

Asset Management BC Presents the 2022 AMBC Conference:

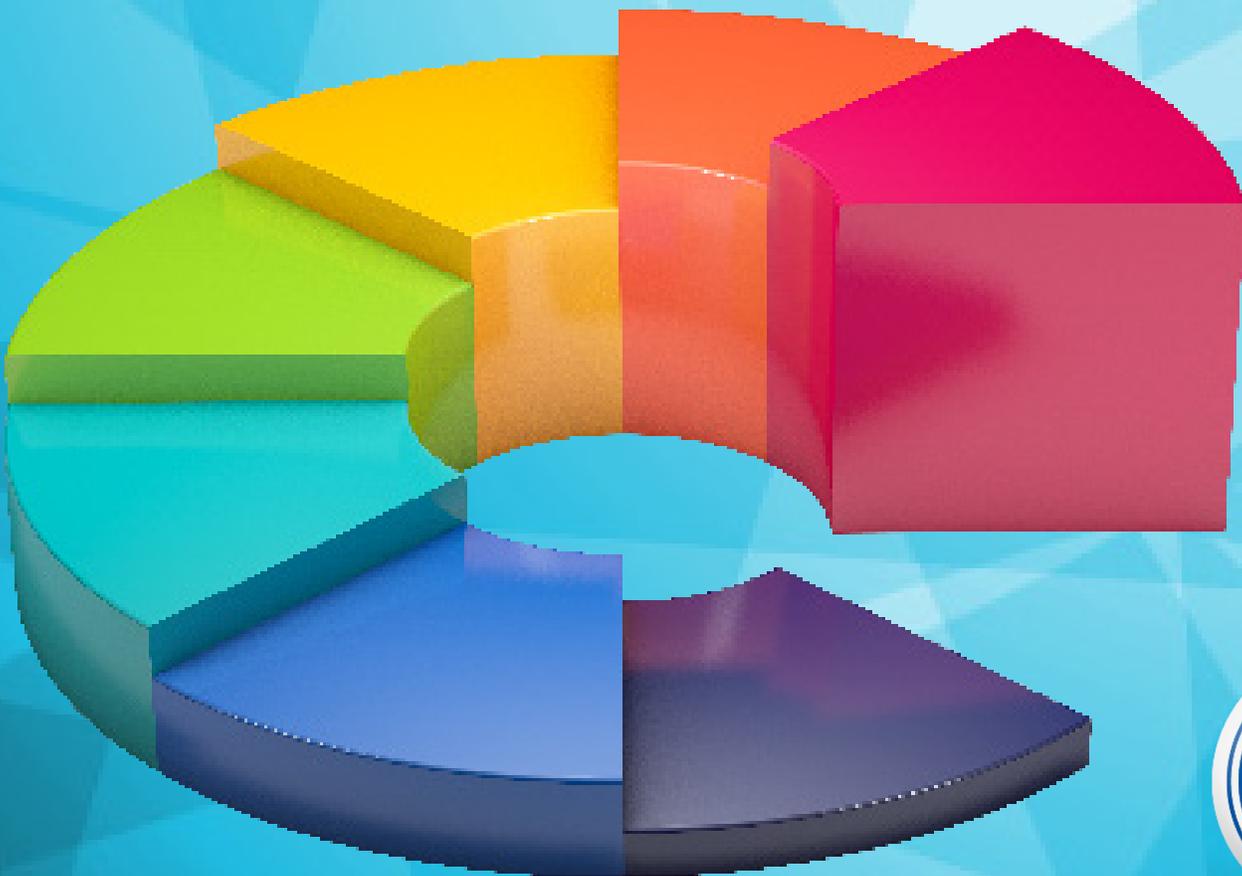
People, Places and Purpose

“Building Resilient Communities Through Sustainable Service Delivery”

Westin Wall Centre Hotel, Richmond

November 2-3, 2022

PROGRAM BROCHURE





ASSET MANAGEMENT BC CONFERENCE

"PEOPLE, PLACES, AND PURPOSE...BUILDING RESILIENT COMMUNITIES THROUGH SUSTAINABLE SERVICE DELIVERY"

