

34th Annual ! **Organics Recycling Conference**

Wednesday October 2nd to Friday October 4th, 2024

NIAGARA FALLS, ONTARIO, CANADA



LEARN. TOUR. NETWORK.

Build your success.

www.compost.org

34th Annual ! **Organics Recycling Conference** **Wednesday October 2nd to Friday October 4th, 2024** **NIAGARA FALLS, ONTARIO, CANADA**

There's No Time to Waste.
ORGANICS RECYCLING IS A MUST.
AS IS SOIL HEALTH.

For our Climate, our Communities, Food Security, Biodiversity.

Join us as the World of Organics Recycling Meets.
Niagara Falls. October 2 – 4, 2024.
Together, we make a world of difference.

WEDNESDAY OCTOBER 2 - A DAY OF TOURS!

See Composting & Anaerobic Digestion in Action!

Our buses leave @ 8:30am from the ground level of our host hotel, The Crowne Plaza Fallsview. Comfortable clothing is the attire of the day (and throughout our conference). Please bring your safety shoes, vests and glasses as well as hard hat.

City of Hamilton's Central Composting Facility is a three-phase in-vessel aerobic composting operation that processes 20,000 tonnes of source-separated organic waste per year. The organics are sourced from households from the City of Hamilton.

Escarpment Renewables Anaerobic Digestion Facility is a waste-to-energy facility capable of processing over 30,000 tonnes of organics annually. The facility receives residential and commercial organics from the GTA and other local sources. The process generates biogas that is used to generate electricity, and a liquid digestate. The digestate is a CFIA-certified fertilizer, which is land-applied on local farms as an alternative to commercial fertilizers.

Walker's Niagara Resource Management Campus is an innovative and integrated approach to resource recovery, waste management and renewable energy. The Campus includes a GORE® composting facility, renewable natural gas and landfill utilization facility, N-Viro processing facility, residential drop-off depot and a landfill. Its composting facility processes over 65,000 tonnes of municipally generated organics and leaf and yard waste annually into a premium AA compost.

For more information: www.compost.org • 647-655-8759

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THURSDAY OCTOBER 3RD

8am Exhibits Open for Learning & Networking

Opening Plenary

9 AM

POLICY, PLANS AND ACTION IN THE WORLD OF ORGANICS RECYCLING

Capture the Opportunity to Move Your Work Ahead by
Learning from the World of Organics Recycling.

A Global First !

In-person presentations from members of the
International Compost Alliance (ICA)

*Moderator: Geoff Boyd, Walker Environmental
Ontario Chair, The Compost Council of Canada*

Presenters include:

Tony Breton, CRÉ: Composting & Anaerobic Digestion Association of Ireland
Frank Franciosi, US Composting Council
Jenny Grant, REA: The Association for Renewable Energy & Clean Technology
Marco Ricci, Italian Composting & Biogas Association; Altereko sas
Stefanie Siebert, European Compost Network
Michael Wood, AORA: Australian Organics Recycling Association
Susan Antler, The Compost Council of Canada

Lunch & Exhibits, Networking

Noon – 1:30pm

Plenary

1:30pm

I. Policy Updates

Reducing Landfill Methane Emissions:

An Update from Environment and Climate Change Canada

Elizabeth Baxter, Environment and Climate Change Canada

Plastic Bags for the Collection of SSO:

Odours, Participation Rates and Compost Quality

*Pierre-Paul Dion, Québec Ministry of the Environment, Wildlife and Parks,
the Fight against Climate Change*

Advances with Actively-Ventilated Composting at an Existing Site

Serge Loubier, Biogénie inc.

The State of Sustainable Organics Management in New York State

Jesse Kerns, Syracuse University, Center for Sustainable Community Solutions

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THURSDAY OCTOBER 3RD (CONTINUED)

II. Technical Advances and Research

Is it Time to Modify the Acceptable Compost Maturity Threshold?

