

Brownfield Renewal:

Addressing Tomorrow's Challenges

**CBN ANNUAL CONFERENCE • MAY 3, 2023
TORONTO METROPOLITAN UNIVERSITY**



President's Message

Welcome to CBN's 2023 Annual Conference on Brownfield Renewal: Addressing Tomorrow's Challenges.

This year we kicked-off our Annual Conference with a pre-conference tour sponsored by Kilmer Brownfield to give us a behind the scenes look at one of Canada's largest brownfield redevelopment projects! The focus of this year's Annual Conference will be on a variety of critical issues related to brownfield renewal, featuring engaging sessions, case studies, panel discussions, and the HUB Awards.

Our CBN community is a national community of brownfield professionals, from coast to coast, dedicated to transforming formerly underutilized, depressed, and contaminated properties, into beacons for the development of sustainable and vibrant communities.

The CBN has made considerable strides in recent years, including:

- increasing its national presence and representation across Canada,
- forming the CBN's Membership and Development Committees to facilitate our national membership mandate and brownfield redevelopment opportunities, and
- keeping CBN's members connected and providing strong value through webinars and conferences.

I would like to take this opportunity to thank our Executive Director, Co-Vice Presidents, and the CBN Board, Executive, Committee Members and Chairs. I'm very fortunate to have had such a great team of brownfield professionals who joined me in advancing the CBN's vision. These individuals volunteered their time

and expertise to further brownfield redevelopment across Canada. I want to thank each of them for their volunteerism, hard work, and dedication. Their commitment is what makes the CBN possible.

I would like to provide a special thanks to our Conference Committee who worked tirelessly to bring you today's program. Their work on CBN's Annual Conference has been tremendous.

Thank you also to our Conference and Award Sponsors for their financial support, helping to make CBN's Annual Conference possible.

Lastly, I would like to thank all of you for attending today. With your involvement, we can continue to increase the CBN's presence across Canada, provide education, propose solutions, and advance opportunities for brownfield renewal for future generations.



John Georgakopoulos

B.Sc. (Hons), M.Sc., LL.B.,

Partner, Willms & Shier
Environmental Lawyers LLP
and President, Canadian
Brownfields Network





| a Berkley Company

HOW WE HELP ADDRESS BROWNFIELD RENEWAL CHALLENGES

- MITIGATE THIRD PARTY LIABILITY RISKS ARISING FROM POLLUTANTS AT OR MIGRATING FROM THE SITE
- BACKSTOP INDEMNIFICATIONS AND RELEASES THAT FORM PART OF THE SITE ACQUISITION OR SALE
- REDUCE THE RISK OF COST OVERRUNS ASSOCIATED WITH DISCOVERING NEW POLLUTANTS DURING THE COURSE OF SITE RENEWAL OR DEVELOPMENT
- PROVIDE ADDITIONAL SECURITY FOR LENDERS AND INVESTORS
- FACILITATE THE SALE OR TRANSFER OF THE SITE POST REMEDIATION OR DEVELOPMENT
- INSURE THE EFFECTIVENESS OF ENGINEERING CONTROLS (FINANCIAL ASSURANCE) ON RISK ASSESSED SITES

CASE STUDY APPLIED:

Risk Assessed Industrial Property (\$29 Million)

2.3 acre industrial property, historically used for aviation parts manufacturing. Chlorinated solvents exist beneath the property (and migrating off-site). Purchase and Sale Agreement stipulates vendor is responsible for all costs associated with groundwater monitoring and operation and maintenance of pump and treat system (estimated cost of \$2 million, over 10 years).

- **Purchaser's concerns:** environmental liability and ability to obtain financing.
- **Pollution Policy Terms:**
 - \$5 million Policy Limit
 - 10 year policy term
 - \$425,000 (total cost)
- **Policy Benefits:**
 - Subject to the vendor refusing or failing to pay, the Policy pays for groundwater monitoring and the operation and maintenance costs of the pump and treat system.
 - Purchaser protected against claims from neighbouring property owners as of closing date.
 - Covers future indoor air impacts or off-site migration of contaminants due to failure of engineering controls.
 - Risks associated with changes in regulatory standards post approval of site specific risk assessment are mitigated.

 **For more information about Berkley Canada, visit** www.berkleycanada.com 



Carl Spensieri
Vice President, Environmental
(416) 594-5019



Katrine Nielsen
Assistant Vice President,
Environmental
(416) 594-5018



John Sarkis
Assistant Vice President,
Environmental SBU
(416) 594-4932



Mina Vu
Senior Underwriter,
Environmental SBU
(416) 594-5343



Brynn Paisley
Underwriter, Environmental
(416) 594-4822



Welcome from the *Co-chairing*

It has been a busy 13 months since the last time we convened our national conference. Since last April, we've been getting used to the new realities of the hybrid work environment, hearing predictions of a potential recession amidst high inflation and supply chain issues and shifting priorities in the use of lands.

This year, we recognized the need for a discussion about the future; how the demands for brownfields are expanding into new territory such as energy transition and the test of successful brownfield renewal is challenged on many fronts by affordability, sustainability, and climate resiliency. As communities scramble to find building solutions within their borders, rather than develop greenfield properties outside their boundaries, the complexities of navigating these new realities are beginning to rise.

The conference committee investigated and networked across Canada to identify iconic approaches, projects, and

innovative solutions to our most challenging brownfield problems. We are thrilled to have assembled diverse and coast-to-coast content sure to inspire you with the wealth of experience and breadth of progress in brownfield renewal. Ideas generated from today's conference will go to informing solutions in tomorrow's projects.

