26th ANNUAL NATIONAL ORGANICS RECYCLING CONFERENCE
September 26-28, 2016 • Niagara Falls, Ontario
Register Now!

It’s all about Organics Recycling!

PRESENTATIONS • TOURS
TRAINING • EXHIBITS

www.compost.org
1-877-571-GROW(4769)
It’s all about Organics Recycling!

IT’S ALL ABOUT SOLUTIONS FOR

Waste Minimization & Diversion • Climate Change Mitigation • Soil Health
Food Production • Water Conservation • Erosion Control
Local Jobs & Economic Gains • Community Development

IT’S ALL ABOUT YOU & YOUR SUCCESS

Organics are the largest component of the waste stream and the #1 material being recycled in Canada. So much has been achieved to-date; so much more still to be done.

This conference is the proven destination for all those interested and involved in organics recycling, delivering the latest in updates, extensive training, networking and tours and importantly, access to leading technology suppliers and expertise in collection, processing, regulations and end market developments.

Come and be part of the
26th Annual National Organics Recycling Conference

Learn ! See ! Network !

Niagara Falls, Ontario • September 26-28, 2016

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With Bonus Days of September 25th & 29th
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EXTRA BONUS DAY - SUNDAY SEPTEMBER 25th - 9AM - 5PM (Extra Fees Apply)
This special training day is a combination of refresher training and interactive sessions designed to provide depth on specific aspects of organics recycling.

In the morning, ORGANICS RECYCLING 101 will be the focus. During the intensive three hours, the fundamental principles of organics recycling will be reviewed. Whether you are an experienced facility operator or someone looking to gain an overview of key aspects of recycling success, this refresher session will hit the high & low-“watch out” points for effective operations.

Following lunch, you will have the opportunity to focus your attention on one of the following course offerings to be held from 1 – 5pm:

I. ODOUR MANAGEMENT – Thierry Pagé, Odotech
Going beyond the theoretical, this half-day workshop will delve into odour management for each phase of organic residuals processing: from planning to operation (composting, anaerobic digestion, landfill and transfer stations). Presented by Thierry Pagé, a dedicated specialist with over 20 years of practice in the assessment, measurement and prevention of odours, the session will cover:

- Concepts of odour measurement, sampling and dispersion
- Master planning of odour impact assessment for future and existing facilities
- Odour sources and control considerations for each operational phase
- Odour control technologies
- Setting performance criteria and self-monitoring

II. SOIL HEALTH – Ontario Ministry of Agriculture, Food & Rural Affairs
with a special presentation, Under the Microscope: Identification of Microbes in Compost, by Mike Dorion of Living Soil
This session will dig in to the properties of a healthy soil and how to evaluate as well as improve soil health. This is literally a hands-on session where you will see, smell and touch a range of soil types, all designed to increase your understanding of how compost fits in to the solutions that end markets are looking for to improve soil conditions and productivity. You’ll also be going under the microscope to get up close and personal with the multitude of living organisms found in compost and soils.

III. OPERATOR FUNDAMENTALS in FEEDSTOCK PREPARATION, SAMPLING and the SET-UP of ON-SITE TESTING for COMPOST MATURITY – Roger Henry, Agriculture & Agri-Food Canada and Paul Arnold, Acadia University
This session is aimed to be interactive, enabling you to learn by doing. Through the expertise of our trainers, you will go through the steps to get “the recipe” right and make sure your sampling is done well. The equipment and process as well as the how-to’s of analysis of an on-site testing process to determine compost maturity will also be covered.
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MONDAY SEPTEMBER 26th
Exhibit Hall will be open at 8:00AM

Opening Plenary
9:00AM - 10:00AM

FOR THE LOVE OF THE EARTH™ ... COMPOST!
From Here to Sustainability: How Compost is the Answer
Rod Tyler, FILTREXX INTERNATIONAL

Concurrent Sessions
10:30AM - 12:30PM

I. MAKING PLANS HAPPEN
Challenges to a Land Use Planning Approach for Securing Long Term Organics Processing Capacity in Ontario
Joseph M. Tomaino, MCIP, RPP and Bobbie Thoman, Walker Environmental Group
Safety as a First Priority: Evaluating Risk at Composting and Anaerobic Digestion Facilities
Nellie Brown, Cornell Waste Management Institute
The Surrey Biofuel Facility
Paul Oostelbos, Orgaworld
Capturing the Organic Fraction of MSW
Benoit Lamarche, Englobe, and Georges Szarez, Mabarex

