

CENTRAL | EAST ONTARIO PRECISION AG SUMMIT



FEBRUARY 21, 2018

PRESENTED BY



IN COLLABORATION WITH

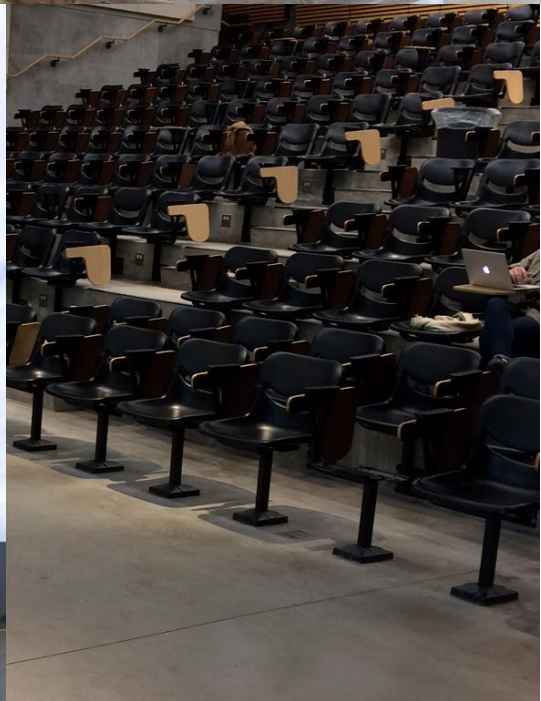


SCHOOL OF THE ENVIRONMENT

8 am – 4 pm

Early Registration \$75
before January 31st

Peter Gzowski College
East Bank Road/
Gzowski Way (Pioneer Rd.)
Peterborough, ON



AGENDA

- 8 :30AM** **Registration + Welcome from Trent Indigenous Studies**
- 8 :45AM** **Game of Drones** | Dominique Chabot, Trent School of the Environment
- 9 :45AM** **Breakout Session 1**
- A. *Nutrient Losses* | Dr. Catherine Eimers, Associate Professor, Trent University
 - B. *Workshops & Grant Programs* | Paul Reeds, P.Ag, OSCIA
- 10:15AM** **Refreshments & Tour Information Alley**
- 10:30AM** **Breakout Session 2**
- A. *Creating & Testing Management Zones for Variable Rate Population & Nitrogen Trials* |
Nicole Rabe, OMAFRA
 - B. *Green Tractors Integrated Solutions 2018 Updates* |
Dave Cooper, CCA-ON, Green Tractors IS Specialist
- 11:15AM** **Boots & Bytes - for Better Yields** | Paul Hermans, CCA-ON, DuPont Pioneer
- 12:00PM** **Lunch** from Trent University Executive Chef, Christopher Ennew
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- 1:00PM** **Data Driven Decision Making** | John Deere Operations Centre & Agrian | Dennis Jansen, John Deere Canada
- 2 :00PM** **Breakout Session 3**
- A. *Updating the Current OMAFRA Maps in Ontario* | Daniel Saurette, Land Resource Specialist, OMAFRA
 - B. *Maizeing Marketing* | Peter Archer, Farmer/Elevator Owner/Grain Merchant, Maizeing Acres
- 2 :30PM** **Refreshments & Tour Information Alley**
- 2 :45PM** **Breakout Session 4**
- A. *Good Bugs/Bad Bugs* | Dr. Dave Beresford, Assistant Professor, Trent University
and Dr. Karen Thompson, Associate Professor, Trent University
 - B. *Climate Fieldview* with Alliance Agri-Turf Representatives
- 3 :30PM** **Producer Panel | Precise/Sustainable/Succession**
- Moderated by: Tom Hutchinson, Professor Emeritus, Trent School of the Environment
- Panel: Dustin Mulock | Mulock Farms | Kawartha Cover Crops
- Zac Cohoon | Twin Erin Farms | Innovative Farmer of the Year 2017
- Reuben deJong | G & De Farms | Farmer's Edge Representative | Pickseed Canada

8:30 am – Registration & Welcome

8:45 am – Trent School of the Environment – “Game of Drones”



Presenter: Dr. Dominique Chabot, Lead Scientist, droneMetrics & Postdoctoral Fellow, Trent University

A leading expert with several peer-reviewed scientific publications on unmanned systems and geomatics, Dr. Chabot's main expertise has been wildlife and environmental applications of drones, although he also has several years of industry experience in a range of areas of application including agriculture, forestry, energy-utility-infrastructure, construction-development and seafaring.

9:45 am – Breakout Session 1

A. “Nutrient Losses” with Dr. Catherine Eimers, Associate Professor, Trent University



Dr. Eimers teaches a variety of undergraduate courses in Physical Geography; including Water Resources, Soil Science, Applied Geoscience, and Climate Change. She will address how nutrient losses occur throughout the crop cycle and what can be done to assess your situation and mitigate risk when facing nutrient loss tendencies.

B. “Workshops & Grant Programs” with Paul Reeds, P Ag./Ontario Soil & Crop Association



Regional Program Lead Paul Reeds will outline what programs and funding opportunities may be available in east/central Ontario for the 2018 growing season as set by the Ontario Soil & Crop Association and partners. Paul is a graduate of the Advanced Agricultural Leadership Program and a Professional Agrologist with the Ontario Institute of Agrology.