There are solutions out there, many of which are being overcome by those presenting at today's conference. Members of the Canadian brownfield community are finding the environmental, social and governance solutions to allow them to renew properties across Canada.

Together, as the Canadian Brownfield Network, discussions and ideas from today help to share our successes and best practices and let us continue our collective mission to remediate, renew, and redevelop brownfields properties across the country.

We hope you enjoy the conference!



Meggen Janes

2023 CBN Conference Co-chair
Principal, Geosyntec



Andrew Macklin

2023 CBN Conference Co-chair
Media and Public Affairs Specialist, WSP Canada

Program *at a Glance*

7:30 AM	Registration Networking Continental Breakfast, sponsored by KGS Environmental Group
8:30 AM	Welcome Remarks, sponsored by Berkley Canada
8:45 AM	Sustainable Remediation and Redevelopment Session
9:55 AM	Affordable Housing Session
10:45 AM	Morning Break, sponsored by Stantec Networking — Exhibitor Area
11:00 AM	Energy Transition
12:15 PM	Lunch, sponsored by Chemco Inc.
12:45 PM	Keynote Presentation, sponsored by QM
1:30 PM	Climate Resiliency Session, sponsored by ERIS
3:00 PM	Afternoon Break, sponsored by Gannet Fleming Networking — Exhibitor Area, Poster Sessions
3:30 PM	Developer Perspective Panel Discussion, sponsored by SLR
4:45 PM	Closing Remarks, sponsored by Grounded Engineering
5:00 PM	HUB Awards, sponsored by Geosyntec Consultants, Canadian Fuels Association, Parsons and Fisher Engineering Reception, sponsored by Willms & Shier Environmental Lawyers LLP

Hub Awards

Sponsors & Presenters

Join us as we celebrate individual excellence in brownfields through the presentation of the 7th Annual HUB Awards.

Foundation Award

Presented to a contributor to the Brownfield industry in Canada who has had a profound impact on how things are done today. Their work has provided a Foundation upon which the current practices and policies have been based. This is a "career achievement" award.

Sponsored by



Pillar Award

Presented to a recipient who has proven to be a Pillar of Strength in a significant aspect of the Brownfield industry in Canada. They continue to provide valuable expertise and influence into the policies and practices that we are employing. This is a mid-career award.

Sponsored by



Vision Award

Presented to a relative newcomer to the Brownfield industry in Canada and who is providing valuable insight into programs, policies or practices that will be improving how Brownfield redevelopment in Canada is completed.

Sponsored by



2023 HUB Award Selection Jury

Prasoon Adhikari
City of Guelph

Carl Spensieri
Berkley Canada

Tammy Lomas-Jylha
CBN Executive Director

Tanisha Monster
Milestone Environmental Contracting Inc.

Andrew Macklin
WSP Canada

Presenting sponsor



Reception sponsored by



GROUND

ENGINEERING



INNOVATIVE
CLIENT-CENTRIC
SOLUTIONS **GROUND** IN
ENGINEERING PRINCIPLES



GEOTECHNICAL
ENGINEERING

A circular inset image showing a construction site with a large metal structure, possibly a foundation or retaining wall, under construction.

GEOSTRUCTURAL
ENGINEERING

A circular inset image showing a complex industrial or construction site with various structures and equipment.

CONSTRUCTION
SERVICES

A circular inset image showing a construction site with a large, curved structure, possibly a tunnel or a large pipe.

ENVIRONMENTAL
ENGINEERING

A circular inset image showing a construction site with a large, curved structure, possibly a tunnel or a large pipe.

HYDROGEOLOGICAL
ENGINEERING

A circular inset image showing a construction site with a large, curved structure, possibly a tunnel or a large pipe.

THE ENVIRONMENTAL ASSESSMENT **POWER SUITE**

The one-stop shop of innovative products that make your work life easier

End-to-end solutions and services:

Database reports
Historical products
Mobile and online tools
NEW! ERIS' report authoring platform, SCRIVA



Want to learn more? info@erisinfo.com | erisinfo.com

Effective brownfield redevelopment is our specialty.

We help our clients maximize the value of their properties
while protecting human health and the environment.

Learn more about our land quality &
remediation services at: slrconsulting.com



@qmenv || @qmenvironmental || www.qmenv.com



ENVIRONMENTAL REMEDiation

SAFE AND INNOVATIVE SOLUTIONS



NATIONWIDE SERVICES

Contaminated Site Remediation

Shoreline & Slope Stabilization

On-Site Stabilization

Water Treatment Solutions

Site Reclamation & Restoration

Stabilization & Solidification

In-Situ & Ex-Situ Remediation

Building Support & Underpinning

Barrier Wall Installation

Underground Tank Removal



CONTACT QM: 1 (877) 378-7745

Our 2023 *Keynote Speaker*

Matt Jamieson is a proud member of the Tuscarora Nation and resident of Six Nations of the Grand River. He holds a Post-Bachelor's in Management, an MBA from Athabasca University and is a graduate of the ICD-Rotman Directors Education Program.

Matt is the founding CEO and architect of the corporate governance model used by Six Nations of the Grand River Development Corporation (SNGRDC) - a model that since 2015 has successfully operated autonomously from the political structures within the community.

Matt leads SNGRDC strategy, operations, and investment decisions. Under Matt's guidance, SNGRDC has deployed \$60+ million of Indigenous equity and participated in the construction of \$2.5 billion of infrastructure assets.