II. SMALL IS BEAUTIFUL: Community Solutions in Organics Recycling from our Good Neighbours to the South
Food Scrap Reduction, Recovery and Composting in Rural and Small Town Communities
Athena Lee Bradley, Northeast Recycling Council
Good News Rising: Organics Recycling Leads by Example in Flint, Michigan
Amy Freeman, Edible Flint
The Best Booty of All: Organics Collection and Composting in Buffalo, New York
Daniel Ash, Farmer Pirates
Waste to Wealth Composting: Building Healthy Soils and Local Economies
Linda Bilsens, Institute for Local Self-Reliance (ILSR)

LUNCH! EXHIBITS!
PLUS! Annual General Meeting of The Compost Council of Canada
12:30 – 2:00PM
AGM @ 1:15-2:00PM
Concurrent Sessions - 2:00 – 3:30 PM

I. PROCESS IMPACTS : EMISSIONS FROM LARGE-SCALE COMPOSTING

Evaluation of Gaseous and Bioaerosol Emissions from Compost Facilities Comparing Three Feedstocks: SSO, Cow Manure and Deadstock
Yves Bernard, CRIQ and Geneviève Marchand, IRSST

Recovering Heat from the Composting Process
Bob Rynk, SUNY Cobleskill

Odour Emission Studies at the Region of Peel
Lambert Otten, Professor Emeritus, University of Guelph

II. DON’T WASTE YOUR FOOD!

Sustaining Food Production and Reducing Food Waste
Ralph Martin, University of Guelph

Saving Food for Hungry People: A Waste Audit on Donations to a Food Bank
Susan Antler, The Compost Council of Canada

Organics Recycling : Updates from Environment and Climate Change Canada
François Letellier, Environment and Climate Change Canada

Concurrent Sessions - 4:00-5:30PM

I. LEADING BY INNOVATION

Innovative Diversion: Creating a New Soil Product Using Materials Otherwise Being Landfilled
Rick Vandersluis, TRY Recycling

Producing Compost Tea with Biofungicidal Benefits
Yves Bernard, CRIQ

The Science of Compostable Polymers
Tom Pitzi, BASF

Thermal Energy from Composting
Brian Jerose, Agrilab Technologies

II. STANDING UP AGAINST CLIMATE CHANGE

Healthy Soils, Climate and the Compost Connection
Glenn Munroe and Sarah Robicheau, Office of the Environmental Commissioner of Ontario

How Durham’s Integrated Waste Management System Supports Climate Change Initiatives
Peter Veiga, Regional Municipality of Durham

Carbon Pricing and the Waste Management Sector
Peter Hargreave, Ontario Waste Management Association and Ralph Torrie, GHD
TUESDAY SEPTEMBER 27th
Exhibit Hall will be open at 8:00AM

Concurrent Sessions
8:30AM - 10:00AM

I. DIGESTING THE OPPORTUNITIES

Logistics of Operating a Farm-Scale Anaerobic Digester in Ontario
Brandon Gilroyed, University of Guelph

Digestate as Composting Feedstock: Benefits to Decomposition Rates
Daryl McCartney, University of Alberta and Edmonton Waste Management Centre of Excellence

Adapting to Change: How Anaerobic Digesters Can Manage Changes in Feedstock Supply
Tom Ferencevic, Yield Biogas

II. CALLING THE COLLECTORS: A ROUNDTABLE DISCUSSION ON BEST PRACTICES AND FACTORS AFFECTING COLLECTION SUCCESS

So much of both diversion success and end product quality depends on the what and how organics are collected. This moderated session will bring together experts in collection products who have helped build the current infrastructure for organics recycling across Canada, providing insights on how we can make our programs better.

