

Conference Platinum Sponsor






**Tuesday, May 30**

08:00 - 17:00	<b>Registration Open</b>	
09:00 - 11:00	<b>Nature Walk with Brian and Dee Keating</b>	
10:00 - 13:00	<b>QPCO Meeting</b> Maple A/B	
12:00 - 17:00	<b>Exhibits Open</b> Ballroom C/D/E and Foyer (Networking Lunch from 12:00 – 12:45 pm)	
13:00 - 15:45	<b>Ontario Update Session</b> Ballroom A	<b>Interesting Projects</b> Ballroom B
	<p>Join moderator Grant Walsom and Ontario Ministry of Environment, Conservation and Park (MECP) policy staff for an update and discussion on Brownfields and Excess Soils regulation including such topics as Records of Site Conditions, Risk Assessments, excess soils tunneling spoils.</p> <p>MECP participants:</p> <p>Adam Leus Manager Brownfields and Permit to Take Water</p> <p>Michelle Zehr, Manager Ecological Standards</p> <p>Chris Lompart, Manager Land Use Policy</p> <p>Sponsored by</p> 	<p><b>Residential Redevelopment of a Former Multi-Well Pad and Battery Site Within an Urban Environment</b> John Forbes, Trace Associates</p> <p><b>SEAR Combined with MPE to Resolve Recalcitrant NAPL at Coal Tar Brownfield Site</b> George Ivey, Ivey International</p> <p><b>Windermere Wetland: a History of Contamination, Remediation, Restoration, Innovative Monitoring and Management</b> Gordon Wichert, SLR Consulting</p> <p><b>Significant Return on Investment Achieved by Successfully Remediating a Challenging Chlorinated Solvent Site</b> Kevin French Vertex Environmental</p> <p><b>LNAPL in Bedrock Case Study: Using Two Consecutive Remediation Approaches, MPE (multi-phase extraction) and Injection of a Carbon-Based Amendment</b> Daniel Brenner &amp; Iain Walton Vertex Environmental Inc.</p>
15:45 - 16:30	<b>Networking 101</b> Maple A/B Open to first time RemTech East attendees and those new to the industry. Hear from industry leaders about how to best network, maximize your time at the conference and take advantage of all of the opportunities that RemTech presents. Limited to 50 people.	

18:00- 21:00	<p><b>Table Rock Restaurant Reception</b></p> <p>ESAA and ONEIA are pleased to welcome you to RemTech East. The opening reception features a selection of foods from across Canada and the Niagara Area. In addition, take the opportunity to Journey Behind the Falls.</p> 	<p>Reception sponsored by</p>  <p>Drink Tickets sponsored by</p> 
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## Wednesday, May 31

07:00 - 08:30	<b>Registration and Networking Breakfast</b> Ballroom C/D/E	
08:30 - 08:45	<b>RemTech East Conference Opening</b>	
		<p>Welcoming Remarks and Keynote Ballroom C/D/E</p>
08:45 - 09:40	<p><b>Opening Keynote</b> Ballroom C/D/E</p>  <p>Matt Jamieson, President / CEO Six Nations of the Grand River Development Corporation</p>	<p>Sponsored by</p> 
09:40 - 10:00	<b>Networking Break in Exhibit Area</b> Hall C/D/E and Foyer	

