

# ORCGA<sup>®</sup>



## 2023

# DAMAGE PREVENTION SYMPOSIUM



**CAESARS**  
WINDSOR

RESORT & CONVENTION CENTRE

**February 7 – 9, 2023,  
Windsor, Ontario**

Presented by







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# WELCOME & KEYNOTE

## WELCOME MESSAGE FROM PRESIDENT AND CEO



On behalf of the Board of Directors, welcome to Windsor for the 2023 ORCGA Damage Prevention Symposium, February 7-9, at Caesars Resort and Convention Centre.

2023 marks 20 years in working together to reduce buried infrastructure damages through advocacy, education and engagement with the ORCGA, and we are excited to kick-off this year with the return of our in-person Symposium.

The Symposium offers delegates learning, networking, and digital event experiences.

Take advantage of the opportunity to expand your Damage Prevention knowledge and insights by attending our informative sessions presented by leading professionals.

The ORCGA is also pleased to present our keynote speaker at the Awards luncheon Wednesday, Carl Dixon.

The exhibition hall provides opportunities for one-on-one interactions with our vendors who will be showcasing the newest technologies and approaches to damage prevention.

Join me in networking with colleagues, exchanging information and perspectives, all while enjoying the Welcome Reception on Tuesday and the Tradeshow Networking Reception & Whiskey Tasting on Wednesday evening.

All delegates and exhibitors are invited to celebrate the ORCGA's 20<sup>th</sup> Anniversary Tuesday evening at Cosmos Bar in the hotel rotunda for an evening of music and networking.

All event information is now at your fingertips on the new Symposium event app!

Keep up to date on the agenda, learn about our speakers and vendors, receive real-time event info, and e-connect with delegates and complete your session surveys via the app.

The ORCGA and the Symposium would not be possible without the generous support from all our annual sponsors, event sponsors, our exhibitors, and volunteers. We thank them immensely and encourage all to interact with them throughout the Symposium.

Lastly, I would like to thank all delegates for taking the time to attend this year's Symposium. I hope that this event will inspire all of us to focus on the importance of what we do every day to improve the quality of life for millions of people, to enhance worker and public safety, and to lead Ontario to be the leading jurisdiction with the safest and most reliable infrastructure across the country.

## KEYNOTE SPEAKER



*"A dream is a hope and illusion is a lie. By shedding illusions we can focus on the reality of our situation and then we are free to pursue our dreams."*

– Carl Dixon

Carl Dixon is a man of titanium, rock and soul. He is a catastrophic injury survivor!

At the height of his musical career he was smacked down, crushed in car accident, barely clinging to life. His world crumbled. Carl lost everything: physical ability, employment, family business. He suffered a traumatic brain injury and 75% disability, PTSD and was left with a mountain of debt by his former 'advisor'.

2006, during time off from the Guess Who, Carl visited family staying in Australia. Troubled by personal issues Carl was tired, stressed and running late to meet family. For a brief few minutes while driving on a dark rural road Carl forgot, in Australia they drive on the left. He collided head on at high speed into an oncoming driver who fortunately was in a large 4WD, Carl was in a small rental car. The initial prognosis by hospital emergency teams was bleak: brain damage, complete blindness, amputation of an arm and a leg, quadriplegia. Two years after his miracle survival Carl was presented with a paramedics badge by his rescuers.

In January 2016 Carl made a stunning return as lead singer of The Guess Who, eight years after surviving a traumatic brain injury.

Carl shares with you and your team the critical path he took to rebuild, re-brand and reinvent his life to six-figure success. His perseverance over a decade sees him touring again. He found happiness and higher skills, despite his injuries.

Carl's analysis of how he overcame adversity can be applied across the spectrum - business to personal, mental health to worker safety.

Yet Carl's talk is far more! Told through music, story and video backdrop, Carl's is an inspiring story of willpower and determination, proving the journey to the top is never a solo act.

# EVENT SPONSORS

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PENS



KEYNOTE PRESENTATION



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THURSDAY LUNCH SPONSOR





# Important Information



## Blocked Sewer? Always Call Before You Clear.

Sewer drain emergencies and flooded basements can be stressful. But before you or a plumber attempt to clear a blocked sewer or septic line, be sure to call **Ontario One Call** toll free at **1-800-400-2255** for a free sewer safety inspection.

### Resolve clogs quickly and safely



Blockages in pipes that run inside your home typically can be cleared safely on your own.



If the clog is in sewer or septic pipes that run outside the walls of your home, call **Ontario One Call** for a **FREE** safety inspection before you or a plumber attempt to clear it.



Never use motorized or water-jetting equipment to clear a blocked sewer line without an inspection.

To request your **FREE** inspection, contact **Ontario One Call** at **1-800-400-2255**. These inspections are available **24/7** and are treated as emergencies. If a cross bore is found, the sewer line will be fixed at **no cost to you**.

### What is a cross bore?

In rare cases, underground natural gas pipelines could unintentionally run through sewer or septic pipes – this is called a cross bore. Left undisturbed, cross bores aren't an immediate safety risk. However, using motorized or water-jetting equipment to clear a blocked sewer line could damage the natural gas line, resulting in a real and immediate risk to public safety, including a gas leak, fire or explosion.