In 2017, Matt was recognized as both a Delta Clean50 and Clean16 Winner. In 2018, SNGRDC was chosen as Development Corporation of the Year by the Canadian Council for Aboriginal Business. In 2019, 2020, and 2021 SNGRDC has been selected as Canada's Best Managed Companies by Deloitte.

Matt Jamieson MBA, ICDD

President and CEO, Six Nations of the Grand River Development Corporation

Keynote presentation sponsored by



Pre-conference Event

Site Tour | May 2, 2023 sponsored by

KILMER BROWNFIELD EQUITY FUND L.P.
Canada's leading fund dedicated to the redevelopment of brownfields

A behind-the-scenes tour of one of Canada's largest brownfield redevelopment projects.

In 2017 Kilmer Group, Dream, DiamondCorp, and FRAM + Slokker established Port Credit West Village Partners to revitalize a 72-acre former oil refinery in Port Credit, Mississauga, which had sat vacant for three decades. An integrated approach to the remediation, planning, design, and construction of this brownfield unlocked these lands to create an award-winning master-planned community: Brightwater. Transformation of the lands into a transit-oriented and connected community is progressing at an exciting pace, with source remediation complete, construction of new "complete streets" with low-impact design elements for innovative stormwater management

and active transportation underway, and the first phase of buildings nearing completion of construction.

Once developed, this new lakefront community will offer 3,000 new townhouse and condominium units, a large waterfront park and open space network (totalling over 18 acres), as well as a mix of commercial, retail and institutional uses, and will be the first development in Mississauga to target LEED ND certification.

This tour provided a trip through the project's successes to date in planning, remediation, and infrastructure installation, and a sneak peak at the future with the first buildings nearing occupancy.

KILMER BROWNFIELD

Canadian Leader in Urban Community Scale & Transit Supportive Infill Developments

Conference Program

7:30 am – 8:30 am

Registration, Networking

Continental Breakfast, sponsored by



8:30 am – 8:45 am

Opening Remarks, sponsored by



Conference Emcee's:

- > Andrew Macklin, Media and Public Affairs Specialist - Canada, WSP Canada
- > Krista Barfoot, Infrastructure Sector Leader, SLR Consulting

Sponsor introductory remarks:

- > Carl Spensieri, VP Environment, Berkley Canada

CBN Welcome Remarks:

- > John Georgakopoulos, Partner, Willms & Shier Environmental Lawyers LLP and President, Canadian Brownfields Network
- > Tammy Lomas-Jylha, Executive Director, Canadian Brownfields Network and President, Lomas-Jylha Consulting

8:45 am – 9:55 am

Sustainable Remediation and Redevelopment Session

How do we ensure that the properties we redevelop aren't leaving an environmental legacy that will have to again be cleaned up decades from now? Our speakers will look at the importance of incorporating sustainable materials and practices into remediation activities as we work to improve both the current and future environmental footprint of the brownfield site.

Moderator:

- > Monisa Nandi, Senior Environmental PM, Soil and Groundwater Quality, City of Toronto

Presenters:

Sustainability Introduction (FCM)

- > Stéphanie Bohdanow, Lead, Land Use Sector Development, Green Municipal Fund, Federation of Canadian Municipalities (FCM)

Measuring Sustainability in Remediation

- > Cherilyn Mertes, Contaminant Hydrogeologist, Geosyntec Consultants

Nature-Based Solutions for Remediation

- > Bruce Tunncliffe, President, Vertex Environmental Inc.

Sustainable Redevelopment of the Bata Shoe Factory Project

- > Heather Dubbeldam, Principal, Dubbeldam Architecture + Design
- > Dev Mehta, Principal, BDP Quadrangle

Sustainable Remediation and Redevelopment Panel Discussion

Conference Program

9:55 am – 10:45 am

Affordable Housing Session

One of the greatest development challenges facing communities across Canada is the need for an expedited increase to affordable housing stock. In many cities, utilizing existing brownfield properties offers an important solution for addressing the affordable housing stock, with builds in established parts of the city near amenities needed by these new residents. Our experts will discuss how municipalities are using brownfields to tackle the affordable housing issue, and offer examples of successes from across the country.

Moderator:

> Paul H. Cheung, Environmental Risk Assessor and Project Manager, Terrapex

Presenters:

> Joe Mancini, Director, The Working Centre

> Jennifer Volpato, District Engineer, Ontario Ministry of the Environment, Conservation and Parks

10:45 am – 11:00 am

Morning Break, sponsored by Stantec

Networking – Exhibitor Area

Berkley Canada, QM Environmental, Grounded Engineering, ERIS, Willms & Shier Environmental Lawyers LLP, Fisher Engineering, Parsons, KGS, Chemco, SLR, Stantec, Geosyntec Consultants, Gannet Fleming

11:00 am – 12:15 pm

Energy Transition Session

Not every brownfield property can be redeveloped into a new building asset for the community. But that doesn't mean that these sites should sit as empty eyesores for residents. Instead, alternative uses should be explored, uses that can help communities reach their goal of reducing their carbon footprint. In this session, we explore how brownfield properties can provide support for the energy transition fueling Canada's future low-carbon economy.

Moderator:

> Reese McMillan, Head of Risk Assessment, Environmental Services, DS Consultants Ltd.

Presenters:

Energy Transition – Nova Scotia Initiative

> Lenta Wright, Project Development & Operations Manager, AREA

Woodfibre LNG Project, former site of the Woodfibre Pulp Mill

> Daria Hasselmann, Senior Manager, Community Affairs, Woodfibre LNG Vancouver

Rapid Transition of Abandoned Oil & Gas Wells - Renuwell

> Keith Hirsche, President, Renuwell Energy Solutions Inc.