10:15 am - Refreshments Break – Take a tour along “Information Alley” and see what Trent School of the Environment students have been working on. The hall will be lined with poster boards illustrating ongoing research pertaining to sustainable agriculture being conducted as well as feature projects taking place at Trent University’s Experimental Farm.

10:30 am – Breakout Session 2

A. “Creating & Testing Management Zones for Variable Rate Population & Nitrogen Trials”



with Nicole Rabe, Land Resource Specialist, OMAFRA

Nicole’s background in Geographic Information Systems and Remote Sensing for agricultural applications is pivotal to local ag research. Nicole continues to collaborate with growers across central Ontario to put precision ag tools and soil management strategies to practical use in her ongoing research.

B. “Green Tractors Integrated Solutions 2018 Updates”



with Dave Cooper, CCA –ON/Green Tractors Integrated Solutions Specialist

Dave has 9 years experience with John Deere precision ag products and another 10 years prior working for a Case IH dealer. Dave and his wife Wendy operate D & W Cooper Farms together near Uxbridge where they grow corn, soybeans and wheat.

11:15 am – Pioneer Encirca Services – “Boots & Bytes – For Better Yields”



**Presenter: Paul Hermans, CCA-ON/DuPont Pioneer
Digital Effectiveness Manager**

Pioneer Encirca Services offers tailored, brand neutral, whole-farm solutions to help improve your profitability and productivity. “The Hermanator” as you know him on Twitter is here to talk about product optimization solutions that fit your farm.

12:00 pm – Lunch

1:00 pm – John Deere Operations Centre & Agrian - “Data Driven Decision Making”



Presenter: Dennis Jansen, John Deere Canada ULC

Dennis grew up farming in western Ontario and provides support for John Deere dealers and customers throughout Ontario and the Maritimes by applying his expertise in precision ag products and data management solutions to help producers hone in on efficiencies and machine optimization strategies.

2:00 pm – Breakout Session 3

A. “Updating the Current OMAFRA Maps in Ontario”



with Daniel Saurette, Land Resource Specialist, OMAFRA

Daniel is part of a team working on re-classifying Ontario’s soil zones.

He is here to talk to producers about how this is being done and what this means for Ontario agriculture.

B. “Maizeing Marketing” with Peter Archer, Farmer/Elevator Owner/Grain Merchant, Maizeing Acres



Are you bearish or bullish? Peter Archer is here to talk grain markets and what to watch for in 2018.

2:30 pm – Refreshments Break – Take a tour along “Information Alley” and see what Trent School of the Environment students have been working on. The hall will be lined with poster boards illustrating ongoing research pertaining to sustainable agriculture being conducted as well as feature projects taking place at Trent University’s Experimental Farm.

2:45 pm – Breakout Session 4

A. “Good Bugs/Bad Bugs” with Dr. Dave Beresford, Assistant Professor, Trent University



& Dr. Karen Thompson, Associate Professor, Trent University

Dr. Beresford’s passion is entomology. His research studies the role dispersal plays in insect and mite populations, stable flies as pests of dairy and beef farms, and insect diversity in the Hudson Bay lowlands.

Dr. Thompson’s background is in using microbial indicators to assess soil health in agro-ecological systems. She will speak on the roles microbial communities play in soils and how influencing the soil microbiome may help us increase the sustainability of agricultural production systems. Together, Dr. Beresford and Dr. Thompson will talk about the good bugs, the bad bugs, and the downright ugly bugs that Ontario agriculture faces.



B. “Climate Fieldview” with Alliance Agri-Turf Representatives

You know your fields – Climate FieldView is your data partner to support the decisions you make every day. Simplify field data management.

Use digital maps to better analyze seed performance. Get notifications on your mobile device about changing conditions in your fields so you can plan your day efficiently.



3:30 pm – Producer Panel – “Precise/Sustainable/Succession”

Moderated by:	Dustin Mulock	Zac Cahoon	Reuben DeJong
Dr. Tom Hutchinson,	Mulock Farms	Twin Erin Farms	G & De Farms
Professor Emeritus	Kawartha Cover Crops	Innovative Farmer	Farmer’s Edge Representative
Trent School of the Environment		of the Year 2017	Pickseed Canada



Dr. Tom Hutchinson is a farmer in Peterborough County and has played an integral role in the development of Trent School of the Environment’s Sustainable Agriculture Program.

Dr. Hutchinson will moderate our first East/Central Ontario Precision Ag Panel. This panel is made up of 3 farmers from 3 different counties within east/central Ontario, each of whom has a diverse background and management strategy for implementing precision ag technologies in their operations.

Sustainability and succession each play a role within their management strategies and they are here to speak candidly on behalf of their experiences with respect to the evolution of precision agriculture and making data-driven decisions.

Questions and audience participation welcome in this interactive forum.



Thank you for joining us in making the Central | East Ontario Precision Ag Summit a great success.

Much gratitude also goes out to our presenters, panelists and to Trent University and Trent University School of the Environment.

Here’s to a great 2018.