



Agenda

Wednesday, April 20


12:00 - 18:00	Registration and Exhibitor Setup Grand Foyer and Imperial Ballroom
15:00 - 17:00	ESAA Annual General Meeting and Reception Stephen A/B

Thursday, April 21

07:30 - 08:30	Networking Breakfast Imperial Ballroom	
08:30 - 09:30	Opening Remarks (ESAA President) and Keynote Imperial Ballroom	
	 <p>The Project Forest Story Mike Toffan, Executive Director</p> 	<p>Sponsored by</p>  
09:30 - 10:00	Networking Break Exhibit and Networking Areas	
	Air Harold/Doll	Climate Change/ Sustainability Bannerman/Walker
10:00 - 10:30	Reducing Methane Emissions One Alt-Femp at a Time Terence Trefiak, Montrose Environmental	Geothermal Energy Sources, Applications and Benefits Vladimir Agatonovic ECOTERRA Solutions
10:35 - 11:05	Using Intelligent Emissions Monitoring to Effectively Manage Emissions Dennis Prince, Airdar	Net Zero 2050: Energy Transition Opportunities for Alberta Dani Urton Vertex Resource Group

11:10 - 11:40	Appropriate Use of Dust Suppressants to Achieve Effective Dust Control for Unpaved Roads, Construction and Industrial Sites Xin Qiu and Amanda Allen SLR Consulting	Sustainability for Small- and Medium-Sized Enterprises – A Western Canada Case Study Jacqueline Gorman Trace Associates
11:40 - 13:40	Keynote Lunch, Imperial Ballroom	
	 <p>Canada Today and Tomorrow Andrew Coyne, Postmedia</p>	
	Sponsored by	 <p>Matrix Solutions Inc. ENVIRONMENT & ENGINEERING</p>
13:40 - 14:00	Networking Break Exhibit and Networking Areas	
	<p>Technology Harold/Doll</p>	<p>Unique Locations/Projects Bannerman/Walker</p>
14:00 - 14:30	Interactive App for GW Statistical Trend Analysis and 2D Plume Stability Visualization Khalid Lemzouji, Analythium	Waste Management for Northern Canadian Communities Reanna Berg and Shawn Samborsky, CORE Environmental Consulting Inc.
14:35 - 15:05	Advantages in the Application of Thermal Desorption Tubes in Soil Vapour Investigations Bryan Shaw CARO Analytical Services	Zeolite-Based Potassium Extraction from Potash Mine Tailings and Brines for Value-Added Soil Amendments Brandon Stoner University of Saskatchewan
15:10 - 15:40	Use of GIS and Custom Apps for Wind Farm Environmental Assessments (EAs) Jeff Benjamin, Dillon Consulting	De Beers Victor Mine Demolition Project – Remote and Challenging Locations Enrique Bayata Priestly Demolition

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	Technology (cont'd) Harold/Doll	PFAS Bannerman/Walker
15:45 - 16:15	What You Need to Know About Digital Transformation Vincent Lam, Matidor.com	Pushing the Boundaries on Quantitative PFAS Analysis Darlene Hoogenes-Statsny ALS Environmental
16:20 - 16:50	Managing Environmental Data via ESDat Online to Meet Updated Regulatory Requirements, Support Efficient Workflows and Establish a Work-Life Balance Culture Nick Turney, EarthScience Information Systems and Jane Pirie, Gwaii Engineering	Destructive Technologies Overview for Complete PFAS Treatment Solutions Paul Newman, ECT2
16:50 - 18:30	BOURBON, Beef & the Blues Reception Exhibit Area	
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;">  </div> <div style="flex: 2;"> <p>Visit the 'bourbon' or "build your own Caesar" bar while you enjoy a selection of interesting hors d'oeuvres and the blues music of John Rutherford. (Other drink options will be available)</p> <p>Door Prizes</p> <ul style="list-style-type: none"> • Bottle of Bourbon • Taylor Made Golf Bag and a round of golf for 4 at Alberta Springs • \$500 in Gift Cards <p>How to enter</p> <ul style="list-style-type: none"> • Receive 1 ticket for attending the Opening Reception </div> </div> <p>Sponsored by</p> <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> <p>2 complimentary drink tickets sponsored by</p> </div> <div style="text-align: center;">  </div> </div>		

Friday, April 22

07:30 - 08:15	Networking Breakfast Imperial Ballroom	
	Water Harold/Doll	Remediation Bannerman/Walker
08:15 - 08:45	Bioaugmentation Application for Enhancing the Performance of an RBC Wastewater Treatment Plant and Improving Ammonia Removal Dimitris Chrysochoou, TradeWorks Environmental	Using Hydrous Ferric Oxide to Remediate Dissolved Arsenic (A Case Study) Jake Gossen, Langan International
08:50 - 09:20	Advantages of Using Integrated Surface Water/ Groundwater Models Throughout the Planning and Evaluation Process of Low Impact Development (LID) Strategies for Land Development and Ecosystem Conservation Christian Gabriel and Colin Hansen, Matrix Solutions	Bioremediation – Eliminating the Entire Spectrum of Hydrocarbons through a One-Time Application Myles Ethier, Long Chain Reclaim
	Water (cont'd) Harold/Doll	Regulatory/Engagement/ Stewardship Bannerman/Walker
09:25 - 09:55	Municipal Wastewater Treatment Henk ten Wolde Canstar Solutions	Hydrogen Development in Alberta: Policy, Regulation, and Future Development Michael Barbero McLennan Ross LLP
10:00 - 10:30	Reuse of Stormwater and Municipal Effluent (Case Studies) Bill Berzins, Aquen	Through the Lens of Recent Environmental Decisions and Legislation: The Ever-Changing Practice of Environmental Law – Part 1 Jacquelyn Stevens and Matthew Gardner, Willms & Shier Environmental LLP

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10:30 - 10:50	Networking Break Exhibit and Networking Areas	
	Water (cont'd) Harold/Doll	Regulatory/Engagement/ Stewardship (cont'd) Bannerman/Walker
10:50 - 11:20	Discharging of Industrial and Municipal Effluent in a Changing Climate Robert Best, SLR Consulting	Through the Lens of Recent Environmental Decisions and Legislation: The Ever-Changing Practice of Environmental Law – Part 2 Jacquelyn Stevens and Matthew Gardner, Willms & Shier Environmental LLP
11:25 - 11:55	In-Field Study Evaluating Rates of TCE Biotransformation Using Carbon-Based Biostimulation Additive ERDenhance Alone vs. ERDenhanced Combined with Zero Valent Iron (ZVI) Kent Armstrong, TerraStryke Products LLC	Licensee Life-Cycle and Liability Management Framework for Energy Projects in Alberta – Legislative, Regulatory and Case Law Update Since Redwater Chidinma Thompson, Borden Ladner Gervais
12:00 - 12:30	Water Valuation: How to put a price on priceless? Sheila Duchek, SNC-Lavalin	Practical Implications of the Supreme Court of Canada's Decision in References re Greenhouse Gas Pollution Pricing Act Mark Youden and Josh Jantzi, Gowling WLG
12:30 - 14:30	Closing Keynote Lunch Imperial Ballroom	
	 <p>There's Prediction ... Then There's Pre-Fiction Jay Ingram Science Writer, Broadcaster, Former Host of Discovery Channel's Daily Planet</p>	<p>Sponsored by</p> 

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announces!

Remediation
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Niagara Falls | 2022

Mark the date!

June 1 – 3, 2022, Fallsview Casino and Resort

together with the **canadian
water
summit**



Fallsview Casino and Resort, Behind the Falls tour and Dinner at Table Rock House restaurant