12:15 pm – 12:45 pm

Lunch, sponsored by

12:45 pm – 1:30

Keynote Presentation, sponsored by

Presenter:

> Matt Jamieson, President and CEO,

Six Nations of the Grand River Development Corporation



RESPOND. RECLAIM. RENEW

Conference Program

1:30 pm - 3:00 pm

Climate Resiliency Session

Brownfield properties represent valuable opportunities to improve climate resilience in a community. Incorporating resilience measures in their development can have a positive impact on surrounding properties, and have become a key component of many cities' climate action plans. In discussion with community partners from across the country, we'll learn how brownfield redevelopment is improving the resilience of climate-sensitive areas and what additional considerations are needed for climate resilient brownfields.

Session Sponsor:



Moderator:

> Kyle VanderMeer, *Environmental Engineer, Engineering and Transportation Services, Development and Environmental Engineering City of Guelph*

Presenters:

Climate Resiliency and Brownfields – the BC approach

> Lavinia Zanini, *Senior Contaminated Sites Officer, Land Remediation, Ministry of Environment and Climate Change Strategy*

Climate Change and Potential Liability for Brownfields Redevelopment

> Raeya Jackiw, *Associate, Willms & Shier Environmental Lawyers LLP*

Developing Climate Informed Conceptual Site Models

> Dylan Hemmings, *Vice President and Regional Leader, Ontario, Stantec*

Considering Climate Change and Resiliency Factors in the Design of the Remediation Program

> Tom Li, *Ontario Business Operations and Development Manager, Parsons*

3:00 pm - 3:30 pm

Afternoon Break, sponsored by



Networking – Exhibitor Area, Poster Sessions

The next generation of brownfield practitioners from Toronto Metropolitan University and the University of Toronto will be showcasing posters at the conference. Toronto Metropolitan University students will be showcasing case studies of best practices and the University of Toronto students will provide their unique thoughts and visions for the interim programming of a small scale brownfield site through exploration of risk management, phytoremediation, and innovative design approaches.

3:30 pm - 4:45 pm

Developer Perspective Panel Discussion

There are brownfield sites sitting in communities across Canada, lying vacant, waiting for someone to purchase the property, create a plan, and develop the property into a new asset. But there are still barriers that exist that prevent developers from choosing brownfields over greenfield properties found elsewhere. In this session, we welcome members of the development community as they share their stories on the barriers they have faced, or are facing, in turning municipal brownfields into community assets.

Session sponsor:



Moderator:

> Savish Melanta, *Associate, Environmental Eng., Grounded Engineering*

Conference Program

Panelists:

- > Greg Gilbert, Vice President, Planning, Fitzrovia
- > Melissa Walker, Development Director, Kilmer Group
- > Paul Cope, Senior Director Development, Dream Unlimited
- > Stefania Sottile, B.E.S., E.M.P.D., EP Director, Environmental and Occupational Health & Safety, Choice Properties REIT

4:45 pm - 5:00 pm

Closing Remarks, sponsored by



5:00 pm - 7:00 pm

HUB Awards

Join us as we celebrate individual excellence in brownfields through the presentation of the 7th Annual HUB Awards.

Presented by



Foundation Award sponsor



Pillar Award sponsor



Vision Award sponsor



Reception

Join us as we wrap up the 2023 Canadian Brownfield Conference, Brownfield Renewal: Addressing Tomorrow's Challenges, with a Canadian themed regional appetizer menu – celebrating the CBN's nationwide membership!

Sponsored by



Geosyntec
consultants

WE ARE
ENGINEERS, SCIENTISTS
AND INNOVATORS

geosyntec.com

PARSONS

ENVIRONMENTAL SERVICES FOR A CLEANER AND SAFER CANADA

Scan To Learn More

GANNETT FLEMING

CREATING RESILIENT COMMUNITIES, TOGETHER.

Site Reclamation & Renewal

gannettfleming.com

Stantec

We help you realize the potential

Brownfield Redevelopment



Proud Sponsor

CBN 2023 Annual Conference

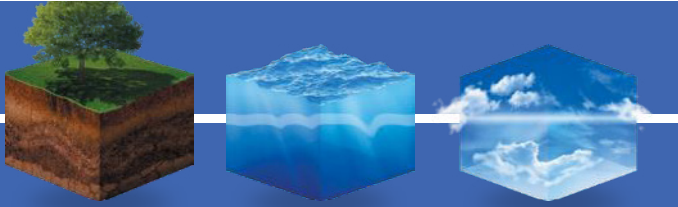
TORONTO | OTTAWA | CALGARY | YELLOWKNIFE

www.willmsshier.com

ENVIRONMENTAL | DESIGNATED SUBSTANCE SURVEYS



HYDROGEOLOGICAL | GEOTECHNICAL | LABORATORY



TECHNOLOGY DESIGN & SUPPLY

CHEMICAL OXIDATION
CHEMICAL REDUCTION
SOIL WASHING USING
CO-SOLVENT & SURFACTANT
METALS STABILIZATION

SORPTION TECHNOLOGY FOR
PFAS, HYDROCARBONS, CHLORINATED
ENHANCED BIOREMEDIATION
PERMEABLE REACTIVE BARRIERS
AMENDMENT
*ACTIVATED CARBON, OXIDANTS, ZERO
VALENT IRON TECHNOLOGIES*



1 800 575-5422 CHEMCO-INC.COM

Canadian Fuels Association



Proud Supporter of **cbn**TM
Canadian Brownfields Network

Our Members

 Federated Co-operatives Limited	 Greenergy	 Imperial Oil Limited	 Irving Oil
 North Atlantic	 North West Redwater Partnership	 Parkland Corporation	 Petro-Canada Lubricants Inc.
 Shell Canada Products	 Suncor Energy Products Partnership	 Tidewater Midstream and Infrastructure Ltd.	 Valero Energy Inc.