# Agenda



	Canadian Brownfields Network Maple A/B	Legal/Regulatory/ Government Updates Ballroom A	Ex-Situ Remediation Ballroom B
10:00 - 10:30	<b>Climate Resilient Brownfield Remediation</b> Meggen Janes & Karen Bechard Geosyntec Consultants	<b>CER Reported Contaminated Sites and Remediation Operating Practices Update</b> Adele Houston Canada Energy Regulator	<b>STARx Treatment Plants: Smouldering Hydrocarbons, Waste Products, Contaminated Soils, and Recalcitrant Compounds at Scale</b> Dave Liefel, Savron
10:35 - 11:05	<b>Technical and Strategic Considerations for the Use of Risk Assessment at a NAPL-Impacted Brownfield</b> Peter Sutton & Paul Cheung Terrapex	<b>Newton's Pendulum: The Swinging Spheres of Environmental Law</b> Jacquelyn Stevens Willms & Shier Environmental Lawyers LLP	<b>(The) Intersection of Excess Soil Management and Site Remediation in Ontario</b> Grant Walsom XCG Consulting
			Groundwater Management and Treatment Ballroom B
11:10 - 11:40	<b>Environmental Insurance: A Case Study Involving Active Litigation, Complicated History, and Multiple Transactions!</b> Carl Spensieri Berkley Insurance Marc McAree Willms & Shier Environmental Lawyers LLP	<b>O. Reg. 406/19 On-Site and Excess Soil Management: Procurement and Contract Best Management Practices</b> David Wong EnVision Consultants	<b>Legacy Hydrocarbon Production and Related Factors Contributing to Degraded Groundwater Quality in Southwestern Ontario</b> Stewart Hamilton Matrix Solutions
11:45 - 12:15	<b>How Do You Drown a tree? And Other Unique and Challenging Construction Aspects</b> Nicholas Doucette QM Environmental	<b>Federal Contaminated Sites Action Plan Demand Forecast 2023-2028</b> Brad Simpson Public Works and Procurement Canada	<b>Optimizing Groundwater Treatment for Complex Construction Sites: 2 Case Studies</b> Nathan Lichti and Mahshid Jannati Vertex Environmental

12:15 - 14:00	<b>Lunch and Keynote Presentation</b> Ballroom C/D/E		
		<b>Leadership Lessons Learned from the Shackleton Expedition</b> Brian Keating Going Wild	Sponsored by 
14:00 - 14:20	<b>Networking Break</b> Ballroom C/D/E and Foyer		
	<b>Brownfields</b> Maple A/B	<b>PFAS</b> Ballroom A	<b>Technology and Research</b> Ballroom B
14:20 - 14:50	<b>Use of Debris-Containing Soil for a Stormwater Pond – The Case for Sustainable Remediation</b> Michael Lupart Trace Associates	<b>Innovative In Situ Solution to Persistent PFAS Groundwater and Soil Contamination</b> Jean Pare, Chemco	<b>Knock-knock, Who's There? Using Next Generation Sequencing to Understand Your Environment</b> Melody Vachon, SiREM
14:55 - 15:25	<b>Engineering a Sustainable Remediation Approach</b> Suvish Melanta and David MacGillivray Grounded Engineering	<b>STAR and STARx – A Smouldering Solution to PFAS from Laboratory to Field Scale Application</b> Laura Kinsman, Savron	<b>How Modern Digital Platforms can help you Achieve 100% Budget Control</b> Vincent Lam, Matidor
15:30 - 16:00	<b>(The) Redevelopment of Oshawa Harbour – Conversion of Federal Contaminated Land into a Municipal Waterfront Park through Site Assessment, Risk Management, and Soil Management</b> Pamela Cameron and Trevor Mahoney XCG Consulting	<b>Innovative In-Situ Remediation Approach to Treat PFAS-Impacted Groundwater</b> Matt Pourabadehei SNC-Lavalin	<b>Addressing the Need for Data Governance using Data Management Software as a Valuable Tool in Site Remediation</b> Nick Tumney esdat software by escis
16:05 - 16:35	<b>Keys to Successful In-Situ Remedial Design at Brownfields Sites: A Comprehensive Approach Utilizing Design Verification Testing and Flux Tracer Tools</b> Elliot Maker, Regenesis	<b>Treating PFAS: Current In-Situ Remediation Approaches</b> Bruce Tunnicliffe Vertex Environmental	<b>New Age Technology at Toronto Portlands, and Lessons Learned</b> Sajid Alimohamed QM Environmental

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16:30 - 18:30	<b>Reception</b> Ballroom C/D/E and Foyer		
		<p>Join us for a chance to network in the trade show with exhibitors. Reception will feature a selection of hot and cold appetizers and the live music of the <i>Sandy Vine Duo</i>.</p>	<p>Drink Tickets Sponsored by</p> 