NOVEMBER 2-3, 2022, WESTIN WALL CENTRE HOTEL, RICHMOND, BC

PROGRAM BROCHURE

Day 1 – November 2, Wednesday

URBAN SYSTEMS

Breakfast and Registration- 7:30-8:15am

Sponsored by Urban Systems
Ballroom Foyer

8:15-8:30am **Welcome and Conference Opening**

David Allen – Executive Director of Asset Management BC
Ballroom

8:30-9:15am **Lytton-Why Asset Management Matters**

Keynote – Ron Mattiussi
Ballroom



Ron Mattiussi, MCIP RPP, was appointed Director of the Planning and Development Services Department at the City of Kelowna on March 1, 1995. On June 1, 2006, Ron became the City of Kelowna's City Manager. During his time in Kelowna, he served as Director in the Emergency Operations Centre for the Central Okanagan Regional District, for 10 emergency incidents including the 2003 Firestorm and the major flooding of 2018.

After 22 years of service, including 11 as City Manager, Ron retired from the City of Kelowna on June 1, 2018. He is currently a consultant working with local governments on council/staff relationships, organizational reviews, and emergency management. After completing Interim CAO assignments in and around the province, Ron was asked by the Province of BC to help lead the Village of Lytton rebuild after the devastating fire. Ron is a recipient of the Distinguished Member Award in 2016 and the President's Award in 2018 from the Local Government Management Association.

9:15-10:00am **Clean BC Roadmap
Presentation**



Ben Finkelstein, Director/Partnerships, Climate Action Secretariat, Ministry of Environment and Climate Change Strategy
Ballroom

Ben Finkelstein has been with the Ministry of Environment for over 20 years, the last eleven with the Climate Action Secretariat (CAS) working with local governments across BC on



their climate mitigation and more recently resilience objectives. Prior to CAS Ben worked on various strategic priorities for the Ministry including youth and environment programs, intergovernmental relations and BC Parks partnership initiatives. Before moving to B.C. Ben worked in the international development and relief sector in Ottawa, Malaysia and Malawi. Ben is responsible for implementation of the new CleanBC Local Government Climate Action Program as well as CAS's CleanBC Climate Infrastructure programs in partnership with Environment and Climate Change Canada and Infrastructure Canada. Ben works closely with the Ministry of Municipal Affairs on both these programs. Ben is a graduate of the University of Waterloo's Environment and Resources Study program, lives in Victoria BC and likes being outdoors.

Waterloo's
Victoria BC



10:00-10:15am Refreshment Break

Sponsored by Associated Engineering
Ballroom Foyer

10:15-11:45am Ballroom – Live-Streamed Event

The History & Future of Asset Management in BC and Canada - Panel

Wally Wells P.Eng.; Dr. Guy Félio P.Eng.; Konrad Siu, Master of Engineering Leadership; Reginald Andres, P.Eng.



Asset Management BC is excited to have four Canadian asset management pioneers participating in a 90-minute panel presentation. Guy Felio, Konrad Siu, Reg Andres and Wally Wells will share their perspectives on how asset management has evolved in Canada, and the significant actions and initiatives that shaped asset management in British Columbia and Canada. From initial actions and recognition of *asset management* in the 70s and 80s, to the creation of a local government asset management sector in the

2000s, institutionalizing asset management in the 2010s to present, and understanding how local governments can prepare for the future, this panel discussion promises to draw on the vast and unique experiences and knowledge of these four panelists who helped shape asset management in Canada.

The session will be moderated by **Glen Brown**, currently the Chair, Partnership Committee, Asset Management BC.



Guy Felio



Konrad Siu



Reginald Andres



Wally Wells

11:45am-12:30pm LUNCH

Sponsored by PSD Citywide Inc
Ballroom Foyer



12:30-1:00pm

#OurAssetsMatter Award Ceremony



AMBC 2022 #OURASSETSMATTER RECOGNITION AWARD

Ballroom

The “OurAssetsMatter” Award recognizes and celebrates the actions and activities of individuals and organizations that demonstrate leadership, passion and excellence in meeting the vision and mission of Asset Management BC. The award is designed to profile asset management champions who have made significant contributions to local government asset management, advanced the asset management industry and/or provided leadership in asset management.

2022 is the inaugural year for the presentation of these awards in the following categories:

- Sustainable Service Delivery Champion – Individual**
- Sustainable Service Delivery Champion – Organization**

1:00-1:45pm **How to Stay Resilient in the Face of Natural Disasters**

Municipal Insurance Association of BC Steven Gares – MIABC

Ballroom

A discussion on risk mitigation, insurance, and liability issues our communities face.



