



it starts here

2nd ANNUAL
JOINT CONFERENCE & TRADE SHOW
SEPTEMBER 15-18, 2019
PENTICTON, BC

2019

PARTNERS:



2019

IT STARTS HERE

Conference Site

Penticton Trade & Convention Centre
273 Power St, Penticton, BC V2A 7K9



Nestled between the Okanagan Lake to the north and Skaha Lake to the south, Penticton is a vibrant Rocky Mountain city offering no shortage of things to do, from hiking or biking the Kettle Valley Trail to skiing Apex Mountain to climbing the Skaha Bluffs. Penticton boasts 28 golf courses, including 7 championship courses.

Along with all of the year-round recreational activities available, Penticton is home to over 80 wineries, 5 craft breweries and 3 distilleries all within easy distance of the downtown core.

This joint conference is presented by the British Columbia Municipal Safety Association and the Public Works Association of British Columbia.

Accommodation

We have reserved a block of rooms at several Penticton properties for attendees. We encourage you to reserve rooms early to avoid the disappointment of hotels selling out. Please see below for hotel booking information:

PENTICTON LAKESIDE RESORT

21 Lakeshore Drive West, Penticton, BC

Room rate: from \$196 + taxes

Booking: call Reservations line directly at 1-800-663-9400 and identify yourself as being with the PWABC & BCMSA Joint Conference

Online Booking: enter the group code "PWAMSA" in as the Promo Code to get the group rate

PENTICTON RAMADA

1050 Eckhardt Avenue West, Penticton, BC

Room rate: from \$134.00 on Sun/Mon/Tues and \$189.00 on Sat + taxes

Booking: call 250-492-8926 Ext 0 and quote the group code CGPW19

Online Booking: not available

COAST PENTICTON HOTEL

950 Westminster Avenue West Penticton, BC

Room rate: from \$147 + taxes

Booking: call 1-800-665-5177 (Speak with the front desk) and quote the group code CPH-GF315

Online Booking: not available

The benefits include more presentations in key topic areas including safety, public works, and leadership; a larger trade show; and more opportunities to network with municipal leaders and industry professionals from across BC.

Combining the key strengths and areas of expertise of each of our associations elevates the quality and value of your conference experience.

Trade Show

Many local and national suppliers will be displaying their products and services for you. This is an excellent opportunity to ensure you are current with the most recent developments and solutions for your workplace.

TRADE SHOW HOURS:

Monday, Sept 16: 9:30am - 10:00am
11:30am - 6:00pm

Tuesday, Sept 17 in North Lobby:
9:15am - 9:45am
12:00pm - 1:00pm
(table top exhibitors)

CEU Credits

The Environmental Operator's Certificate Program (EOCP) has awarded the Conference 0.55 CEU's each day (total 1.1 CEUs).

Classification for Workshop Streams

The classifications of Leadership, Public Works, and Safety offer an indication of the focus of a presentation for a delegate's consideration.

L Leadership

PW Public Works

S Safety

Register for the conference online:

<https://events.eply.com/2019Delegates>

Note: session selection is not required



timetable

SUNDAY SEPTEMBER 15

11:00am - 5:00pm	Golf Tournament hosted by the Municipal Services Association. For more information, please go to msa-bc.org .
3:00pm - 5:00pm	BCMSA Membership Meeting - Lakeside Hotel - Merlot Room
3:00pm - 8:00pm	Registration - Penticton Trade & Convention Centre
7:00pm - 9:00pm	Meet 'n Greet Social - Penticton Trade & Convention Centre

MONDAY SEPTEMBER 16

7:00am - 8:00am	Breakfast (Ballroom)				
8:00am - 9:30am	WELCOME & OPENING REMARKS: Ashifa Dhanani, Executive Director, PWABC and Mike Roberts, Executive Director, BCMSA; and featuring Chris Back, Director, Industry & Labour Services, WorkSafeBC KEYNOTE PRESENTATION: Harnessing the Hurricane of Change: Increasing Resilience through the Mindset of a Champion by Mark DeVolder				
9:30am - 10:00am	Coffee Break & Exhibitors				
10:00am - 11:30am	PW Active Transportation Project Delivery with Municipal Staff	PW Acoustic Inspections of Gravity Sewer Mains	S Psychological Health and Safety in the Workplace	S Compliance to Commitment: Safety Culture Transformation at the City of Vancouver	
11:30am - 1:30pm	Lunch & Trade Show				
1:30pm - 2:30pm	PW Innovative Solar Lighting for the City of Vancouver Arbutus Greenway	PW City of Kelowna - Landfill Operation	L Are they really listening?	S Steering the Ship for Young Workers to Work Safely	S Hazmat in Your Workplace - Do You Know Your Responsibilities?
2:30pm - 3:00pm	Coffee Break & Exhibitors				
3:00pm - 3:40pm	PW An Innovative Approach for Building Better Roads	PW All aspects of project cycle from funding through construction on Hall Street in Nelson	L When a Policy Isn't Enough: Workplace Violence, Bullying and Harassment and Employer Obligations	S Introduction to Process Safety, Identification of Hazards and Critical Controls	S Is vehicle safety part of your Safety Program? It should be.... Here's why, and how to make it happen.
3:50pm - 4:30pm	PW Voice of the Customer	PW What lurks above and below ground: safety around utilities			
4:30pm - 6:00pm	Cocktail Reception at the Trade Show with Prize Raffle				