### Smell gas? Act fast!

Natural gas smells like rotten eggs or sulphur. If you smell gas or think you have a gas leak, leave the area immediately and call Enbridge Gas at **1-866-763-5427** or **911** from a safe distance (like a neighbour's home).



Visit [enbridgegas.com/sewersafety](https://enbridgegas.com/sewersafety) for more safety information and videos.

# PROGRAM-AT-A-GLANCE

## TUESDAY, FEBRUARY 7

Time	Event	Sponsor	Location
8:30 a.m. – 12:00 p.m.	ORCGA Board of Directors		Saturni
10:00 a.m. – 12:00 p.m.	DIRT Committee Meetings		Luna
1:30 p.m. – 3:00 p.m.	Events and Communications Meeting		Mercuri
1:30 p.m. – 3:00 p.m.	Best Practices Committee Meeting		Luna
1:30 p.m. – 3:00 p.m.	Geographic Council Meeting		Martis
4:00 p.m. – 5:00 p.m.	ORCGA Annual General Meeting		Saturni
5:00 p.m. – 7:00 p.m.	Tradeshow Welcome Reception	ORCGA	Augustus I – Exhibit Hall
9:00 p.m. – 11:00 p.m.	ORCGA 20 <sup>th</sup> Anniversary Celebration	Vivax Metrotech	Cosmos Bar – Hotel Rotunda

## WEDNESDAY, FEBRUARY 8

Time	Event	Sponsor	Location
7:15 a.m.	Breakfast	Enbridge	Augustus II & III
8:00 a.m.	Welcome Address, Board Address, Committee Updates		Augustus II & III
9:15 a.m. – 10:00 a.m.	Concurrent Sessions		Various
10:00 a.m. – 11:00 a.m.	Networking and Coffee Break	TSSA	Augustus I
11:00 a.m. – 11:45 a.m.	Concurrent Sessions		Various
12:00 p.m. – 1:45 p.m.	Keynote Carl Dixon, Committee Updates and Awards Luncheon	Urbint & HCW	Augustus II & III
2:00 p.m. – 2:45 p.m.	Concurrent Sessions		Various
2:45 p.m. – 3:45 p.m.	Networking Coffee Break		
3:45 p.m. – 4:30 p.m.	Concurrent Sessions		Various
5:00 p.m. – 7:00 p.m.	Tradeshow Networking Reception & Whiskey Tasting	OEC	Augustus I – Exhibit Hall

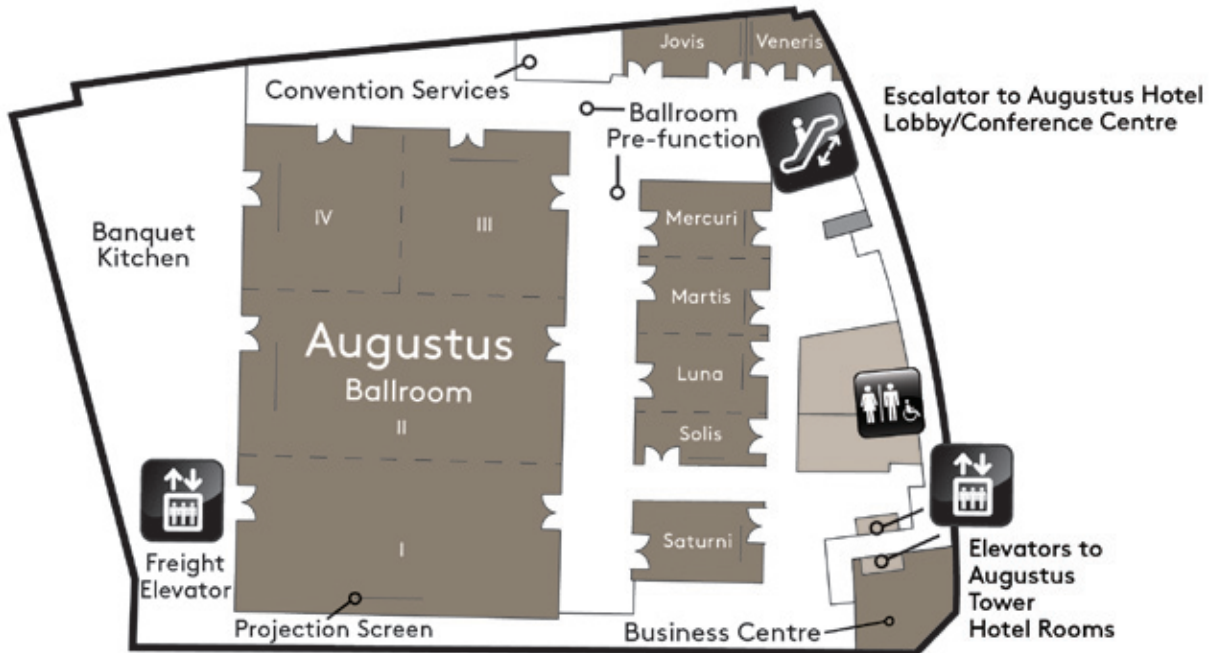
## THURSDAY, FEBRUARY 9

Time	Event	Sponsor	Location
7:15 a.m.	Breakfast	Enbridge	Augustus II & III
8:00 a.m.	Ontario One Call Update, Committee Update		Augustus II & III
9:15 a.m. – 10:00 a.m.	Concurrent Sessions		Various
10:00 a.m. – 11:00 a.m.	Networking and Coffee Break	Urbint	Augustus I
11:00 a.m. – 11:45 a.m.	Concurrent Sessions		Various
12:00 p.m. – 1:00 p.m.	Luncheon, Vendor Prize Giveaway and Symposium Adjournment	OE Utility Services	Augusts II & III



# FLOOR PLAN

## CAESARS RESORT AND CONVENTER CENTRE



**The right partner can make all the difference on your Utility Project.**

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[www.firstbasesolutions.com](http://www.firstbasesolutions.com) 905-477-3600



# 28% Safer Workplaces

Protecting the health and safety of all workers at all times is the right thing to do.