Paul Arnold, Acadia University

**Development of Soil Spectroscopy Calibrations Using FTIR
in the Mid-infrared Range for Monitoring of Soil Health Properties in Canada**

Gordon Price, Dalhousie University

Innovative Strategies for the Valorization of Mussel Waste as a Liming Agent

Behnam Asgari Lajayer, Dalhousie University

**Quantifying Greenhouse Gas Emissions from Organics Processing Facilities in
Ontario and Nova Scotia**

Alexis de Laronde, Dalhousie University

Break in Exhibit Area

3:30pm

Concurrent Sessions

4pm

I. EPR and Industry Stewardship in the World of Compostables

**Getting Composting Recognized in State EPR Programs:
What That Might Look Like for Canada as EPR Evolves Over Time**

Alex Truelove, Biodegradable Products Institute

Compostable Produce Stickers: FINDING THE COMMON GROUND

Dan Duguay, Canadian Produce Marketing Association

**Demonstrating Complete Biodegradation
with Certified Compostable Materials**

Ravi Chauhan, BASF Canada

II. Research and Programs

Food Loss and Waste: Decarbonizing Canada's Food Value Chain

Grant Clark, McGill University

Measuring Greenhouse Gas Emissions from Windrow Composting in Canada

Dennis Dankwa, McGill University

**Incorporating Sustainability and Economic Viability
in Horticultural & Compost Research**

Kassie Burns, Vineland Research Station

**5:30pm Conference Evening Begins with Food & Networking
in the fine tradition of the Compost Council of Canada**

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Plenary

9am

Case Studies of New Technologies in the Marketplace

Composting at the Source

Joe Tegerdine, Reencle

Application of Dehydrated Food Waste By-Product as Feedstock for Compost Systems

Matt Hoekstra and Mitch Downton, Food Cycle Science

Break

10am

Concurrent Sessions

10:30am

I. Update on Programs

Deodorization of Source-Separated Organic Residuals

Yves Bernard, Biopterre

Peterborough's Organics Program and Facility Rollout: What Went Well and What Could be Improved

Barry Campbell & Don Briand, City of Peterborough

Catch of the Day - In-Vessel Composting in Yellowknife

Karine Gignac, Net Composting and Shannon Ripley, Yarrow Environmental

Compost – An Incredible Journey from Once Upon a Time, to Happily Ever After

Louise Fecteau, Compo-Haut-Richelieu and Jean-Philippe Laliberté, GFL Environmental

II. Processing Advances, Collection Methods, Technology

From Waste to Compost and Bio-Fertilizer

*Ana Maria Salomon Arano and Daniel Gutierrez Salomon,
UltraTeck International*

Composting Biosolids in Bentonville, Arkansas

Léa-Sam Potvin-Cormier, BROME Compost

Using Adaptive Controls to Minimize Odour Emissions from Aerated Static Pile Composting

Baraka Poulin, ECS: Engineered Compost Systems

Round-Table Session:

Cold Weather Composting and Using Technology as an Aid

Aaron Oszcewski, Sustainable Generation

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FRIDAY OCTOBER 4TH (CONTINUED)

Lunch in Exhibit Area

12:30 – 2pm

Closing Plenary

2pm

Getting Down To Earth To Capture Organic Residuals' Full Potential

Biogas at Work

Tom Ferencevic, Fitec Environmental Technologies Inc.

Collaborative Efforts for Enhanced Waste Management – Anaerobic Digestion and Composting Co-Location in Santa Barbara CA

Brian Fuchs, W.L. Gore & Associates

Residual Compost Impact on Soil and Plant Health

Lord Abbey, Dalhousie University

Registration Fees:

Early-Bird Member Rate - **\$675** + HST

Early-Bird Potential Member Rate - **\$795** + HST

Regular Member Rate - **\$850** + HST

Regular Potential Member Rate - **\$995** + HST

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Miller Compost
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VCycene Inc.
Walker Environmental
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