TUESDAY SEPTEMBER 17

7:00am - 8:00am	Breakfast (BALLROOM)				
8:00am - 9:15am	WELCOME AND PLENARY SESSION KEYNOTE PRESENTATION: Leadership: It Starts With ME by Michelle Ray				
9:15am - 9:45am	Coffee Break				
9:45am - 10:45am	PW Technology & Innovation: Utilizing Ground Penetrating Radar Technology for the Preservation of Tree Roots	PW City of Burnaby SCADA Master Plan	L Risk Register – Best Practices and Lessons Learned	S Recognizing when you are emotionally exhausted	S Safety Coach
10:45am - 11:00am	Room Change				
11:00am - 12:00pm	PW The New Professional Governance Act: What is it and how will it impact Public Works	PW Maintenance Malfunction: Using Asset Management to Overcome Liability Risks	L Fit for Duty: More than Peeing in a Cup	S Health and Safety Responsibilities: Who's On First?	S Separating Safety from Labour Relations
12:00pm - 1:00pm	Lunch & Trade Show				
1:00pm - 2:00pm	PW Biosolids Management Strategy	PW Decommissioned AC Pipe and how it needs to be managed	L Emergency Management - How to Build an Arc	S Discriminatory Actions – Beyond Human Rights	S Safety Committees: Beauty or Beast?
2:00pm - 2:30pm	Coffee Break				
2:30pm - 3:30pm	PW Digital Technology can help Municipalities Better Manage Forest Fire Risk and Response	PW Applying a Climate Lens to Infrastructure Projects	L Effective Collaboration: How to Achieve Success, Increase Safety, Save Time, and Keep People Happy	S Understanding & Conducting Risk Assessments	S The pot thickens: Managing cannabis use and impairment in the workplace
3:30pm - 3:40pm	Room Change				
3:40pm - 4:40pm	PW Core Services - How Flooding affects Critical Infrastructure	L Safety Innovations in Road Marking Applications	L Basics of Integrated Project Delivery	S My Chair is Plotting to Kill Me	S Building Foundations to Reach Safety Excellence - The Port Coquitlam Experience
6:00pm - 7:00pm	Cocktail Reception				
7:00pm - 9:30pm	Awards Banquet				

WEDNESDAY SEPTEMBER 18 POST CONFERENCE TRAINING

8:30am - 4:30pm	JOHSC Fundamentals	Fatigue Mgmt For Supervisors
8:30am - 12:00pm	Workshop - Communications Skills for Leaders	
8:30am - 12:30pm	First Nations Salmon Hatchery, Invasive Mussels and Being Bear Aware Tour	

All sessions, events, times, descriptions and locations are subject to change without notice.



monday sessions

SEPTEMBER 16, 2019

10:00am - 11:30am

PW Active Transportation Project Delivery with Municipal Staff

The District of Saanich is unique in its ability to undertake all phases of Active Transportation projects large and small with municipal staff. The world of Active Transportation projects and the related design is changing rapidly. These new ways of re-imagining streets are increasingly complex to design, build and maintain and municipal staff must evolve to adapt to the changing environment. This presentation will showcase our process in Saanich for using municipal staff from project planning to design, through construction and project closeout. We will also share lessons learned and 'how to' strategies for delivering these unique and complex projects in a large variety urban and rural settings.

SPEAKER: Troy McKay, District of Saanich

PW Acoustic Inspections of Gravity Sewer Mains

This session details the Township of Langley's sanitary sewer inspection program and our efforts to identify sanitary sewer mains that do not require flushing during our annual flushing program. The program has also helped to identify problem sewer mains and allows for quick inspections to determine if further inspection is required.

SPEAKER: Dave Jarvis, Acting Utilities Operations Superintendent, Township of Langley

S Psychological Health and Safety in the Workplace

Learn about how to promote mental health and address mental illness, including addiction, in the workplace from a health and safety perspective. This workshop includes a review of local policies or regulations, and provides an overview of National Standard of Canada for Psychological Health and Safety in the Workplace.

SPEAKER: Lucette Wesley, Canadian Mental Health Association

S Compliance to Commitment: Safety Culture Transformation at the City of Vancouver

Find out about the City of Vancouver's safety culture transformation journey from compliance to commitment. Presenters will share their experience of engaging with multiple organizational stakeholders in the evolution of the Safety Management System with a greater focus on a hazard identification and risk assessment mindset.

SPEAKERS: Dan Smith, City of Vancouver and Nicole Horspool, City of Vancouver

7:00am - 8:00am
BREAKFAST (BALLROOM)

8:00am - 9:30am

Welcome & Opening Remarks

Ashifa Dhanani, Executive Director, PWABC and Mike Roberts, Executive Director, BCMSA; and featuring Chris Back, Director, Industry & Labour Services, WorkSafeBC

MONDAY KEYNOTE PRESENTATION:

Harnessing the Hurricane of Change: Increasing Resilience through the Mindset of a Champion



Change is constant, unpredictable and accelerating. Extreme change can – much like a hurricane – leave you dizzy, dazed and disoriented, as though the earth is moving under your feet. Even if you survive the storm, you know more is coming.