One of the most effective ways to do it is by developing and maintaining an occupational health and safety management system (OHSMS) based on COR®.

An OHSMS helps employers to manage risks, establish controls, and minimize the incidence of injury and illness to workers. This is accomplished by identifying, assessing, and controlling risks to workers in all workplaces.

Workplaces that are COR®-certified in Ontario are proven to be 28% safer. And those that successfully implement COR® 2020 are eligible to apply for further recognition and financial rewards.

## What is COR®?

COR® (Certificate of Recognition) is a national accreditation standard that verifies full implementation of an employer's OHSMS. The Infrastructure Health and Safety Association (IHSAs) brought COR® to Ontario in 2012. Since then, it has been adopted by more than 650 companies—and many others are in the process of becoming COR®-certified.

Why? Because workplaces that are COR®-certified in Ontario are proven to be 28% safer.

## 28% safer workplaces

The University of British Columbia recently conducted an extensive research study on the impact COR® has had on firm-level injury rates in Ontario since its introduction to the province by IHSAs.

In the study, researchers concluded that COR®-certified firms experienced a 28% reduction in lost-time injury rate and a 20% reduction in high-impact injury rate (when compared to non COR®-certified firms of a similar size in the same sector).

## Gain a competitive advantage

By achieving COR®, employers are able to demonstrate that their OHSMS has been developed, implemented, and is evaluated on an annual basis through comprehensive internal and external audits.

Firms that are certified or registered in the COR® program may qualify ahead of others for certain jobs. For example, buyers of services such as construction can make COR® a requirement for contractors bidding on jobs in order to be more confident in the contractor's health and safety performance. Providing immediate proof that you have an effective OHSMS in place will give your organization a competitive advantage. Buyers of your services can be assured that you will bring superior safety practices to the workplace.

Many buyers of services in the public and private sectors now require COR® certification as a condition of contract. The list continues to grow, and includes: the cities of Toronto, Mississauga, Brampton, Vaughan, and Ottawa; York Region; Town of Milton; Toronto Transit Commission (TTC); Greater Toronto Airports Authority (GTAA); Liquor Control Board of Ontario (LCBO); Metrolinx; and Infrastructure Ontario.

## Recognition and rebates

The COR® 2020 standard is also accredited by the Ministry of Labour, Immigration, Training, and Skills Development. Because of this, companies that have achieved COR® 2020 certification can now apply for recognition by Ontario's Chief Prevention Officer, as well as financial rebates from the Workplace Safety and Insurance Board, through the Supporting Ontario's Safe Employers (SOSE) program.

IHSAs offers tools to help COR® 2020-certified firms apply for SOSE and create a SOSE Action Plan—a significant step toward achieving 100% compliance and demonstrating a strong commitment to workplace health and safety.

Find out more about IHSAs, COR®, and SOSE by visiting [ihsa.ca/cor](https://ihsa.ca/cor)



# GENERAL INFO

## REGISTRATION DESK

The Registration Desk is located in the convention centre at the top of the escalators.

ORCGA staff and volunteers will be available during the following hours:

Tuesday, February 7 – 11:00 a.m. – 7:00 p.m. | Wednesday, February 8 – 7:00 a.m. – 6:00 p.m.

## 2023 ORCGA ANNUAL GENERAL MEETING

Join us on February 7 in the Saturni Meeting room, at 4:00 p.m. to hear about issues that matter to you.

The Board Executive will present the 2022 ORCGA Annual Report, the strategic direction and priorities for 2023, the ORCGA financial statement, a report on the election and appointment of new directors to the board, as well as reviewing the 2022 ORCGA Scorecard that measures association performance.

This meeting is FREE to attend and does not require Symposium registration.

## TRADESHOW EXHIBIT HALL

The Tradeshow is located inside the Augustus I Ballroom in the convention centre.

We encourage all delegates to take advantage of the 2½ days to circulate through the tradeshow floor to enjoy:

- The Welcome Reception on Tuesday, February 7, starting at 5:00 p.m., featuring a complimentary beverage for registered delegates!
- The Tradeshow Reception and Whiskey Tasting, Sponsored by OEC on Wednesday, February 8, beginning at 5:00 p.m.
- All coffee and networking breaks during the Symposium.

See you on the Tradeshow Floor!

## EXHIBIT HALL HOURS

Tuesday, February 7 – 5:00 p.m. – 7:00 p.m.

Wednesday, February 8 – 10:00 a.m. – 7:00 p.m.

Thursday, February 9 – 9:00 a.m. – 11:00 a.m.

