations - Concurrent Sessions**
Oral Session 4 - Agricultural Greenhouse Gas Emissions 1
Oral Session 5 - Environmental Fingerprinting and Footprinting
Oral Session 6 - Teaching and Training in Soil Science 1
- 10:00 - 11:00 **Break and Poster Session 2**
General Soil Science
- 11:00 - 12:30 **Oral Presentations - Concurrent Sessions**
Oral Session 4, cont'd. - Agricultural Greenhouse Gas Emissions 1
Oral Session 5, cont'd. - Environmental Fingerprinting and Footprinting
Oral Session 7 - Soil Quality Gradients at the Landscape Level
- 12:30 - 1:30 **Lunch** (Grand Ballroom)
- 12:30 - 2:00 **Women in Science Luncheon Workshop** (Gateway Room; requires pre-registration)
Organizer: Annemieke Farenhorst (annemieke.farenhorst@ad.umanitoba.ca)

Afternoon (5th Floor)

- 1:30 - 2:30 **Oral Presentations - Concurrent Sessions**
Oral Session 8- General Soil Science
Oral Session 9 - Soil Chemistry and Fertility 1
Oral Session 10 - Measuring, Modeling and Managing Soil Carbon Exchanges
- 2:30 - 3:15 **Oral Presentations - Concurrent Sessions**
Oral Session 10, cont'd. - Measuring, Modeling and Managing Soil Carbon Exchanges
Oral Session 11 - Fate of Trace Metals in the Environment
Oral Session 12 - Soil Ecology, Food Webs and Nutrient Cycling 1
- 3:15 - 4:30 **Break and Poster Session 3**
Nitrogen Cycling Across Land Use and Ecosystems
Organic Amendments
General Soil Science
- 4:30 - 5:30 **Canadian Society of Soil Science Annual General Meeting** (Assiniboine Ballroom)

Evening (Crystal Ballroom)

- 5:30 - 6:30 **Cash bar**
6:30 - 9:00 **CSSS/MSSS/CSAFM Banquet**

Thursday July 25

Morning (5th Floor)

8:00 - noon **Registration** (Grand Ballroom Foyer)

8:30 - 9:30 **Oral Presentations - Concurrent Sessions**

Oral Session 13 - Agricultural Greenhouse Gas Emissions 2

Oral Session 14 - Soil Chemistry and Fertility 2

Oral Session 15 - Nitrogen Cycling Across Land Uses and Ecosystems 2

9:30 - 10:00 **Oral Presentations - Concurrent Sessions**

Oral Session 13, cont'd. - Agricultural Greenhouse Gas Emissions 2

Oral Session 15, cont'd. - Nitrogen Cycling Across Land Uses and Ecosystems 2

Oral Session 16 - Soil Survey and Classification

10:00 - 10:30 **Oral Presentations - Concurrent Sessions**

Oral Session 13, cont'd. - Agricultural Greenhouse Gas Emissions 2

Oral Session 15, cont'd. - Nitrogen Cycling Across Land Uses and Ecosystems 2

Oral Session 19 - Teaching and Training in Soil Science 2

Break

11:00 - 12:15 **Oral Presentations - Concurrent Sessions**

Oral Session 17 - Agricultural Meteorology and Soil Physics

Oral Session 18 - Soil Ecology, Food webs and Nutrient Cycling 2

Oral Session 19, cont'd. - Teaching and Training in Soil Science 2

12:15 **End of Regular Sessions for Conference**

Afternoon (5th Floor)

1:30 - 4:30 **Agricultural Greenhouse Gas Program (AGGP) Workshop.** (Assiniboine Ballroom; requires pre-registration) Organizer: Brian Amiro (brian.amiro@umanitoba.ca).