Change expert Dr. Mark DeVolder throws a lifeline to you with strategies he's developed to clear away the fog. You will learn how to rewire your brain to adapt to change, future-proof yourself and increase personal resilience by developing the mindset of a champion. Mark's practical principles enable you to act boldly, nimbly and quickly in face of exponential change.

SPEAKER: Dr. Mark DeVolder

9:30am - 10:00am
COFFEE BREAK & EXHIBITORS

sunday

SEPTEMBER 15, 2019

11:00am - 5:00pm

Golf Tournament hosted by the Municipal Services Association. For more information, please go to msa-bc.org.

3:00pm - 5:00pm

BCMSA Membership Meeting at the Lakeside Hotel

3:00pm - 8:00pm

Registration - Penticton Trade & Convention Centre

7:00pm - 9:00pm

Meet 'n Greet Social - Penticton Trade & Convention Centre

FREE sunday social

7:00pm - 9:00pm
MEET 'N GREET SOCIAL
at the
PENTICTON TRADE &
CONVENTION CENTRE

This is a wonderful opportunity to get to know your fellow delegates, meet the speakers, and your conference steering committee.

monday

11:30am - 1:30pm
LUNCH & TRADE SHOW

1:30pm - 2:30pm

PW City of Kelowna - Landfill Operation

Mid to large sized landfills are almost an entire Public Works Department in one operation. The Glenmore Landfill manages nuisances, clean water, sewage operations, road and earth works, landscaping, traffic, and landfill gas infrastructure. This presentation will provide an overview of how landfills are designed, constructed, operated and closed while trying to serve the public in a safe and efficient operation.

SPEAKER: Scott Hoekstra, City of Kelowna

PW Innovative Solar Lighting for the City of Vancouver Arbutus Greenway

In 2016, the City of Vancouver purchased the Arbutus Corridor rail line from Canadian Pacific Railway (CPR) with the intent of transforming it into a premier greenway for walking, wheeling, cycling, and a future streetcar line. The Arbutus Greenway will reimagine a historic rail corridor and will provide a high-quality, accessible public space for walking, cycling, and rolling. It will be a destination that fosters both movement and rich social interaction – inspired by nature and the stories of the places it connects. The City of Vancouver and Urban Solar will discuss the lessons learned from this project for the benefit of public works professionals across the province.

SPEAKERS: Eben Lindsey, Urban Solar; and TBD, City of Vancouver

S Steering the Ship for Young Workers to Work Safely

Learn some valuable insights about young workers and how we can inspire and motivate young workers to work safely. Explore practical, fun and effective ways in which employers can interact with their young workers to foster a safe, healthy and productive workplace.

SPEAKER: WorkSafeBC: Robin Schooley or Helen Chandler

L Are they really listening?

Day in and day out you talk about Safety. You present to Senior Executives on budgetary needs. You talk to Managers on how to promote and instill a safety culture. You talk to your Supervisors on how to inform and keep their direct reports safe but at the end of the day do you feel confident that they truly heard you and are taking the action you want?

Christina and Joanne will send you away with 3 practical and immediately useful techniques for:

- Engaging your audience
- Improving information retention
- Increasing your effectiveness, the next time you talk about safety or any other topic

SPEAKERS: Christina Sestan, Citrus Coaching and Joanne Stinson, JMS Consulting

S Hazmat in Your Workplace - Do You Know Your Responsibilities?

The B.C. Hazardous Waste Regulations and the Transportation of Dangerous Goods (TDG) Act and Regulations both have an impact on how generators, waste contractors, carriers, and facilities handle hazardous waste.

The primary area of concern at hand is the lack of understanding of how these regulations differ from one another and how each impact the overall compliance of all parties. With the primary focus of this presentation being on the hazardous waste generators responsibilities and the need to understand what those responsibilities are as legislated from both of these government agencies.

Generators of hazardous waste often rely on the contractors to handle and move hazardous waste from their facilities however they are not necessarily aware of the roles and responsibilities that are placed on them by the laws.

This presentation will cover what generators of hazardous waste need to know with regards to the waste they generate and what they need to comply with the Transportation of Dangerous Goods Regulations as well as the Hazardous Waste Regulations.

SPEAKER: Kevin Swinden, Global Hazmat

2:30pm - 3:00pm
COFFEE BREAK & EXHIBITORS

3:00pm - 3:40pm

PW All aspects of project cycle from funding through construction on Hall Street in Nelson

Hall Street was identified as one of the most important streets in Nelson to reflect the City's cultural identity and vibrancy; it is also the only downtown street that provides direct access from the Kootenay Lake waterfront into the downtown core. The Hall Street project was completed over two phases, both with very different challenges. This presentation will look at all aspects of project cycle from funding through construction and a specific focus on the storm water design including: climate change analysis, getting a 1:100 year design flow into pipes and under a rail line, sediment removal for major flows, and addressing failures from existing storm systems.