## ORCGA 20<sup>TH</sup> ANNIVERSARY CELEBRATION!

Join fellow delegates and ORCGA staff for an evening of Celebration! Music! And Networking! Sponsored by Vivax Metrotech.

This event takes place in Cosmos Bar in the hotel rotunda starting at 9 p.m.

Musical performance by MOJO WAILERS.

## WI-FI

The ORCGA is pleased to offer complimentary Wi-Fi access for our delegates.

Please check our event app for wifi network and password.

## SOCIAL MEDIA

Share your memorable Symposium pictures, video and experiences online using #2023DPS and #DigSafe2023.

## PHOTOGRAPHY DISCLAIMER

Photographs will be taken at the 2023 ORCGA Damage Prevention Symposium. By registering for, and participating in this event, you agree to allow the ORCGA to use your image in related publications, promotions or websites.

# ACHIEVEMENT AWARDS

ORCGA recognizes ongoing achievement in our industry through our Awards Program.

## EXCAVATOR OF THE YEAR

These awards recognize excavators with the best in-class safe digging practices. Excavator of the Year is determined by each contractor's individual damage rate. A damage rate is a calculation dependent on the volume of locates requests, measured against the number of digging related damages to underground infrastructure. Input from infrastructure owners is also used in the determination. To qualify, excavators must have a minimum of 500 locate requests to Ontario One Call.

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## ORCGA MEMBER OF THE YEAR

### JIM DOUGLAS AWARD OF EXCELLENCE IN DAMAGE PREVENTION

The ORCGA recognizes current and long-term achievement in the Damage Prevention industry through the ORCGA Member of the Year and the Jim Douglas Award of Excellence in Damage Prevention. Honourees announced at the Awards Luncheon.



# EXHIBITORS

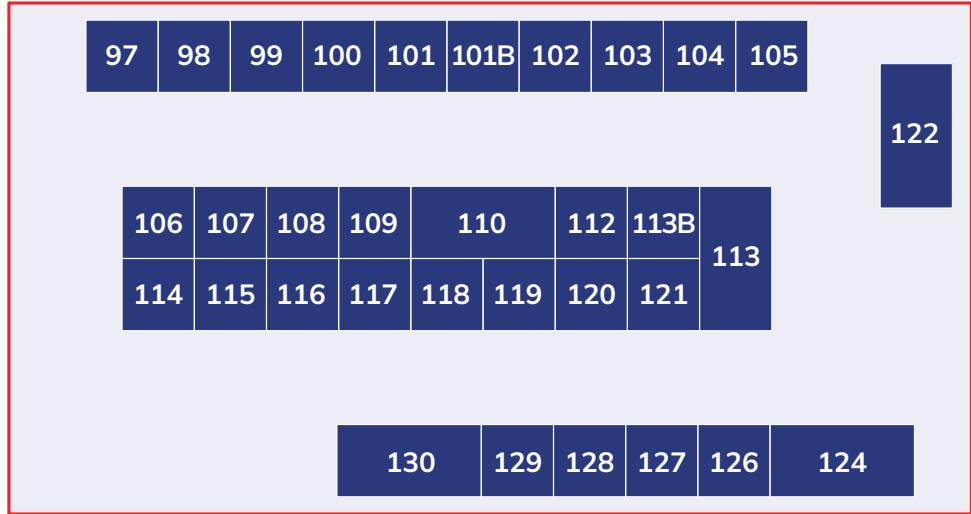
## EXHIBIT FLOOR - AUGUSTUS I BALLROOM

- 97. multiVIEW
- 98. Pelican Corp
- 99. Hurricane Group
- 100. PRG
- 101. Trenchless Technologies
- 101B. Badger Inc
- 102. JD Brule
- 103. Tri Versa Global
- 104. GSSI
- 105. TC Energy
- 106. Joe Johnson Equipment
- 107. Drain-All
- 108. Telonix
- 109. Pipetek

- 110. OE Utility Services
- 112. Jubb Utility
- 113. OEC
- 113B. Canada Energy Regulator
- 114. LineStar
- 115. T2 Utilities

- 116. Canadian Cutting and Coring
- 117. Urbint
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- 124. SuperSucker
- 126. Planview
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- 128. Bluewater
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- 130. Cansel



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# EXHIBITORS

## 97 multiVIEW



multiVIEW Locates Inc. (multiVIEW) is a Canadian-owned professional utility engineering and geophysics firm specializing in subsurface data

collection, mapping and management services. Since 1989, our team has provided professional insight and quality, accurate data that has empowered thousands of construction, engineering, environmental, and geotechnical projects across Ontario and Western Quebec. Our synergistic suite of expertise includes Subsurface Utility Engineering (SUE), CCTV Sewer Inspections, Geophysical Surveys, Concrete Scanning, Utility Locating, Ticket Screening & Look Up, and GIS & CAD Data Services. Operating from several locations across Ontario, we partner with customers to mitigate risks and cut project costs.

## 98 Pelican Corp



PelicanCorp is a leading provider of cloud-based applications for utilities, asset owners, and to the One Call

industry specifically for the protection of essential infrastructure. PelicanCorp connects people, applications and devices through a unified platform to help industry professionals manage risk and build quality projects - safely on time and within budget. PelicanCorp has a diversified business model built on 40 years of experience protecting billions of dollars of global assets. PelicanCorp is headquartered in Melbourne, Australia, with offices and operations around the globe.