Concurrent Sessions
11:00AM - 12:30PM

I. COMPOST FEEDS FARM SOILS

Assessing Soil Amendments for Agriculture
Christine Brown, Ontario Ministry of Agriculture, Food & Rural Affairs

Spreading the Message: COMPOST!
Mike Lishman, Arlington Farms

What I’m Learning in the Field
Scott Mabury, University of Toronto

II. WALKING THE TALK

Independent Community Compost Collection via Bicycle
Sarah Womer, Zero To Go

Composting Toilets: A Pilot Project in Portneuf
Travis Ahearn, Compost Montreal

Worm Composting: From Classrooms to Condos to Corporations!
Cathy Nesbitt, Cathy’s Crawly Composters

Composting: Environmental Action at a Personal Scale
Jacques Charbonneau, Jora Compost
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LUNCH! EXHIBITS!  
12:30-1:30PM

Concurrent Sessions  
1:30-3:30PM

I. IT’S ALL ABOUT THE MARKETS  
Preserving and Restoring Healthy Soil: Updating Compost Use in Soil Specifications
Dean Young, Toronto & Region Conservation Authority (TRCA)

Questioning the Nature of the Threat to Highway Trees: The Role of Soil Compaction in Their Health
Darcy McGrath, Vineland Agricultural Research Station

Great Lakes Agricultural Stewardship Initiative Program Update
Karen Jacobs, Ontario Soil & Crop Improvement Association

Compost Use in Mines in Northern Canada
Paul Larouche, Groupe Commercial Paul Larouche

II. RESEARCH MATTERS  
Soil Food Web: The Soil Ecology of Who Eats Who and Their Relationship with Plant Roots
Mike Dorion, Living Soil

Composting of Sea Lettuce: Impacts on Potato Production
Roger Henry, Agriculture & Agri-Food Canada

What Socio-Economic and Management Factors Play Key Roles in the Success of Organics Diversion Programs? (and What That Means for Phosphorus Recycling)
Jillian Treadwell, McGill University

Using the Composting Process to Mitigate an Avian Influenza Outbreak
Jean Bonhotal, Cornell Waste Management Institute

Closing Plenary  
3:30-5:00PM

COMPOST QUALITY AND EVALUATION  
Benchmarking Compost Quality in Ontario
Cecily Flemming, Ontario Ministry of Environment and Climate Change and Lambert Otten, Professor Emeritus, University of Guelph

Representing Compost Products Accurately and Fairly: Ethical Considerations
Walter Termeer, Fundy Compost

Value-Added Compost: Show Me the Money!
George Lazarovits, A&L Biologicals

CLOSING RECEPTION Followed with Evening Outing
WEDNESDAY SEPTEMBER 28th - MAIN TOUR DAY

Buses will leave the hotel at 8:30AM. Please meet in the lobby no later than 8:15AM. Also, please remember your safety boots, hard hats and safety vests.

Visits will include:

**Walker Environmental**

Walker Environmental is a leading waste management and resource recovery company that develops solutions for environmental challenges that are socially, economically and environmentally sustainable. Their campus includes a GORE® composting facility, N-Viro® processing facility, landfill gas utilization facility, residential drop-off depot and a landfill. The site is a 12-acre facility, handling 65,000 tonnes of municipally-generated organics annually: split between source-separated organics and leaf & yard waste.

**Vineland Research and Innovation Centre – focusing on the research program Greening the Canadian Landscape**

Located in Canada’s Niagara Region, Vineland Research and Innovation Centre is a world-class research centre dedicated to horticultural science and innovation.

The establishment and survival of plants to improve resource efficiency, beautify the Canadian landscape and increase the profitability and competitiveness of the Canadian nursery landscape sector are key goals of their Greening the Canadian Landscape research program. Current research focuses on soil remediation strategies to increase tree growth rates, nutrient management and validation of species selection in remediated sites and fertilization practices for the nursery production industry. The program works with a number of partners across Canada to test and improve tree longevity in challenging locations.

**Bio-En Power Anaerobic Digestion Facility**

The Bio-En Power facility processes 70,000 tonnes of organic materials per year through anaerobic digestion, running 24 hours per day. Bio-En Power accepts feedstocks from municipal organic residuals collection programs and food industry liquids and solids for their anaerobic digestion facility. The plant is designed to produce a maximum amount of biogas for energy production.
THURSDAY SEPTEMBER 29th - BONUS TOUR DAY (Extra Fees Apply)
Buses will leave the hotel at 9:00AM. Please meet in the hotel lobby no later than 8:45AM. **Also, please remember your safety boots, hard hats and safety vests.** The opportunity exists for delegates to be dropped off @ the Toronto Pearson Airport instead of returning back to Niagara Falls. Please discuss these details with Council staff **at least** two weeks in advance of the conference so that all is well planned.

