





Agenda



Conference Platinum Sponsor

Wednesday, June 1

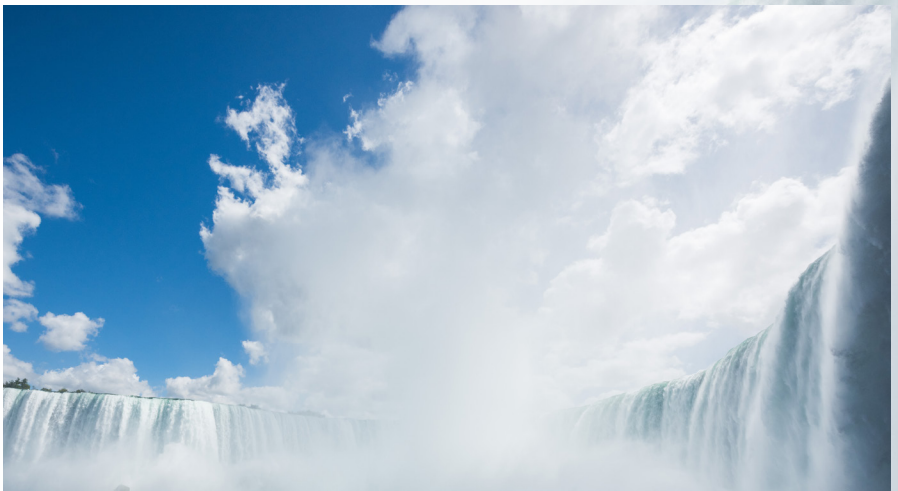
09:00 - 17:00	Registration Open		
10:00 - 13:30	ONEIA / Qualified Persons Community of Ontario (QPCO) Workshop Maple A/B		
12:00 - 17:00	Exhibits Open Ballroom B/C/D and Foyer		
12:00 - 12:45	Networking Lunch Ballroom B/C/D and Foyer		
	ONEIA / Qualified Persons Community of Ontario (QPCO) Workshop (cont'd) Maple A/B	Land Stewardship Ballroom A	Risk Management & Assessment Ballroom E
12:45 - 13:15	QPCO Workshop (continued)	Remediation of Wetland Used by First Nation for Plant Harvesting Muntazir Pardhan Dillon Consulting	Prairie NSZD: A Comparison of NSZD Rates Across Eight Sites Using New High-Data Density Technology Steven Mamet Environmental Material Science
13:20 - 13:50	QPCO Workshop (continued)	Boat Harbour Sludge Thickness Mapping and Volume Calculations Timothy Bachiu WSP Golder	Use of Risk Assessment to Develop Remediation Goals Karen Bechard and Ashkan Arefi Geosyntec Consultants
13:55 - 14:25		No Quick Fixes to Gas Well Problem – Case Study – Big Creek Valley, Ontario Louis-Charles Boutin and Cam Baker Matrix Solutions	Assessment, Remediation, Capping and Closure of a Former Construction & Debris (C&D) Landfill Site, Harrietsfield Nova Scotia Rob McCullough AECOM
14:25 - 14:45	Networking Break Exhibit Area Ballroom B/C/D and Foyer		

	ONEIA Technical Sessions Maple A/B	Groundwater Ballroom A	Risk Management & Assessment Ballroom E
14:45- 15:35	(A) Multidisciplinary Approach to Remediate Tetrachloroethylene Impacted Groundwater Beneath a Building Kerry-Anne Pumphrey BlueFrog Environmental Consulting	Bioaugmentation – A Canadian Perspective Sandra Dworatzek, SiREM	“How Much is Enough” Design Factors for In-Situ Chemical Remediation Oskar Pula TRIUM Environmental
15:20- 15:50	(The) Importance of a Good 3D Conceptual Site Model in Remediation of a Chlorinated VOC Impacted Groundwater Site in Eastern Ontario Jonathan Coakley Stantec	In-Situ Chemical Injection to Treat Chlorinated Solvents in Groundwater Takako Matsueda SLR Consulting	In-Situ Permeable Reactive Barrier Remediation Optimization using High Resolution Site Characterization Tools – A Case Study Patrick O'Neill Vertex Environmental
15:55- 16:25	Underwater Noise Impacts from Remediation Dredging: Best Practices and Mitigation Alternatives Jonathan Vallarta SLR Consulting	Metals & Organic contaminant Removal using Novel Iron Media for ex situ Groundwater Remediation and Industrial Wastewater Treatment Jean Pare, Chemco	Temporary Mobile Water and Wastewater Treatment Systems for Environmental Remediation: A Contractor's Perspective Nishil Mohammed GFL Environmental
18:00- 21:00	Table Rock Restaurant Reception		Reception sponsored by
	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.		
			Behind the Falls sponsored by
			