## 99 Hurricane Group



The Hurricane Group is comprised of Hurricane Hydrovac, Hurricane SMS, Heaton Sanitation and Ken Lapain &

Sons Ltd. The Group's one defining vision is to provide exceptional service through experience and versatility backed by a diverse leadership team and guided by integrity, professionalism and quality workmanship.

## 100 Project Resources Group

PRG's decades of experience in broadband, telecommunication, field investigation practices, local and national dig laws, insurance, business-to-business collections, and litigation, make us a leader in the Outside Plant Damage (OPD) industry. We have a proven track record of success for resolving damage claims effectively, resulting in lower costs and higher returns on your investment.

## 101 Trenchless Utility Equipment

Trenchless Utility Equipment and Elvaan Equipment Solutions, now a part of the ELVAAN Group of Companies, is a pioneer in the Underground, Utility and Horizontal Directional Drilling Equipment industry serving the Canadian market since 1992.

Trenchless Utility Equipment And Elvaan Equipment Solutions is known for providing the highest quality of new construction, utility & heavy equipment from best global brands. HDD machines and trenchless equipment to a variety of industries. From Oil and Gas to Construction, Telecommunication, Mining, and Utility – Trenchless Utility Equipment And Elvaan Equipment Solutions has made its presence felt in several sectors across categories. The services, solutions, machine parts & technology that we sell, service, and rent is used for both residential and commercial projects.

## 101B Badger Inc

Badger Infrastructure Solutions is the largest provider of non-destructive excavating and related services in North America. For over 30 years, we have been innovating cutting-edge technology – like the Badger Hydrovac™ – and serving a diverse customer base across a broad range of infrastructure industry segments including energy, industrial, construction, telecommunications, transportation and more.

Badger Daylighting™ Sewer Service for their sewer inspections and maintenance.

## 102 JD Brule

Eastern Canada's experts in Hydro Vac trucks and trailers, Sewer Combination Cleaners and CCTB inspection equipment.

## 103 Tri Versa Global

Tri-Versa-Global is a promotional product and corporate gift supplier. What does that mean? If you need a product with a corporate logo, we will source the product and get it done. We can provide your company with Premiums (housewares, sporting goods, and electronics), Advertising Products (mugs, pens, note pads), Corporate Wear (shirts, jackets, golf wear, caps, and more), Awards (Appreciation gifts, plaques). We are able to offer embroidery, debossing, screening and pad printing services for the appropriate promotional item.



# EXHIBITORS

## 104 GSSI

GSSI is the world leader in the development, manufacture, and sale of GPR equipment. Our cutting-edge products are used all over the world to explore the subsurface of the earth. GSSI created the first commercial GPR system over 50 years ago and continues to provide the widest range and highest quality systems available today.

## 105 TC Energy



We all need energy – it warms and cools our homes, cooks our food, gives us light and gets us where we need to go.

It also improves our quality of life in countless other ways.

TC Energy, Enbridge, Trans-Northern, Imperial, Sun-Canadian and Plains Midstream representatives look forward to meeting you at the booth. This group of pipeline companies (Ontario Joint Pipelines) work together to raise public awareness on the importance of living and working safely around underground infrastructure. Stay safe and Click Before you Dig!

## 106 JJE

Joe Johnson Equipment is Canada's largest and one of North America's leading infrastructure-maintenance equipment suppliers. JJE proudly serves municipalities, contractors, haulers and industrial companies in Canada and the U.S. JJE has a long-standing reputation for distributing industry-leading products through its national branch network with a keen focus on customer support.

## 107 GFL Environmental

Headquartered in Vaughan, Ontario, GFL Environmental is the fourth largest diversified environmental services company in North America, providing a comprehensive line of solid waste management, liquid waste management, and soil remediation services in Canada and more than half of the U.S. states. Across its organization, GFL has a workforce of more than 18,000 employees. For more information, please visit our website at [gflenv.com](http://gflenv.com).

## 108 Telonix Communications Inc

TELONIX is the Canadian solutions resource for the future in the telecom industry for both fiber optics and broadband deployment, specializing in distribution of the essential tools for underground infrastructure location and utilities maintenance, backed with best practices hands-on training promoting any project's damage prevention programs.

## 109 Pipetek Environmental



Pipetek Environmental Inc is committed to offering a professional service to the Industrial and Hydro Vac industry. Since Pipetek's inception, Pipetek has always believed our best asset is our commitment from our staff. Having the right staff in the right environment leads to excellent service and satisfaction for all of our clients. Pipetek is pleased to offer the following services, Hydro Excavation, Coring and Reinstatements, Industrial Wet/Dry Vacuum services, High Pressure Water Blasting and Hot Wash services.

## 110 OE Utility Services – Formerly Ontario Excavac



We've changed our name but not our commitment to provide great service. Why the name change?

Simply, to reflect that Ontario Excavac has evolved and grown to supply end-to-end services for all your underground utility project needs. From digging to disposal, excavation to restoration, we've got you covered. With just one call, our team of experts will get your project completed safely, on-time and on-budget. Our convenient locations include: GTA, Hamilton, Kitchener, Barrie, and Oshawa. [www.oeservices.ca](http://www.oeservices.ca).