**Visits will include:**

**City of Hamilton Central Composting Facility**
Hamilton’s Central Composting Facility is a three-phase in-vessel aerobic composting operation that processes 60,000 tonnes of source-separated organic waste per year (90,000 tonnes per year peak capacity). The organics are sourced from households from the City of Hamilton, Regional Municipality of Halton and the County of Simcoe.

**City of Toronto’s Disco Road Organics Processing Facility**
The Disco Road Organics Processing Facility currently processes approximately 75,000 tonnes of organic materials each year. In addition to processing organic waste, other facilities located at this site include: a transfer station, public drop-off for Municipal Hazardous and Special Waste, Waste Electrical and Electronic Equipment and outdoor areas for leaf & yard compost distribution.

**Meet Leaders of the Organics Recycling Industry in our Exhibit Area.**
**CONFERENCE EXHIBITORS INCLUDE:**

- BDP INDUSTRIES
- ECOVERSE
- ECS (ENGINEERED COMPOST SYSTEMS INC.)
- GROUPE COMMERCIAL PAUL LAROUCHE INC. (GCPL)
- IPL INC.
- KOMPTECH AMERICAS
- LAFLÈCHE ENVIRONMENTAL
- MILLER COMPOST
- MOLOK NORTH AMERICA LTD.
- ODOTEC INC.
- ORBIS CORPORATION
- PENINSULA PLASTICS LTD.
- REGIONAL MUNICIPALITY OF NIAGARA
- SCARAB INTERNATIONAL
- SOLID WASTE & RECYCLING MAGAZINE
- VERMEER CANADA
- WALKER ENVIRONMENTAL

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**Company Logos**
Yes! I plan to attend.
Please register me as follows:

Name: ____________________________
Organization: ______________________
Address: __________________________
City: __________________ Province/State: _______ Postal/Zip Code: _______
Phone: ______________________________ Fax: _______________________
Email: ______________________________ Fax: _______________________

Visa or MasterCard: __________________ Exp.: __________________
Cardholder Name: ___________________
Cardholder Signature: ________________

☐ Cheque or Money Order enclosed (Payable to The Compost Council of Canada)
☐ Please invoice me.

Fax Back to The Compost Council of Canada (416-536-9892)
For additional information, please visit www.compost.org or call 1-877-571-4769

Registration Fees (Please mark appropriate section)

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<th>All-in-One Conference Packages:</th>
<th>CCC Member</th>
<th>Potential Member</th>
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<tbody>
<tr>
<td>Mon-Wed Early Bird Rate (Prior to Aug 19)</td>
<td>$590 + $76.70 HST</td>
<td>$650 + $84.50 HST</td>
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<tr>
<td>Mon-Wed Standard (After Aug 19)</td>
<td>$650 + $84.50 HST</td>
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<tr>
<td>Speaker Rate* (Mon-Wed)</td>
<td>$275 + $35.75 HST</td>
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<th>Individual Days or Courses:</th>
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<tr>
<td>Workshops (Sun Sept 25)</td>
<td>$100 + $13.00 HST</td>
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<tr>
<td>Monday, including dinner event</td>
<td>$350 + $45.50 HST</td>
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<tr>
<td>Tuesday Sept 27</td>
<td>$275 + $33.75 HST</td>
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<td>Main Tour Day (Wednesday)</td>
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<tr>
<td>Bonus Tour Day (Thurs Sept 29)</td>
<td>$100 + $13.00 HST</td>
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☐ Yes, I plan to attend the conference dinner event, Monday September 26th! (for an indication of expected numbers only, no extra charge)

*Speakers who plan to attend the conference only on the day of their presentation do not need to pay registration fees. The Speaker Rate above applies to speakers who will be attending the full main conference days and tour.

HST Registration: #R136167533

Accommodations:
Our conference hotel, the Hilton Niagara Falls Fallsview (6361 Fallsview Blvd, Niagara Falls ON), is offering special delegate rates starting at $129/night for City View rooms and $159/night for Falls View rooms. Reservations can be made directly with the hotel via e-mail at ecomm@fallshotels.com, at our special group reservations page: http://bit.ly/1RRq33v or by phone at 1-866-873-9829. Please reference your participation in the Compost Council of Canada’s conference to receive these rates. Please check with Council staff about discretionary destination fees (416-535-0240).