SPEAKERS: Avi Thiessen, WSP and Jeff Tawil, WSP and TBD, City of Nelson

PW An Innovative Approach for Building Better Roads

Through ongoing investment, product development and innovation, Tensar has successfully re-engineered the geogrid structure; creating a revolutionary new TriAx® Geogrid specifically designed for trafficked surfaces. In this presentation, I'll talk about incorporating mechanically stabilized layers into roadways. Because of the way geogrid works to confine aggregate and mitigate its lateral spreading under load there are significant benefits to its use. A mechanically stabilized aggregate layer has increased initial and long-term stiffness when compared to a conventional unbound aggregate layer. The resulting performance improvement can be used to dramatically increase the design life and or lead to a reduction in the the upfront costs of construction by optimizing the thickness of pavement components (Asphalt and aggregate base). In other words, I will show you how we really can do more with less; while at the same time improving safety on the jobsite and the surrounding community, reducing environmental impact and minimizing damage to existing roads. Tensar will be including case studies with a municipal focus on these projects.

SPEAKERS: Kris Broadhead, Tensar International Corporation and Mike Matejka, City of Cranbrook



SEPTEMBER 16, 2019

monday sessions

3:50pm - 4:30pm

PW Voice of the Customer

Don't be afraid of asking the question. Be afraid of not knowing the answer. Simply adding a customer satisfaction survey at the end of all 'Report A Problem' interactions can deliver substantial benefits to your Operations improvements, such as:

- Reducing complaints & resources spent resolving resident issues
- Providing evidence for increased budgets
- Boosting public trust and support
- Reducing taxpayer frustration and issues being bumped up to City Hall

In this session learn how you can use a simple customer satisfaction feedback loop to save time and money. Learn what questions the City of Surrey asks and how they have been able to use the answers to shift their focus and drive even greater success.

SPEAKER: Kent Waugh, City of Surrey

PW What lurks above and below ground: safety around utilities

It is important to be aware of underground and above ground utilities when engaging in any type of outside work. When it comes to digging safely or working around power lines, there is a right way and a wrong way to do it. Making mistakes can endanger the workers involved, could affect your reputation, cause project delays and cost unnecessary costly repairs. In this session, we will discuss what you need to do to follow proper procedures for FortisBC and BC Hydro. This is an interactive session and further resources will be offered to everyone in attendance.

SPEAKERS: Ian Turnbull, Fortis BC and Marty Shredwick, Trans Mountain Pipeline

VISIT
THE
tradeshow

TRADE SHOW HOURS:

MONDAY, SEPT 16:
9:30AM - 10:00AM
11:30AM - 6:00PM

TUESDAY, SEPT 17
IN NORTH LOBBY:
9:15AM - 9:45AM
12:00PM - 1:00PM
(TABLE TOP EXHIBITORS)

Many local and national suppliers will be displaying their products and services for you. This is an excellent opportunity to ensure you are current with the most recent developments and solutions for your workplace.

3:00pm - 4:30pm

S Introduction to Process Safety, Identification of Hazards and Critical Controls

WorkSafeBC has embarked on a Process Safety Initiative with the goal of assisting employers in high hazard industries or who have high hazard workplaces to prevent catastrophic events by assessing employers understanding of their risks and their systems for managing process safety at their workplaces. In regards to municipalities this may include but not be limited to: waste conversion sites (e.g. biogas facilities), water treatment facilities including waste water treatment plants, ice rinks and curling facilities, and swimming pools using gaseous chlorine.

The initiative focusses on the identification, monitoring, and maintenance of critical controls associated with preventing and mitigating catastrophic events at the workplace. The presentation includes an introduction to process safety and the critical control approach, along with information on the WorkSafeBC Process Safety Initiative.

SPEAKERS: Jennifer Fung, WorkSafeBC and Jonathan Truefitt, WorkSafeBC

S Is vehicle safety part of your Safety Program? It should be... Here's why, and how to make it happen.

Motor vehicle incidents on the job account for 24 fatalities on average every year in BC and result in thousands of lost time hours. Minor dents, scratches, mirror replacements and fender dings that don't attract an insurance claim cost your municipality thousands annually. Vehicle safety is serious but does your JHSC even look at incidents? Do you investigate them all? This session will provide an overview of how you can bring vehicle and driver safety into your Safety Program, (or if it's already there, make it work better), elements of an effective program and a look at some expected results.

SPEAKER: Spencer McDonald, Thinking Driver

L When a Policy Isn't Enough: Workplace Violence, Bullying and Harassment and Employer Obligations

Employers have significant occupational health and safety obligations when it comes to preventing and addressing workplace violence, bullying and harassment. This presentation will go beyond the requirement to have a policy in place, and will focus on both proactive and reactive steps that employers should take to ensure that they are meeting their obligations.