Speaker Biographies

Scan this QR Code to
view the full versions of
the Speaker Biographies.



John Georgakopoulos B.Sc. (Hons.), M.Sc., LL.B.

Partner; Willms & Shier Environmental Lawyers LLP and President,
Canadian Brownfields Network

John Georgakopoulos B.Sc. (Hons.), M.Sc., LL.B. is a Certified Specialist in Environmental Law by the Law Society of Ontario. John resolves complex environmental legal issues for clients, uniquely drawing on his technical knowledge as a former senior environmental scientist with Ontario's environmental regulator.



Tammy Lomas-Jylha

Executive Director, Canadian Brownfields Network and President,
Lomas-Jylha Consulting

Tammy Lomas-Jylha has over 30 years of experience in brownfields and contaminated sites and is recognized as a dynamic and adaptable leader with the ability to coordinate complex multi-partner initiatives and interact effectively with private and public stakeholders.



Andrew Macklin

Media and Public Affairs Specialist - Canada, WSP Canada

Andrew Macklin is a Media and Public Affairs Specialist with WSP in Canada, one of the world's largest design, engineering, environment, and consulting services firms, with over 12,000 working in over 100 offices across Canada. A former journalist turned communications professional, Andrew spent close to 20 years as a B2B writer/editor, radio reporter and TV producer. The former Editorial Director at Toronto's Actual Media, he spent nearly a decade writing and editing content for B2B publications in the natural resources, infrastructure, and environment industries before moving on to WSP.

Speaker Biographies

Scan this QR Code to
view the full versions of
the Speaker Biographies.



Krista Barfoot Ph.D., C.Chem., QPRA

Infrastructure Sector Leader, SLR Consulting

A Brownfield Redevelopment Specialist with SLR Consulting, Dr. Barfoot has over 25 years of industry experience and expertise in strategic site planning, risk assessment, vapour intrusion assessment, and risk management. Dr. Barfoot's technical expertise additionally extends to excess soil management, emerging contaminants (including per- and polyfluoroalkyl substances [PFAS]), non-aqueous phase liquid, risk mitigation measures, and stakeholder communication.



Monisa Nandi

Senior Environmental PM, Soil and Groundwater Quality, City of Toronto

Monisa Nandi has over 20 years' experience in environmental site assessment, environmental assessment and environmental compliance in Ontario and British Columbia. Monisa has designed and managed all stages of environmental site assessment investigations and remediation projects and led large multidisciplinary teams on major projects such as Toronto-York Spadina Subway Extension, and the West Don Lands/Pan Am Athletes Village.



Stéphanie Bohdanow

Lead, Land Use Sector Development, Green Municipal Fund, Federation of Canadian Municipalities (FCM)

As the Land Use Lead for FCM's Green Municipal Fund, Stephanie Bohdanow works to encourage the adoption of sustainable land use planning practices across the municipal sector. She develops funding programs and knowledge resources to foster municipal innovation and the replication of best practices.

Speaker Biographies

Scan this QR Code to
view the full versions of
the Speaker Biographies.



Cherilyn Mertes

Contaminant Hydrogeologist, Geosyntec Consultants

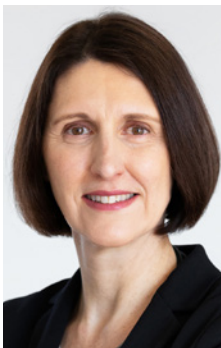
Cherilyn Mertes is a Senior Hydrogeologist at Geosyntec Consultants, and registered Professional Geoscientist in Ontario. Her practice is focused on soil and groundwater investigation, development of conceptual site models, and in-situ groundwater remediation.



Bruce Tunncliffe M.A.Sc., P.Eng.,

President, Vertex Environmental Inc.

Bruce Tunncliffe is President and founder of Vertex Environmental Inc., and founder and organizer of the SMART Remediation Technical Seminar Series. Mr. Tunncliffe has more than 20 years of experience designing and implementing remediation programs for contaminants such as petroleum hydrocarbons, chlorinated solvents, and heavy metals.



Heather Dubbeldam OAA, FRAIC, LEED AP, WELL AP

Principal, Dubbeldam Architecture + Design

Heather Dubbeldam is the principal of Dubbeldam Architecture + Design, a multi-disciplinary architecture practice in Toronto with a diverse portfolio of built work including hospitality, workspaces, residential, adaptive reuse and mixed-use projects, as well as, installation and landscape design.

Speaker Biographies

Scan this QR Code to
view the full versions of
the Speaker Biographies.



Dev Mehta B.A.S., M.Arch., OAA, LEED GA

Principal, BDP Quadrangle

Dev Mehta is equal parts creative and pragmatic which leads to inspired and functional designs. He pursued his architectural studies at Carleton University, where he received his Bachelor of Architectural Studies and Masters of Architecture.



Paul H. Cheung BSc (hons), MEnvSc, QPra

Environmental Risk Assessor and Project Manager

Paul H. Cheung is an environmental risk assessor at Terrapex with over 10 years of environmental consulting experience. Specialising in risk assessment, vapour intrusion assessment, and risk management, Paul uses his technical skills to assist clients navigate the regulatory, municipal conveyance, and transactional due diligence processes.