## 112 Jubb Utility

Jubb Utility Supply Limited works closely with Canadian utilities, telecommunications companies, power generation and utility contractors, providing knowledgeable solutions and support in high voltage tooling, cable installation, safety equipment and testing to industry standards.

## 113 OEC

OEC serves the infrastructure, energy, renewable generation, electricity and gas distribution sectors. With over 2,000 employees, insightful and reliable energy and infrastructure solutions are provided to OEC's clients across Canada and beyond.

Driven to Lead, Innovate and Commit to Excellence, OEC partners with clients to create value. The group of companies deliver end-to-end solutions from conception and design to engineering, construction and comprehensive field services.

To find out about OEC, visit [oecorp.ca](http://oecorp.ca) or connect with us on LinkedIn or Twitter.

# EXHIBITORS

## 113B Canada Energy Regulator

The Canada Energy Regulator (CER) is Canada's energy and safety regulator of international and interprovincial pipelines and federally regulated power lines. The CER oversees safety for the full life cycle of our regulated pipelines and powerlines. The CER promotes safe work practices around pipelines and power lines, and raises public awareness about safety by providing information and encouraging co-operation, safety education, and compliance with regulatory requirements.

## 114 Linestar

LineStar Utility Supply is a full-line stocking distributor of tools and safety equipment for the Utility Line Trades throughout Canada. We handle sales, delivery & repairs for all your tool and equipment needs. While we specialize in the Power Utility, Telecom, Arborist & Utility locating sectors, we're happy to accommodate any industry. Please stop by our booth & see some of the newest tools from some of the best manufacturers in the trade!

## 115 T2 Utilities



As an industry leader in utility engineering and surveying, T2ue has continued to build success since 2002.

T2ue strives to deliver exceptional value to our clients through a strong focus on quality. T2ue provides all elements of SUE services, including utility mapping and investigations, utility coordination, utility design and CCTV services. Through T2's clearly identified internal processes and quality investigations; deliverables are provided to clients in accordance with industry standards. Safety, innovative technologies, and project quality management systems are the top priorities.

## 116 Canadian Cutting and Coring

Established in 1964, Canadian owned and operated servicing the Construction and Damage Prevention industries throughout Ontario. Canadian Cutting and Coring is your single source for a range of services including Concrete Cutting, Coring, GPR scanning, Utility Locating and Industrial Radiography (X-Ray).

## 117 Urbint

Urbint predicts threats to workers and critical infrastructure to stop incidents before they happen. Leveraging real-world data and artificial intelligence, Urbint's software delivers a clear picture of risk up to a week in advance and enables decision makers to take action in the right place, at the right time, before an incident occurs. Many of the largest energy and infrastructure companies in North America trust Urbint to protect their workers, assets, and the communities they serve. Learn more at [urbint.com](http://urbint.com).

## 118 CR Wall

CR Wall is the preferred supplier of measurement, regulation, operations and safety equipment and solutions for the Canadian Gas Energy Industry. Customers choose CR Wall because of the knowledge, experience and high-quality products we represent. Our commitment to innovation ensures our customers have access to the right products and solutions designed to improve performance, ensure safety, simplify training, reduce costs, protect the environment and enhance daily operations.

## 119 Competers

Competers Inc is a software development firm specializing in damage prevention solutions. We are the creators of Utilocate and UExcavate. Utilocate is a locate ticket management system for utility companies, locators and damage prevention teams. UExcavate is our automated locate coordination tool, focused on simplifying the locate package and coordination processes for excavators and municipalities.

## 120 J.D. Barnes



J.D. Barnes Limited takes great pride in being a technological leader and innovator in the land of surveying and Geomatics profession. Since the firm was founded in 1960, we have constantly expanded our services by investing in

leading-edge technology and developing in-house processes beyond traditional land surveying to include the latest technological advancements in complementary fields such as aerial mapping, web mapping services, LiDAR scanning, bathymetry and utility surveys. We've continued to grow and now employ close to 480 professional surveyors, engineers, technologists, technicians, systems analysts and programmers, as well as support staff, in fourteen regional offices throughout Ontario.



# EXHIBITORS

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## 121 Ontario One Call

Ontario One Call is a service-oriented regulator of the locate industry and is the communication link between those wanting to dig and underground infrastructure owners who are required to provide locates.

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## 122 Vivax Metrotech

Vivax-Metrotech is committed to meet and exceed our customers' needs with prompt, professional service, providing quality innovative products at competitive prices! Our in-house service center can perform complete service and calibration. We fix what we sell, not just replace parts, saving you time and money.

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## 124 Supersucker

For over 20 years, Super Sucker has been Ontario's leading provider in vacuum excavation and support services. We are focused on safety and deliver complete solutions with the most technologically advanced and diverse fleet of vacuum excavation trucks, coring units, slingers, and concrete trucks. This fleet and our highly trained crews allow us to provide cost-saving options to both small and large infrastructure and utility projects throughout the province.