SPEAKER: Kacey Krenn, Harris and Company LLP

Tuesday

7:00am - 8:00am
BREAKFAST (BALLROOM)

8:00am - 9:15am

TUESDAY KEYNOTE PRESENTATION:

Leadership: It Starts With ME



We've often heard the adage "everyone can be a leader", but what does this mean? More importantly, how is this relevant to your career and your life? The most practical answer is to think of leadership in terms of character, not position or title. A leader is someone at any level who has grasped the ability to take charge of their thoughts, and consequently their actions, in any situation.

The pressures of everyday work and life can take a toll, both personally and professionally, inhibiting the opportunity to evolve as the best version of yourself. Miscommunication, workplace drama and internal misunderstandings between various team members can have a negative impact on the atmosphere and overall culture. These situations necessitate self-leadership; i.e. the skill and awareness to lead yourself first!

Delivering her message with insight, wit, energy and humour, Michelle's engaging, informative and dynamic keynote presentation offers practical, actionable strategies to help you take the lead, rise above the day-to-day challenges and strengthen relationships at all levels.

Benefits of attending:

- Build a leadership blueprint to take charge of yourself, your work and your life!
- Shift your mindset and evict the colleagues, managers and others who are living "rent free" in your head
- Practice objectivity and put the "small stuff" into perspective
- Tap into your innovative potential to bring out the best in yourself and others

SPEAKER: Michelle Ray

9:15am - 9:45am
COFFEE BREAK

9:45am - 10:45am

PW City of Burnaby SCADA Master Plan

The City of Burnaby's Supervisory Control and Data Acquisition (SCADA) system is a critical component of the municipal infrastructure. The existing equipment and software that comprise the City's overall SCADA system are facing real world challenges from increased urban development, capacity demands, and technology obsolescence. The City of Burnaby has been experiencing major growth over the past 15 years as a result of new, large-scale developments. This growth in both population and overall development has put significant stress on the existing SCADA system with high rise developments blocking established radio paths and additional Water and Wastewater infrastructure being built and commissioned. This new infrastructure has introduced technologies that may not be compatible with the existing SCADA system, and the developments require new radio paths to be investigated and developed. The City is projected to grow substantially in the following years which will place even more demands on the SCADA system.

SPEAKERS: Brendan White, PBX Engineering and TBD, City of Burnaby

L Risk Register – Best Practices and Lessons Learned

The intent of this presentation is to introduce risk registers conceptually to those in the audience who may not be familiar with them, or a refresher for those who would like to review the use of risk registers. Pacific Safety will also provide some practical and technical examples that look at the components of risk registers, their value and how they can be used simply or in a more complex fashion.

Those attending the presentation should receive a general understanding of the value of risk registers, an overview of the basic components of a risk register, information on standards and best practices and tips on how to facilitate risk register workshops.

SPEAKER: Fernando De Melo, Pacific Safety

S Recognizing when you are emotionally exhausted

This workshop is designed to help us understand what compassion fatigue is, and to use the ABCs of prevention by: building Awareness and recognizing the signs in ourselves and those around us; developing skills to bring Balance in our lives by using effective coping strategies and understanding the difference between depleting and nourishing activities; and to re-Connect and build positive support systems both in our personal and work life.

SPEAKER: Lucette Wesley,
Canadian Mental Health Association

PW Technology & Innovation: Utilizing Ground Penetrating Radar Technology for the Preservation of Tree Roots

Ground Penetrating Radar (GPR) is being used as a tool for locating and mapping tree roots in proximity to construction of roads, sidewalks, paths, and underground utilities. This technology is of interest to professionals engaged in the preservation of the Urban Forest who work in municipal parks, engineering and public works departments. The technology and software facilitates productive information and communication with engineers and architects as it produces root detection and mapping information in CAD file types. We are successfully utilizing this technology with many of our municipal clients to preserve the Urban Forest Canopy Cover. Please join this 1-hr indoor interactive presentation of case studies where GPR technology was successfully used to preserve trees during construction and utility installation.

SPEAKER: Tom Walz, BC Plant Health Care

S Safety Coach

As the safety expert in your organization, you're responsible for providing pertinent safety information. But do you ever feel like you've slipped into a bit of a parental role of 'reminding' staff over and over and wondering why people don't show more initiative? In this session, we'll explore how to use a coaching approach to shift this pattern by moving away from telling and solving and towards asking and developing. Leave with 3 simple coaching practices you can put into action immediately.

SPEAKER: Christina Sestan, Citrus Coaching



SEPTEMBER 17, 2019

Tuesday sessions

10:45am - 11:00am
ROOM CHANGE

11:00am - 12:00pm

PW Maintenance Malfunction: Using Asset Management to Overcome Liability Risks

In this session, Tom and Samantha will discuss the lessons that can be learned from the MIABC's claims data and review how asset management decisions influence and can be used to overcome those trends. They will review tools that help municipalities make asset resource allocation decisions and will explain how these tools can also help local governments prove a policy defense in the event of a claim. Participants can expect to come away from this session with a better understanding of how to use municipal asset management to overcome common liability risks.