Joe Mancini

Director, The Working Centre

Joe and Stephanie Mancini established The Working Centre in the spring of 1982 as they were completing university. They made a long-term commitment to develop a community-based response to unemployment and poverty. Rooted in downtown Kitchener, the project areas of The Working Centre include employment and financial problem solving, meal production and distribution, St. John's Kitchen and outreach, affordable and supportive housing, emergency shelters, and social enterprises..

Speaker Biographies

Scan this QR Code to
view the full versions of
the Speaker Biographies.



Jennifer Volpato

District Engineer, Ontario Ministry of the Environment, Conservation and Parks

Jennifer Volpato is the District Engineer for the Ministry of the Environment, Conservation and Parks' Guelph District Office and has over 20 years of experience specializing in Contaminated Sites, Brownfields, Environmental Risk Assessments and Water Resources Engineering.



Reese McMillan M.Sc., QPRA

Head of Risk Assessment, DS Consultants Ltd.

Reese McMillan has over a decade of experience in brownfield development including risk assessment, vapour intrusion assessment, remediation, environmental compliance and risk management. Reese is the co-chair of the Ontario Environmental Industry Association (ONEIA) Brownfields Committee and a member of the Qualified Persons Community of Ontario (QPCO) RA working group.



Lenta Wright

Project Development & Operations Manager, AREA

Lenta Wright, Project Development and Operations Manager, Alternative Resource Energy Authority (AREA). As the project developer for AREA's Community Solar projects, Lenta works to bring community solar projects to life, breaking down barriers to create greater access to solar energy in our communities. She connects project teams with their communities and makes a difference with her work by managing community engagement, facilitating communication and ensuring people stay informed, bridging the gap between projects and their stakeholders through meaningful connections.

Speaker Biographies

Scan this QR Code to
view the full versions of
the Speaker Biographies.



Daria Hasselmann

Senior Manager, Community Affairs, Woodfibre LNG Vancouver

Daria Hasselmann is a stakeholder engagement and community impact professional with over 25 years of experience. The majority of her career has always been with the energy industry, including Shell Canada, Shell Wind Energy, LNG Canada, Fluor as part of the JGC-Fluor joint venture building the LNG facility, and is now the Senior Manager, Commute Affairs for Woodfibre LNG.



Keith Hirsche

President, Renuwell Energy Solutions Inc.

Coming from a farming family background, and after a geoscience research career in the oil and gas industry, Keith Hirsche recognized the potential of using land that had been previously disturbed for oil and gas production as an alternative to removing additional agricultural land for Greenfield solar project development. Since early 2016, this Renuwell Project has slowly developed and matured through on-going discussions with the oil and gas industry, renewable energy developers, landowners, municipalities, and Alberta's regulatory agencies.



Matt Jamieson MBA, ICD.D

President and CEO, Six Nations of the Grand River Development Corporation

Matt Jamieson is a proud member of the Tuscarora Nation and resident of Six Nations of the Grand River. Matt is the founding CEO and architect of the corporate governance model used by Six Nations of the Grand River Development Corporation (SNGRDC) - a model that since 2015 has successfully operated autonomously from the political structures within the community.

Speaker Biographies

Scan this QR Code to
view the full versions of
the Speaker Biographies.



Kyle VanderMeer

Environmental Engineer, Engineering and Transportation Services,
Development and Environmental Engineering City of Guelph

Kyle VanderMeer is an Environmental Engineer for the City of Guelph with 10+ years experience in project management, contamination assessment and remediation, and more recently excess soil management, electronic data management, and climate resiliency planning. Kyle has been honored to receive a 2022 Brownie Award in the Reprogram category for his work on the City of Guelph's Guidance for On-Site and Excess Soil Management.



Lavinia Zanini M.Sc., P.Geo

Senior Contaminated Sites Officer, Land Remediation, Ministry of
Environment and Climate Change Strategy

Lavinia Zanini graduated with her Masters of Science Degree from the University of Waterloo in 1996. Before joining the BC government in 2006, Lavinia worked for both private industry and the federal government as a hydrogeologist. Lavinia has worked for over 17 years helping to regulate the contaminated site industry with the BC Ministry of Environment and Climate Change Strategy.



Raeya Jackiw

Associate, Willms & Shier Environmental Lawyers LLP

Raeya Jackiw practices environmental law and litigation, as well as Indigenous and northern law. Raeya's background in environmental science and biology helps her understand and facilitate the resolution of complex legal problems. Raeya assists clients in understanding and achieving compliance with federal, provincial, and municipal environmental laws. She also helps clients manage environmental liability arising from industrial operations and contaminated land.

Speaker Biographies

Scan this QR Code to
view the full versions of
the Speaker Biographies.



Dylan Hemmings M.Sc., P.Geo (Limited)

Vice President and Regional Leader, Ontario, Stantec

Dylan Hemmings is a Vice President and the Regional Leader for Stantec in Ontario focused on growth and integrating climate solutions for public and private sector projects. He is based in Ottawa and has over 18 years of experience on site assessment, remediation, spill response and design projects.



Tom Li P.Eng, M.A.Sc., M.B.A.

Ontario Business Operations and Development Manager, Parsons

Tom Li is a Principal Environmental Engineer and the Operations Lead for Parsons' Environment and Energy team in Ontario. He is a Qualified Person (ESAs) Under Ontario Regulation 153/04. He is an experienced remediation engineer having managed 100s of environmental site assessment and remediation projects for various private and public sector clients.