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## 126 Planview

Planview Utility Services Ltd. provides end to end utility design and asset management services. Our portfolio of expertise is in engineering and design, Subsurface Utility Engineering (SUE), Asset Inspections, Geographic Information Systems (GIS) integrations and migrations and customized geospatial solutions. We empower efficient utility and telecom infrastructure expansion and management with superior spatial analysis. Utilities and Telcos rely on us for asset planning and pre-engineering work; from engineering design, technical analysis, permitting and third party management and asset management. Planview Utility Services' breadth of utility expertise enables our customers with the competitive edge they need to be the best in their industry.

## 127 Terraplus



Terraplus has been in business for more than 30 years and grown to become one of the world's largest suppliers of geophysical instruments. With a wide range of equipment for sale and rent, Terraplus has a number of solutions for subsurface investigations, including ground penetrating radar (GPR), EM sensors, magnetometer/gradiometers, borehole systems, and more. Visit [www.terraplus.ca](http://www.terraplus.ca) for a complete overview for what is available from Terraplus.

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## 128 Bluewater Ideas

Since the 1990's, Bluewater Ideas has been involved with Damage Prevention Education by supplying many companies and utilities with most of their Promotional Products. In conjunction with the ORCGA and the CCGA, Bluewater Ideas has developed and implemented the [digsafe.logoshop.com](http://digsafe.logoshop.com) website e-store which includes the entire line of DigSafe Promotional items that can be customized with your company logo.

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## 129 Cablewave

Cablewave Utility Services Inc. provides utility engineering, damage prevention services and construction management throughout Ontario. With a focus on constructability, we create value through expertise.

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## 130 Cansel

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# SYMPOSIUM SESSIONS

\*Please refer to the event app for any changes.

## WEDNESDAY BREAKOUT SESSIONS | 9:15 A.M. | MERCURI/MARTIS ROOM

### Underwater Infrastructure Damage Prevention, Best Practices and Public Safety

How are waterways protected? Vessel - marine construction, anchor drags, spuds, dredging and other types of water bottom contact continues to be an emerging safety and environmental threat with the most recent incident being an oil spill along the California Coast. In Texas, August of 2020 - 5 were killed when an underwater pipeline was struck. We will review the National Transportation Safety Board's investigation and recommendations on how to prevent marine damage and promote safety - best practices, that will help protect lives and the environment. We will also discuss the "Pipeline Task Force", educational resources and what's new for integrity programs and regulations.

## WEDNESDAY BREAKOUT SESSIONS | 9:15 A.M. | SATURNI ROOM

### Dedicated Locator

An introduction about the new legal concept of Dedicated Locator as introduced in the amendments to OUNISA 2012. Dedicated Locator allows a project of any size to have a single dedicated locator to mark all underground infrastructure (excluding transmissions). We will talk about the benefits of using Dedicated Locator for excavating projects, the requirements for the members of Ontario One Call, and some of the lessons learnt to date.

## WEDNESDAY BREAKOUT SESSIONS | 11:00 A.M. | SATURNI ROOM

### Utility Engineering the Subsurface Experts

The expertise of the Utility Engineering professional doesn't just lie in providing Subsurface Utility Engineering to map utility infrastructure and coordinate redesigns/relocations. They have the skillsets and technologies to resolve more abstract issues designers face on their projects as they venture into the unknown environment of the subsurface. While we tend to be the bearer of bad news when providing our information, as the results tend to mean project delays or design changes, it at least allows time while still at the design stage to make the appropriate decisions to manage risks. If not known and accounted for, the alternative to these impacts would result in far greater project delays, substantial project costs or worse damages and injuries.

## WEDNESDAY BREAKOUT SESSIONS | 11:00 A.M. | MERCURI/MARTIS ROOM

### Is This "Property Line" Accurate?

In the modern world, we tend to expect that digital data presented to us is accurate. This natural expectation carries over to geospatial data, and more specifically - property boundary information. The reality, however, is that those who rely on boundary data - designers, planners, engineers, construction teams, recordkeepers, and many others - are regularly forced to make judgement calls based on information that may or may not be accurate. This presentation and discussion will shed light on the different flavours of geospatial boundary datasets that we frequently encounter. It will touch upon 'Legal Surveys' and the role of a Licensed Ontario Land Surveyor. Through case studies, attendees will be introduced to the dangers of misusing data that may mimic accurate boundary/property information. The session will also provide guidelines aimed at limiting and possibly avoiding the dangers altogether.

## WEDNESDAY BREAKOUT SESSIONS | 2:00 P.M. | MERCURI/MARTIS ROOM

### Climate Change Impacts on Damage Prevention

This presentation will discuss the increasing incidence of major weather events and their aftermath, the human factors that play into activities after a disaster and the federal regulatory requirements that come into play.



# SYMPOSIUM SESSIONS

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## WEDNESDAY BREAKOUT SESSIONS | 2:00 P.M. | SATURNI ROOM

### Competency, What is it? And How Does it Apply to ORCGA DPT Certification

Recent events in Ontario around Dedicated Locators have called into question locator skills and abilities. Is basic training enough?, do we need certification? Which one? How do we define locator competency? This presentation will look at existing definitions of competency in industry, in law and in current training opportunities. We will look at the legal definition of competency at various levels, compare it to accepted industry definitions and then compare these concepts to the ORCGA DPT Certification. We will take a deep dive on the certification process and explain how ORCGA DPT Certification is the best program of its kind.