SPEAKERS: Municipal Insurance Association of BC: **Tom Barnes** and **Samantha Boyce**

PW The New Professional Governance Act: What is it and how will it impact Public Works

Control, alarming, monitoring, data logging, and diagnostic support are all managed through the City's SCADA system. The City Parks department also piggy-backs on the SCADA wireless network to achieve communication connectivity to a number of their sites that have irrigation, lighting, and door controllers. Growth in the city, the advancement of technology, and the increased emphasis on efficiency and visibility into system performance require the City to implement a modern, scalable SCADA network and overall system in order to allow for reporting, reliability, and maintainability.

SPEAKER: **Theresa McCurry**, ASTTBC

L Fit for Duty: More than Peeing in a Cup

Fit for duty has traditionally focused on screening out high risk human behaviour (e.g., someone has an incident, we send them for drug screening). However, there is no breathalyser for fatigue, or for stress. This workshop introduces a "systems" approach to Fit for Duty, whereby the focus shifts to flaws in the system, and not just the flaws in the worker.

SPEAKER: **Mike Harnett**,
Solaris Fatigue Management

S Separating Safety from Labour Relations

The line between Occupational Health & Safety and Labour Relations often blur. Today's safety professional needs to know how and when that can occur so they can understand the interaction between safety and labour/employment issues. Participants will learn some practical tips on how to distinguish between, and deal with, the safety versus employment focus.

SPEAKERS: **Kasey Krenn** and **Brad Cocke**,
Harris and Company LLP

S Health and Safety Responsibilities: Who's On First?

This presentation explores the health and safety responsibilities of owners, prime contractors and employers in multiple-owner and multiple-employer workplaces. In helping you understand "who's on first", Kim will navigate applicable workers' compensation law and policy with some cool diagrams, and test your application of key concepts with some real life scenarios.

SPEAKER: **Kim Fournier**,
Employers Advisor's Office

1:00pm - 2:00pm

L Emergency Management - How to Build an Arc

Be it ancient legend or historical truth, over 1,500 stories worldwide make reference to the great flood. And there are even more variations to stories of who endured... and how. Regardless of the source of the story you are familiar with, all tales share the same themes: those who survived decided, well before the catastrophe, to prepare; they established strategies defining what they needed to do; they created plans for the actions they needed to take; they developed the tools necessary to put the plans into action; and, when the time came, they put their plans into actions.

Explore what it takes to have a successful preparedness program and ways to navigate around some of the potential challenges. We'll look at resources, tools and tips that may assist you in enhancing or expanding your own program and provide an opportunity at the end to answer any questions you may have.

SPEAKER: **Charmaine Pflugrath**,
City of Burnaby

S Safety Committees: Beauty or Beast?

Gone are the days when employers could treat Safety Committees as just a necessary evil, something in place just because it was required by Regulation but not something useful in the grand scheme of things. And gone are the days when Committees should just be going through the motions and doing the same things month after month without taking proactive steps to improve safety for the workers they represent.

Recent changes to the *Workers Compensation Act* have increased the responsibility for safety committees to an unprecedented level, and at the same time have increased the reliance that employers must place on committees to improve safety in the workplace.

In this session we will review not only what these increased responsibilities are, but also what makes a Safety Committee great. Participants will take away valuable tools to energize meetings and make the important work done by committees proactive, and not just reactive.

SPEAKER: **Cathy Cook**, Safe Harbour Consulting

Tuesday

1:00pm - 2:00pm continued

PW Decommissioned AC Pipe and how it needs to be managed

The network of asbestos-containing pipes in B.C. is aging or failing. As a result, it's being replaced over time. Municipalities, contractors working on municipal projects, and other employers have responsibilities for the safe handling and disposal of asbestos-containing materials. In this session we will discuss the potential hazards and explain the existing regulations and required procedures for removing asbestos-containing pipes.

SPEAKER: Andrew Kidd, WorkSafeBC

PW Biosolids Management Strategy

The City of Kamloops has undergone an extensive process to evaluate biosolids management options from around the world using a stakeholder working group to gather opposing views on various evaluation criteria. Options were placed through an initial pre-screening process to ensure they were suitable for Kamloops and then further evaluated using a triple bottom line approach which considered social, economic and environmental factors.

SPEAKER: Greg Wightman, City of Kamloops

S Discriminatory Actions – Beyond Human Rights

Did you know firing a worker after that worker reported a health and safety issue can lead to a discriminatory action complaint? Did you know about half of the discriminatory action complaints filed cite bullying and harassment as the safety concern raised that led to the discriminatory action? Did you know discriminatory action complaints can cost employers thousands of dollars and many hours to defend? Let Kim walk you through the complaint process; remedies; appeals; and lessons learned to help you navigate a discriminatory action proceeding – or better yet, avoid one altogether!