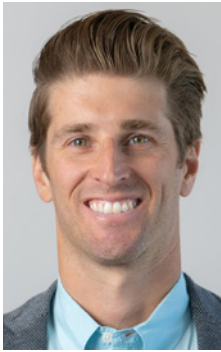
Suvish Melanta Peng. OP-ESA

Associate, Environmental Engineering Services Grounded Engineering

Ms. Suvish Melanta is an Associate at Grounded Engineering with over a decade of experience in environmental engineering services. As a licensed Professional Engineer in the Province of Ontario, she has managed numerous greenfield and brownfield development projects involving risk assessments, remedial excavations, soil management activities, environmental compliance monitoring.

Speaker Biographies

Scan this QR Code to
view the full versions of
the Speaker Biographies.



Greg Gilbert

Vice President, Planning, Fitzrovia

Greg Gilbert is responsible for overseeing the urban planning and project design of new projects, sourcing new opportunities and managing community relations for Fitzrovia's rental portfolio. He is a passionate city builder with 14 years of experience working for various cities, consultants and developers including the City of Melbourne, WSP Group and Trolleybus Urban Development.



Melissa Walker

Development Director, Kilmer Group

Melissa Walker is the Development Director, responsible for providing strategic direction throughout the redevelopment cycle of the Fund's real estate portfolio. Her responsibilities include investment analysis and acquisition due diligence, project design, negotiating municipal approvals and agreements, and stakeholder engagement.



Paul Cope

Senior Director Development, Dream Unlimited

Paul Cope is an experienced professional managing complex urban development projects for Dream's Canadian portfolio, including Zibi and Brightwater. He has a successful track record of delivering large-scale mixed-use communities and is overseeing the development and leasing of the commercial component of Brightwater in partnership with Diamondcorp, Kilmer, and FRAM+Slokker.

Speaker *Biographies*

Scan this QR Code to
view the full versions of
the Speaker Biographies.



Stefania Sottile B.E.S., E.M.P.D., E.P.

Director, Environmental and Occupational Health & Safety, Choice Properties REIT

At Choice Properties REIT, Stefania Sottile is responsible for identifying and executing a management system that removes or mitigates environmental and occupational health and safety risks. Stefania oversees the development and implementation of policies, procedures and training programs to ensure compliance and appropriate due diligence across all lines of business.

Canadian Brownfields Network (CBN)

Overview

CBN relies on the work of the dedicated volunteers who make up our committees to accomplish many of our day-to-day initiatives. We have six standing committees:

- **Communication:** This committee is responsible for the majority of communication with members, stakeholders and the public, including social media (LinkedIn, Twitter and Facebook), the website, and email (the newsletter, member updates and member newsflashes). The committee is co-chaired by **Andrew Macklin** of **WSP Canada** and **Brian Eastcott** of **ERIS (Environmental Risk Information Services)**.
- **Development:** A new committee proposed in our Five-Year Strategy (2020-2025). This committee is responsible for raising the profile of developing brownfields as a first market choice for the real estate industry by advancing strategies and policies for overcoming barriers and unlocking opportunities associated with brownfield redevelopment in Canada. This committee is co-chaired by **Joanna Vince** of **Wilms & Shier Environmental Lawyers LLP** and **James Cullen** of **WSP Canada**.
- **Equality, Diversity and Inclusion (EDI):** Chaired by **Reanne Ridsdale, PhD Candidate, Toronto Metropolitan University**, this committee is responsible for implementing various aspects of the CBN's EDI Policy.
- **Government Relations:** This committee is responsible for outreach to governments at all three levels. Some of this effort is focused on creating awareness of the brownfield agenda and of CBN, and some of it (often in conjunction with the Technical Advisory Committee) is responding to requests for comment or public consultations on proposed legislative or regulatory changes. This committee is chaired by **Judy Lam, (Manager)** and **Phil Caldwell (Senior Project Manager)**, with the **Commercial Districts and Small Business Section, Economic Development Division, City of Hamilton**.
- **Membership:** Chaired by **Carol LeNoury**, of **ERIS (Environmental Risk Information Services)**, this committee is primarily responsible for member recruitment and retention, our annual membership drive and keeping member needs at the heart of the decisions we make.

- **Technical Advisory (TAC):** Chaired by **Peter Sutton of Terrapex**, TAC monitors the development and implementation of legislative and regulatory changes, mainly at the provincial level. The committee has members in all Canadian regions; they report on changes in their regions at each meeting. TAC also replies to requests for comment or public consultations, often in partnership with the Government Relations Committee.
- **HUB Awards:** This committee manages the HUB (Heroes Underpinning Brownfields) Awards program, inaugurated in 2016. This includes soliciting and evaluating nominations and selecting the winners. This committee is led by **Tanisha Monster of Milestone Environmental Contracting Inc.**

All our committees would welcome your help. If you are interested in joining a committee (or supporting one in another way), please **contact the CBN office**.

In addition, CBN has three ad hoc committees:

- **Brownie Awards:** CBN has been presenting the Brownie Awards in partnership with Actual Media since 2016. This committee solicits nominations, appoints and supports the judges' panel and, together with Actual Media, promotes the event. The selection committee is led this year by **Chris De Sousa of Toronto Metropolitan University, School of Urban and Regional Planning**.
- **Conference:** The Conference Committee organizes all aspects of the annual CBN conference, from identifying a theme to arranging speakers to promotion to members and other stakeholders. This committee is led by **Meggen Janes of Geosyntec** and **Andrew Macklin of WSP Canada**.