## WEDNESDAY BREAKOUT SESSIONS | 3:45 P.M. | MERCURI/MARTIS ROOM

### Dedicated Locator

An introduction about the new legal concept of Dedicated Locator as introduced in the amendments to OUNISA 2012. Dedicated Locator allows a project of any size to have a single dedicated locator to mark all underground infrastructure (excluding transmissions). We will talk about the benefits of using Dedicated Locator for excavating projects, the requirements for the members of Ontario One Call, and some of the lessons learnt to date.

## WEDNESDAY BREAKOUT SESSIONS | 3:45 P.M. | SATURNI ROOM

### Validity and Sharing Locates

Validity would be covered by a review of BP 3-21: Requirements for a Valid Locate. This would be followed by a discussion on the development of regulations on how to notify ON1Call and the methods currently available. The last part would stress the importance of meeting the conditions of the locate, e.g. working within the located area, not exceeding specified depth, etc.

## THURSDAY BREAKOUT SESSIONS | 9:15 A.M. | MERCURI/MARTIS ROOM

### Accelerated High Speed Internet Program and BBFA

The AHSIP program was designed by Infrastructure Ontario to expedite the delivery of subsidized Broadband deployments across the province of Ontario. To achieve success, the province implemented legislative and regulatory measures aimed at “clearing the path” for Internet Service Providers. Our presentation will cover the AHSIP program overall, its development and implementation and the BBFA (Building Broadband Faster Act) as well as a brief description of the predecessor of the BBFA which was BTFA (Building Transit Fast Act) - legislation developed to support of rapid deployment designed transit projects.

## THURSDAY BREAKOUT SESSIONS | 9:15 A.M. | SATURNI ROOM

### Damage Prevention Risk Assessment Using Real-Time Call-Before-You-Dig and Natural Gas GIS Data

Are you looking to make significant improvements to your damage prevention program? Join Melissa on a journey through how leveraging spatial data can reduce your damages. The consequences of hitting a natural gas line are severe and could directly impact everything from public safety, infrastructure repairs and restoration, length of customer outages, legal action, harming the environment and property damage. The Damage Prevention Risk Analysis Toll (a.k.a. DPRAT) assesses and mitigates the risk of an impact by assembling a workflow combining real-time locate data, natural gas assets, population density, and points of interest to determine the proximity to infrastructure, probability of a damage and the ramification of an impact. Using a series of sophisticated algorithms to predict and evaluate risk, this model can forecast upwards of 70% of damages made on high risk locates. By providing a risk score for each locate request, the natural gas provider can be empowered to make proactive and time-sensitive decisions on high risk locates.

# SYMPOSIUM SESSIONS

\*Please refer to the event app for any changes.

## THURSDAY BREAKOUT SESSION | 11:00 A.M. | SATURNI ROOM

### **Dig Safe - Thinking Outside the Box - Utilizing New Tech to Help an Age-Old Issue**

The construction/excavation industry is growing and evolving and yet it continues to struggle through the same issues year after year. Gaining a better understanding of what is going on under the ground is paramount, but Ontario One Call utility locates are only part of the solution. If construction and engineering firms spent more time and budget on project planning and investing in SUE investigations that utilized new technologies such as Multi-Channel Ground Penetrating Radar (MCGPR) and LiDAR scans for chamber sizing and locations, many delays and even injuries during construction could be avoided. A diverse industry needs diverse solutions for each growing concern, whether it be identifying abandoned utilities, more accurate location of subsurface infrastructure (including depth and size) or accurately measuring chamber sizes in congested locations. New technologies are needed to obtain the required information faster and more accurately. This paper/presentation will explore some of these techniques and provide real life examples from recent projects where 4Sight Utility Engineers have effectively used cutting edge equipment and technology. It will explore how using SUE and these new technologies can save time, money and greatly increase the level of safety in any construction project.

## THURSDAY BREAKOUT SESSION | 11:00 A.M. | MERCURI/MARTIS ROOM

### **The Importance of Utility Locates in the Success of Your Projects**

If you are in the business of breaking ground in Ontario, then you certainly understand you must request and wait for a locate to do your work. For many project managers and coordinators, the request to have a locate completed is a task on their checklist during the project startup phase, like requesting a permit from the region or municipality. But treating a locate like a permit is the first indicator that your projects will not be as successful as they could be. Although placing a request in and of itself is a simple task, thanks to years of hard work by industry advocates, who is managing the request, when it is placed, where you are requesting a locate, how you convey the requirements of your request and why the request is needed in the first place is not quite as simple. Increasingly, formalized training is required to ensure that key roles in the process are knowledgeable and effective. Organizational locate processes and procedures are critical to mitigating the systemic issues that exist within the locate industry so that you have what you need to dig safely and efficiently when you need it. Over the course of this presentation, I will provide insights into methodologies that improve your relationship with the utility locate industry, increase the productivity and profitability of your excavation projects, and how to successfully and cost effectively navigate and manage requests in a complex and inefficient system.

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But would you settle for "pretty sure" when it comes to turning off a breaker, or putting your hand into a piece of machinery?

Why take the risk?

Whether trenching, boring, grading or any other type of ground disturbance, contact Ontario One Call first, and wait for the locate.

Visit [OntarioOneCall.ca](http://OntarioOneCall.ca), because trying to save time could cost you more than you can imagine.





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GOLF TOURNAMENT  
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