SPEAKER: Kim Fournier,
Employers Advisor's Office

2:30pm - 3:30pm

PW Applying a Climate Lens to Infrastructure Projects

The concept of infrastructure resilience is receiving increasing attention as communities begin to face risks and opportunities associated with environmental, societal, and technological change. Using recent project examples for water and wastewater infrastructure, we will outline the process for completing both the Greenhouse Gas Mitigation Assessment and Climate Change Resilience Assessment plus lessons learned from the first federally approved Climate Lens Assessment. Following this session participants will be able to:

1. Understand the future trends affecting municipal infrastructure
2. Learn about accepted practices and processes to identify resilience to climate risks and assess their significance
3. Understand how to evaluate, mitigate, and adapt for resilience
4. Identify ways to improve resilience decision-making through new tools and analysis such as the Climate Lens Assessment

SPEAKERS: Elise Pare, WSP and Ena Ristic, WSP

S Understanding & Conducting Risk Assessments

Assessing risk is an approach to Occupational Health & Safety. Provincial OH&S Legislation requires all employers to assess a variety of situations pertaining to risk in their workplaces. This seminar will cover when a risk assessment must be completed and will give participants an understanding of the variety of methods to conduct risk assessments. In this seminar participants will:

- Learn about the risk assessment process specific to hazard identification.
- Analyze and evaluate the risk associated with specific hazards and determine appropriate ways to eliminate or control those hazards.
- Summarize hazard prioritization and precautionary principles.
- Discuss the requirements, who is responsible and the consequences of non-compliance.

SPEAKER: Annie Strauss, BC Fed

PW Digital Technology can help Municipalities Better Manage Forest Fire Risk and Response

Risk reduction using new digital technologies can vastly improve forest fire preparedness and response. Fire risk reduction treatments need to be applied in a way that reduce the potential for crown fires. That generally means reducing surface fuels, and so too ladder fuels that allow a flame to spread from the forest floor into the tree canopy. What is most valuable in this case is a highly accurate and reliable High Resolution Forest Inventory with sufficient detail to direct where and what kinds of treatments can be most effectively applied – before (scenario planning), during a fire event, and after the fire to mitigate damage by assigning priorities for forest salvage. Tesera Systems will present its High Resolution Inventory Solution (HRIS) along with examples of how it has utilized modern, cloud-based technology to speed up and help prioritize post-disaster recovery during the Fort McMurray Wildfires in 2016 and later to build the Canadian Red Cross's new Partner Portal.

SPEAKERS: Denise LeClaire, Tesera Systems;
City of Cranbrook

L Effective Collaboration: How to Achieve Success, Increase Safety, Save Time, and Keep People Happy

According to a survey by Salesforce, 86% of employees and executives cite lack of collaboration and ineffective communication for workplace failures. In a fast-paced environment where everyone is pushing their agenda-of-the-day, effective collaboration can often get lost - resulting in delayed projects, near misses and safety issues, unhappy stakeholders and lots of wasted time. Drawing on principles she's refined over the past 20 years, Charmaine will demonstrate the tools of effective collaboration - showing how to build proper relationships, engage resistant people, and effectively deal with contentious issues on the spot.

SPEAKER: Charmaine Hammond,
Hammond International

2:00pm - 2:30pm
COFFEE BREAK



2:30pm - 3:30pm continued

S The pot thickens: Managing cannabis use and impairment in the workplace

Recreational cannabis is now legalized, leaving many organizations concerned about their workplace obligations - particularly in the safety sensitive context. This presentation will focus on the legal issues specific to drugs in the workplace, including occupational health and safety and human rights considerations, and will discuss how employers can manage cannabis-related issues in this changing legal landscape.

SPEAKER: Brad Cocke,
Harris and Company LLP

3:30pm - 3:40pm
ROOM CHANGE

tuesday evening

6:00pm - 7:00pm
COCKTAIL RECEPTION

7:00pm - 9:30pm
AWARD BANQUET

Presentation of awards by the
PWABC and the BCMSA.

Bursary presentation from the
Municipal Services Association.

3:40pm - 4:40pm

L Safety Innovations in Road Marking Applications

This presentation includes videos and photos of various pavement marking treatments and how these applications are beneficial from both Safety and Cost perspectives. The presentation involves Len Robson from the City of Penticton, providing a municipal focus. We will also be conducting an outdoor demonstration of how an inlaid groove is installed and filled with thermoplastic material and reflective bead.

SPEAKER: Mark Sutton, Sutton Road Marking

S Building Foundations to Reach Safety Excellence - The Port Coquitlam Experience

Despite the abundance of ideas, safety management systems, programs, standards, and best practices, why do organizations experience very different outcomes in their safety performance? This session is designed to introduce and break down the key elements of an effective safety culture and provide tangible examples of how to build a shared view and ownership of safety across your organization.

SPEAKER: Hanna Park, City of Port Coquitlam

PW Core Services - How Flooding affects Critical Infrastructure

As such, the City has commissioned the development of a SCADA Master Plan (SMP). The objective of the SMP is to develop a master roadmap to enable the City to move forward in an informed and pro-active manner with required upgrades and improvements to the SCADA system, supported by clear recommendations aligned with internal business objectives.

SPEAKER: David Reid, City of Grand Forks

S My Chair is Plotting to Kill Me

The media has been portraying sitting as a killer; more dangerous than smoking and killing more people than HIV. That's enough to scare just about anyone to look into ways to avoid this treacherous activity. But is standing really the answer? And is throwing a whole bunch of money into height adjustable furniture the solution? Find out the pros and cons of sitting and standing; what is a healthy work posture and how to achieve it; and lessons learned in the implementation of height adjustable workstations. During this session, attendees will learn:

- The pros and cons of sitting and standing.
- How to sit and stand properly.
- The pros and cons of height adjustable workstations in the market.
- Ways to effectively implement height adjustable workstations into the workplace.