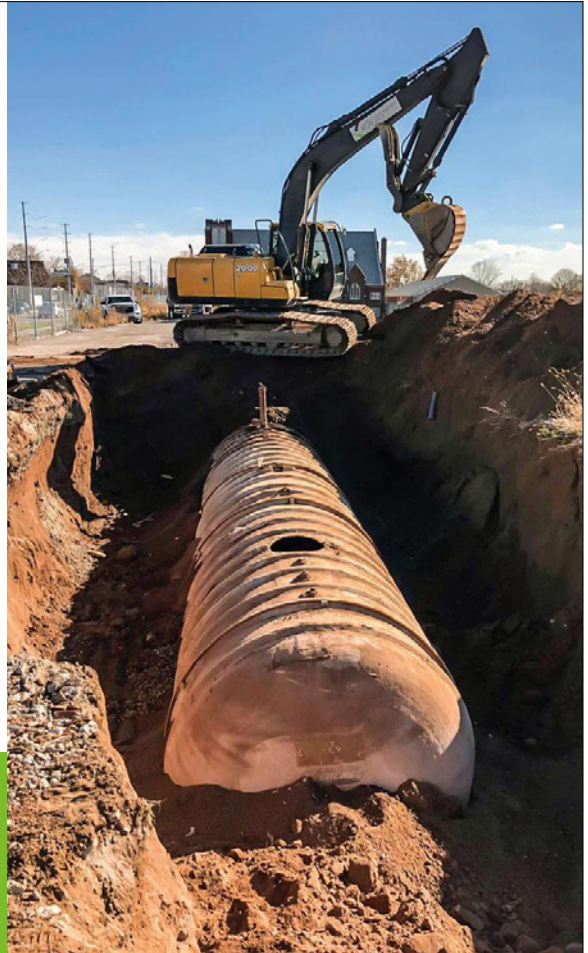
KGS
ENVIRONMENTAL
GROUP

TOTAL SITE SERVICES & SOLUTIONS

- ✓ Soil and Ground Water Remediation
- ✓ Excavating and Deconstruction
- ✓ UST/AST Decommissioning

www.KGSEnvironmentalGroup.ca

Toll free: 855-378-3015



Thank you to our *Sponsors*

Platinum



Premier



Gold



Silver



Bronze



Media Partners



Thank you for your *Support*

Thank you to our presenters and moderators for their participation in the 2023 CBN Annual Conference, as a thank you the CBN is making a donation on behalf of the speakers, moderators and planning committee to The Gord Downey and Chanie Wenjack Fund and the Native Women's Association of Canada.

The Canadian Brownfields Network would like to thank the dedicated team who was instrumental in delivering our 2023 national conference:

Conference Co-chairs

Meggen Janes, Geosyntec

Andrew Macklin, WSP Canada

Conference Committee

Prasoon Adhikari, City Of Guelph

Krista Barfoot, SLR Consulting

Pete Craig, QM Environmental

John Georgakopoulos,
Willms & Shier Environmental Lawyers LLP

Suvish Melanta, Grounded Engineering

Monisa Nandi, City of Toronto

Monisha Nandi, Kilmer Group

Monique Punt, MPunt Environmental Consulting

Reanne Risdale, PhD Candidate, Toronto Metropolitan University

Divya Sasi, Toronto and Region Conservation Authority (TRCA)

Joanna Vince, Willms & Shier Environmental Lawyers LLP

Melissa Walker, Kilmer Group

HUB Awards

Tanisha Monster, Milestone Environmental Contracting Inc.

Prasoon Adhikari, City of Guelph

Tammy Lomas-Jylha, Lomas-Jylha Consulting

Andrew Macklin, WSP Canada

Carl Spensieri, Berkley Canada

CBN Operations Team

Tammy Lomas-Jylha, Executive Director

Helena Gomes, Operations Administrator

Michelle Trent, Event Planner

Nun Nil (TMU Placement Student)

Special Mention

Dimitrios Alexis, Art Direction and Graphic Design

Salila Shetty, Manager, Marketing and Business Development, Willms & Shier Environmental Lawyers LLP

Mark Drewe, Mosaic Mind Pictures

BOARD OF DIRECTORS

Executive

President John Georgakopoulos,
Willms & Shier Environmental Lawyers LLP

Vice President Krista Barfoot, SLR Consulting

Vice President Carol LeNoury,
Environmental Risk Information Services

Directors

Evelyn Bostwick, Stantec

Pete Craig, QM Environmental

Rob Hoffman, Canadian Fuels Association

Meggen Janes, Geosyntec

Andrew Macklin, WSP Canada

Monisha Nandi, Kilmer Brownfield Management Ltd.

Carl Spensieri, Berkley Canada

Peter Sutton, Terrapex

Reanne Risdale, PhD Candidate,
Toronto Metropolitan University

Advisors

Christopher De Sousa, Toronto Metropolitan University

Eric Pringle, Milestone Environmental Contracting Inc.

Kate Tang, Berkley Canada

Grant Walsom, XCG Consulting Limited

Media and Supporting Partners

Actual Media

Canect

Environment Journal

GeoEnviroPro

ONEIA

If you are interested in getting involved with the planning of our 2024 CBN national conference, please contact Executive Director Tammy Lomas-Jylha at: execdirector@canadianbrownfieldsnetwork.ca

Canadian Brownfields Network (CBN)

4243C Dundas Street West

Unit #312

Etobicoke, ON M8X 1Y3

Phone: 647.873.5873

Email: admin@canadianbrownfieldsnetwork.ca

canadianbrownfieldsnetwork.ca