Thursday, June 2


07:00 - 08:30	Registration and Networking Breakfast Ballroom B/C/D		
08:30 - 08:45	RemTech East / Canadian Water Summit Joint Conference Opening		
	 <p>emediation technologies symposium EAST Niagara Falls 2022</p>	<p>Welcoming Remarks and Keynote Ballroom B/C/D</p>	 <p>canadian water summit</p>
08:45 - 09:40	Opening Keynote Breakfast Ballroom B/C/D		
		<p>Inside the Minds of Canadians</p> <p>Nik Nanos Nanos Research</p>	<p>Sponsored by</p>  <p>Willms & Shier Environment Indigenous Energy Law</p>
09:40 - 10:00	Networking Break in Exhibit Area Hall B/C/D and Foyer		
	<p>Canadian Brownfields Network Maple A/B</p>	<p>Emerging Contaminants Ballroom A</p>	<p>Canadian Water Summit Sessions Ballroom E</p>
10:00 - 10:30	<p>(The) Implications and Challenges Experienced at a Brownfield Development Project Paul Cheung and Peter Sutton, Terrapex</p>	<p>Differences and Similarities in PFAS Risk in Europe and Quebec Hugo Carronnier, Valgo and Gabriel Munoz from Université de Montréal</p>	<p>The Value of Water What does the average Canadian think about water? In this opening panel discussion, experts from across the water industry take a deep dive into how water is governed and valued, the challenges of a one water approach, and the drive to increase water's status on a national level.</p>
10:35 - 11:05	<p>Environmental Insurance for Brownfields (Case Studies) Carl Spensieri, Berkley Canada</p>	<p>Electrochemical Degradation of PFAS Mass in Redundant Stocks of AFFF Concentrate and First Flush Washwater – Pilot-Scaled Field Demonstration John Santacroce, AECOM</p>	<p>Melanie Debassige, Ontario First Nations Technical Service Corporation Lara Ellis, ALUS Paul Griss, Alliance Water Stewardship Jon Radtke, Coca-Cola North America Moderator: Robert Haller, Canadian Water and Wastewater Association</p>

11:10 - 11:40	Remediation Contracting is Dead Nicholas Doucette & Pete Craig QM Environmental	Field-Scale Treatability Study – Soil Washing of PFAS-Contaminated Soils Peterson Air Force Base, Colorado Paul Newman, ECT2 Steve Becker Brice Environmental	Thirst for Innovation Innovative water technologies, groundbreaking research, and data governance solutions are just a few key ways the water industry is protecting Canadians' health. Attend this session to get a peek at what the future holds for Canada's water sector.
11:45 - 12:15	Tools to Reduce Vapour Intrusion Mitigation System Installation and Operating Costs for Brownfields Paul Nicholson Geosyntec Consultants	Pushing the Boundaries on Quantitative PFAS Analysis Katrina Zwambag ALS Environmental	Irene Hassas , Aslan Technologies – Portable Water Systems Pamela Robinson , Toronto Metropolitan University – Data Governance Michele Samuels , Xylem – Water Equity and Non Revenue Water
12:15 - 14:00	RemTech East / Canadian Water Summit Joint Lunch and Keynote Presentation Ballroom B/C/D <div style="display: flex; align-items: center; justify-content: space-between;"> <div data-bbox="259 743 487 927" style="text-align: center;">  </div> <div data-bbox="508 743 724 938" style="text-align: center;"> Leadership and Resilience: The Race to Save Antarctica Robert Swan OBE, BA, FRGS Explorer Founder of 2041 </div> <div data-bbox="753 743 979 862" style="text-align: center;"> Sponsored by  </div> </div>		
14:00 - 14:20	Networking Break in Exhibit Area Hall B/C/D and Foyer		