SPEAKER: Emma Christensen, WorkSafeBC

L Basics of Integrated Project Delivery

The City of Kamloops has begun working on the upgrades to the Canada Games Aquatic Center. With a complex project requiring the facility to remain open throughout construction, the City will be using IPD to complete this work. This session will introduce attendees to the basics of IPD, why the City of Kamloops chose this delivery method along with some examples of projects that have been delivered using IPD.

SPEAKERS: Ken Jaeger, KTJ Consulting
and Darren Crundwell, City of Kamloops

wednesday

post conference events

SEPTEMBER 18, 2019 - OPTIONAL

8:30am - 4:30pm

JOHSC Fundamentals

Members of Joint Occupational Health and Safety Committees, or worker health and safety representatives, must receive eight hours of training in specific topics, within the first six months of taking on their new role.

JOHSC Fundamentals has been designed by WorkSafeBC and amended by the BC Municipal Safety Association to meet the needs and specific responsibilities within the municipal sector. Participation in this one day training program will fulfil the requirements under OHS Regulation 3.27 as amended April 3, 2017.

At the completion of this full day course, participants will be able to:

- Define the duties and functions of a joint committee
- Discuss and create rules of procedure of the joint committee
- Explain the requirements regarding incident investigations
- Explain the requirements regarding worksite inspections
- Identify requirements and procedures regarding refusal of unsafe work
- Complete an annual evaluation of joint committees

INSTRUCTOR: Cathy Cook,
Safe Harbour Consulting

8:30am - 4:30pm

Fatigue Management for Supervisors

The goal of this 8 hour workshop is to introduce Supervisors and H&S Committee members as to the impact of fatigue on municipal operations from a health, safety and performance perspective. Participants will be led through effective operational and preventative fatigue assessment protocols as well as risk mitigation strategies. Training is designed to be participatory and interactive in nature.

Modules:

- What is fatigue
- The Science of Fatigue (Sleep/Wake Cycle)
- Introduction to a Fatigue Risk Management System (Strategic Framework)
- Introduction to a Fatigue Risk Assessment Process (Tactical Approach)
- The Path Forward

INSTRUCTOR: Mike Harnett,
Solaris Fatigue Management

8:30am - 12:00pm

Workshop - Communications Skills for Leaders

Successful outcomes rely on the quality of our communications. Grounded in neuroscience, the workshop provides leaders with a practical framework for improving the quality and effectiveness of their communications, resulting in increased trust and better performance. This session will cover case studies from public works. Morning coffee and muffins are included.

INSTRUCTOR: Christina Nikiforuk, Leadership Coach & Consultant, Liberate Leadership

8:30am - 12:30pm

First Nations Salmon Hatchery, Invasive Mussels and Being Bear Aware Tour

This tour has both Public Works and Safety focus. Participants meet at the Penticton Trade and Convention Centre and will be transported to the Penticton Indian Band – En'owkin Center. The first education session will utilize a mobile trailer for a presentation on Invasive Mussels (45 minutes). The second session will focus on Being Bear Aware and cover employee and public safety and include an opportunity to practice deploying bear spray (45 minutes). Finally there will be a tour of the First Nations – Salmon Hatchery and the story behind its development (1.5 hours). Finally there is a ride back to the Convention Centre.

TOUR GUIDES: Lisa Scott, Okanagan-Similkameen Invasive Species Society (OASIS) and Dan Stefanovic, Okanagan Nation Alliance



registration

REGISTRATION FEES <i>Note: session selection is not required at time of registration</i>	
EARLY BIRD (FIRST 100 REGISTRATIONS) SOLD OUT	\$695 PLUS GST
FULL CONFERENCE	\$795 PLUS GST
MONDAY ONLY	\$399 PLUS GST
TUESDAY ONLY	\$399 PLUS GST
STUDENT – REGISTRATION BY PHONE CALL TO ASHIFA AT 604-880-8585	\$99 PLUS GST
POST CONFERENCE SESSIONS	
JOHSC FUNDAMENTALS	\$150 PLUS GST
FATIGUE MANAGEMENT FOR SUPERVISORS	\$150 PLUS GST
WORKSHOP - COMMUNICATIONS SKILLS FOR LEADERS	\$150 PLUS GST
FIRST NATIONS SALMON HATCHERY, INVASIVE MUSSELS AND BEING BEAR AWARE TOUR	\$75 PLUS GST

Register online: <https://events.eplly.com/2019Delegates>

Note: session selection is not required

Pay at time of registration or request an invoice.

Questions?

If you have any questions:

Phone: 604-880-8585

Email: executivedirector@pwabc.ca

Cancellation & Refunds Policy

If you need to cancel your registration, refunds less a \$100 cancellation fee are available until August 15, 2019. No refunds after this date.

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