## Thursday, June 1

07:30 - 8:30	<b>Breakfast Keynote</b> Ballroom C/D/E		
		<p><b>Building the Next Generation of Conservationists</b> Tovah Barocas and Christina Ingraldi Earth Rangers</p>	<p>Sponsored by</p> 
	<p><b>A Little Bit of Everything</b> Maple A/B</p>	<p><b>In-Situ</b> Ballroom A</p>	<p><b>Bioremediation</b> Ballroom B</p>
08:30 - 09:00	<p><b>Remediation and Risk Management Strategies for Managing an LNAPL Impacted Site</b> Sam Caldwell Stantec Consulting</p>	<p><b>Combined ISCO/ISS and other Environmental Soil Mixing Applications: Case Study</b> Nathan Coughenour Canada Geo-Solutions Hubert Guimont Menard Canada</p>	<p><b>Bioaugmentation- It's Not Just for TCE Anymore</b> Corey Scales, SiREM</p>

09:05 - 09:35	<b>Risk of Undetected Gas Emission Venting and Migration</b> Ryan Doull 360 Energy Liability Management	<b>Pilot Scale In Situ Treatment of Chlorinated Solvent Source Zone - Use of Compound-Specific Isotope Analysis (CSIA) to Assess Treatment Performance and Injection Design</b> Daniel Bouchard, GHD	<b>Field Applications of Anaerobic BTX Bioaugmentation Cultures</b> Sandra Dworatzek SIREM
09:40 - 10:10	<b>Air Sparging and Soil Vapor Extraction System for the Remediation of Volatile Organic Compounds in Groundwater and Soil Vapour - A Contractor's Perspective</b> Nishil Mohammed Green Infrastructure Partners	<b>In-Situ &amp; Ex-Situ Remediation of cVOC Impact in Conjunction with Site Construction Activities: Challenges &amp; Perspectives from the Landowner, Remedial Contractor &amp; Environmental Consultant</b> Jaka Suryana Stantec Consulting	<b>Understanding Temperature Effects on Bioremediation and Cleanup Timeline: Case Studies</b> George Spakowski TRIUM Environmental
10:10 - 10:30	<b>Networking Break in Exhibit Area</b> Hall C/D/E and Foyer		
	<b>Reclamation</b> Maple A/B	<b>Natural Attenuation and Phytoremediation</b> Ballroom A	<b>Ex-situ and In-Situ</b> Ballroom B
10:30 - 11:00	<b>Roadside Vegetation Naturalization Pilot Project in Calgary, Alberta</b> Kent Cryer Earthmaster Environmental Strategies	<b>Recognizing Natural Source Zone Depletion (NSZD) for a More Sustainable Approach to the Long-Term Management of Residual LNAPL at the CN Gogama Release Site</b> Matthew Rousseau GHD	<b>Optimizing Ex situ Bioremediation of Recalcitrant Compounds in Canada's Cold Climate</b> Jean Pare, ChemoCo

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<p>11:05 - 11:35</p>	<p><b>Dewatering and Containment of Heavy Metal Contaminated Sediments with Geotextile Containers and Polymers. Developing and Validating System Performance and Design</b> Tyler Anderson Global Dewatering</p>	<p><b>Soil Respiration Rates under Natural Attenuation versus Enhanced Biodegradation</b> Sophia Dore, GHD</p>	<p><b>Using Geochemical Data to Trouble Shoot Variable Performance Following ISCO</b> Brant Smith, Evonik</p>
<p>11:40 - 12:10</p>	<p><b>Overcoming the Engineering Challenges with Giant Mine Remediation Project</b> Chris MacInnis Crown Indigenous Relations and Northern Affairs Canada</p>	<p><b>Plant Uptake of Petroleum Hydrocarbons and Trace Metals and Derivation of Soil-to-Plant Uptake Factors: Advancing the Science of Environmental Risk Assessment</b> Erik Martin Vertex Resource Group</p>	<p><b>Treatability Options for Metals Contaminated Sites</b> Larissa Smith, SiREM</p>
<p>12:10 - 14:00</p>	<p><b>Closing Keynote Lunch</b> Ballroom C/D/E</p>		
		<p><b>Building a Crisis Proof Team</b> Yvonne Camus Ecochallenge Adventure Racer</p>	