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	Regulatory / Legal Maple A/B	Data Management & Technology Ballroom A	Canadian Water Summit Sessions Ballroom E
14:20 - 14:50	<p>Through the Lens of Recent Environmental Decisions and Legislation: The Ever-Changing Practice of Environmental Law – Part 1</p> <p>Jacquelyn Stevens and Matthew Gardner Willms & Shiers Environmental Lawyers LLP</p>	<p>Digging Deeper with 3D RaVE: Managing and Visualizing Impacted Excess Soils Using Three-Dimensional, Rapid, Volume Estimation Technology</p> <p>Brant Gill Matrix Solutions</p>	<p>Lessons Learned from the Big Shots</p> <p>In this session, we will be taking a closer look at two large urban water projects and the challenges faced in meeting the needs of their communities while addressing critical environmental issues.</p> <p>Steve Desrocher, Port Lands Flood Protection and Enabling Infrastructure Project (Risk Management and Monitoring) Don Forbes, Port Lands Flood Protection and Enabling Infrastructure Project (Flood Protection) Marek Rataczak, Iona Island Wastewater Treatment Plant</p>
14:55 - 15:25	<p>Through the Lens of Recent Environmental Decisions and Legislation: The Ever-Changing Practice of Environmental Law – Part 2</p> <p>Jacquelyn Stevens and Matthew Gardner Willms & Shiers Environmental Lawyers LLP</p>	<p>What You Need To Know About Digital Transformation</p> <p>Vincent Lam Matidor.com</p>	
15:30 - 16:00	<p>2020 Remediation Process Guide and CER Remediation Operating Practices Update</p> <p>Adele Houston and Holly Kingston Canada Energy Regulator</p>	<p>(The) Port Lands Flood Protection Project – How Advanced Petroleum Hydrocarbon Forensic Tools Can Be Used To Support Successful Bioremediation Programs</p> <p>Don Forbes WaterFront Toronto Francine Kelly-Hooper Stantec</p>	<p>Making a Splash</p> <p>Do you have what it takes to make a difference? We're shining a (well-deserved!) spotlight on innovators driving Canada's water industry.</p> <p>Zanina Ilieva, Student Scientist: PFAs Remediation Study Ben Kerr, Foundry Spatial Indra Maharjan, Ontario Clean Water Agency Banu Ormezi, Carleton University</p>
16:05 - 16:35	<p>Excess Soils and O.Reg. 406/19 – The Contractors' Perspective</p> <p>Mike Gawel Vertex Environmental</p>	<p>Mycoremediation – Mushrooms for More than just Food</p> <p>Oskar Pula TRIUM Environmental</p>	

16:30 - 18:30	<p>RemTech East / Canadian Water Summit Joint Reception Ballroom B/C/D and Foyer</p> <p style="text-align: right;">Reception sponsored by  Drink Tickets sponsored by </p> <p style="text-align: center;">  right solutions. right partner. </p> <p style="text-align: right;">  Powering esdat </p>
18:30 - 21:00	<p>Water's Next Awards Dinner Ballroom E Celebrating Canadian Water Leaders and Champions</p> <p>The 2022 Water's Next Awards gala recognizes people, projects, and technologies that demonstrate a strong commitment to improving the quality of the Canadian water sector. Visit watersummit.ca for this year's finalists.</p>

Friday, June 3

07:30 - 8:30	Networking Breakfast Ballroom B/C/D		
	Unique Projects & Locations Maple A/B	Research & Technology Ballroom A	Canadian Water Summit – Diversity in Water Panel Ballroom E
08:30 - 09:00	First to Field Mass Mixing In-situ Stabilization / Solidification Remediation in Uncharted Waters of Kendall Bay Dogus Meric Geosyntec Consultants	Large Scale Sub-Slab Vapour Intrusion System - A Case Study Devin Rosnak and Frank Schlaefli GFL Environmental	Driving Diversity In this panel discussion experts explore how cultivating a diverse, inclusive water industry drives creativity, supports succession planning, and attracts top talent. Yogendra Chaudhry , VP Professional Services & ESG, ECO Canada André Darmanin , Principal, Urban Equity Consulting Services Farokh Laqa Kakar , President, Young Water Professionals Canada Tara Macrae , Manager Water Operations, City of Surrey
09:05 - 09:35	Redevelopment On Or Near Oil & Gas Wellsites in Alberta – A Minefield of Safety, Environmental, and Planning Considerations Michael Lupart Trace Associates	Leveraging the Synergies of Molecular Biological Tools and CSIA for MNA and Enhanced Bioremediation Assessment Phil Dennis, SIREM	
09:35 - 10:00	Networking Break in Exhibit Area Hall B/C/D and Foyer		

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	Unique Projects & Locations Maple A/B	Research & Technology Ballroom A	Canadian Water Summit – Downstream Workshop Ballroom E
10:00 - 10:30	<p>De Beers Victor Mine Demolition Project – Remote and Challenging Locations Enrique Bayata Priestly Demolition</p>	<p>(The) Multitude of Uses for Plant Growth Promoting Bacteria in Soil Remediation and Site Management Elizabeth Murray Earthmaster Environmental Strategies</p>	<p>Downstream: Student Speed Networking Event For the first time ever, CWS is hosting a student networking event to bring current and future generations of water industry professionals together to cultivate an inclusive, diverse, and thriving water sector.</p>
10:35 - 11:05	<p>Thermal Remediation of Soils Impacted with Explosives, PCB's and PAH's at the Former Ravenna Army Ammunition Plant Superfund Site – Portage and Trumbull Counties, Ohio Chad Belenky Iron Creek Group</p>	<p>Combined Remedies Approach Tackles Large DNAPL Solvent Site Mike Mazzaresse AST Environmental</p>	<p>Students, recent graduates, and early career professionals will learn from and network with industry experts representing different streams of Canada's water sector. They will take part in a series of seven 15-minute roundtable discussions.</p> <p>During the Downstream Student Networking Event, Water Summit Attendees are welcome to join the RemTech East sessions</p>



11:10 - 11:40	<p>Randle Reef Sediment Remediation Project Stage 2 – Methodologies Utilized for Contaminated Sediment Dredging, Thin Layer/Isolation Capping, and Water Treatment” Wayne Harris Milestone Environmental</p>	<p>Bioremediation 4.0: What Prokaryotic Microbes Can Really Accomplish and the Role of Quorum Sensing and Signaling (QSS) Plays Kent Armstrong, TerraStryke Products LLC</p>	<p>Experts and Discussion Topics Yogendra Chaudhry, ECO Canada – Collaborating with Indigenous Communities Robert Haller, CWWA – Emerging Contaminants Farokh Laqa Kakar, Young Water Professionals – Making Meaningful Connections Indra Maharjan, OCWA – The Role of Cleantech</p>
11:45 - 12:15	<p>Saskatchewan Non-Uranium Abandoned Mines Clean-up Program Dale Kristoff and Brent Zelensky Government of Saskatchewan</p>	<p>Partitioning and Storage of Per- and Polyfluoroalkyl Substances Considering Precursors and Multi-Bilayer Supramolecular Assemblies in Unsaturated and Saturated Zones of Fire Training Areas Ian Ross, Tetra Tech</p>	<p>The Role of Cleantech Jon Rattke, Coca Cola – Protecting Source Water Anna Naylor, Students on Ice – Sustainable Blue Economy Career Opportunities Mark Gloutney, Ducks Unlimited – Reasons to Love Canadian Wetlands Moderator: Corinne Lynds, Actual Media</p>
12:20 - 14:00	<p>RemTech East / Canadian Water Summit Joint Closing Lunch and Keynote Ballroom B/C/D</p> <div data-bbox="293 837 487 971" data-label="Image"> </div> <p>Balancing People and Nature Simon Jackson Founder of the Spirit Bear Youth Coalition</p>		