Steven Gares obtained his B.A. in History from the University of Victoria before obtaining his J.D. from Dalhousie University. Prior to joining the Municipal Insurance Association of British Columbia, Steven worked at a downtown Vancouver law firm and practiced in a variety of legal fields including insurance defence, municipal and professional negligence. He has appeared at all levels of Court in B.C. and has made submissions to a number of tribunals as well. Steven enjoys the opportunity to work directly with a variety of communities within B.C. and assisting them with their claims and helping them identify and reduce risk through blog posts, webinars, and other educational resources offered by the MIABC.



**MUNICIPAL INSURANCE ASSOCIATION
OF BRITISH COLUMBIA**

1:45am-2:00pm Refreshment Break - Ballroom Foyer

2:00-4:30pm

Concurrent Sessions – 30 Minute Presentations

Theme A – Climate Change and Natural Assets - Ballroom

Theme B – Community Asset Management Journeys – Steveston Theater

Theme A – Climate Change and Natural Assets

Ballroom



1-Future Proofing for Climate Change Realities

Caroline Jackson – District of North Vancouver

Learn how the District of North Vancouver is adapting to impacts from climate change such as sea level rise, more extreme rainfall, and other geohazards. Their work includes impacts on drainage systems, geohazard mitigation, upsizing of storm water systems, longer term sea level rise strategy for adapting private and public infrastructure, flood mitigation, creek daylighting, incorporating nature based benefits in the infrastructure work.



Caroline Jackson is the Manager, Climate Action, Natural Systems and Biodiversity, Office of the CAO, District of North Vancouver, where her team works closely with a number of partners to implement a broad range of sustainability programs. Caroline holds a B.Sc. in Biology and Computer Science from Simon Fraser University and a M.Sc. in Zoology from the University of British Columbia. Caroline’s experience includes environmental management, waste management, climate protection, and community-based social marketing.

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2-A Case Study in Natural Asset Management Planning & Climate Change Adaptation: Presenting the City of Vancouver Park Board’s Asset Management Plan

Kimberly Bueckert – MEL, Asset Management Consultant, AECOM



This presentation will provide insight into the development of the Vancouver Park Board Asset Management Plan which covers the Park Board’s built and naturally managed areas. Included within the Asset Management Plan, is a Climate Change Adaptation Strategy along with best practice on urban forestry data management.



Kimberly Bueckert is an Asset Management Consultant with AECOM and has 5+ years experience working with municipalities across Canada in developing asset management plans, strategies, policies, and service level frameworks. As such, she has a diverse understanding of urban infrastructure covering transportation, water, sanitary, stormwater, and facilities. More recently, Kimberly has had the opportunity to gain valuable experience while working closely with municipalities on the development of parks, urban forestry, and open space asset management plans. Kimberly holds a B.A. in Human Geography from Simon Fraser University and a Master of Engineering Leadership (MEL), specializing in Urban Systems, from the University of British Columbia.

3- Finding The Natural Capital Asset Value Of The Bertrand Creek System

A Collaboration of the Township of Langley and the Partnership for Water Sustainability in BC

Melisa Gunn, Township of Langley



the partnership
for water sustainability in bc

The **Langley Ecological Services Initiative** is about compensating rural parcel owners who are willing to



set aside areas of their land to protect and/or enhance riparian and woodland assets in the Bertrand Creek watershed. The Township posed the question: Is “payment for ecological services” part of an Asset Management Strategy? The Township required a financial value for the parcels and portions of parcels situated within the streamside protection zone and adjacent areas and the value that a farmer has to forgo in order to keep the protected/enhanced land from active agricultural use (opportunity cost). The Township turned to the Ecological Accounting Process (EAP) for a method to find the financial value as well as the worth of these streamside assets.

EAP uses BC Assessment data for parcels (in aggregate) which abut or intrude into the riparian setback zone. This method produces for any length of the stream system the financial value per m² of the riparian and adjacent woodland assets. These areas are critical for the support of the stream system. This provides the Township and the community with a defensible asset management approach that is about the asset that will be tied up for the ecological purposes.

Melisa Gunn is a planner with the Township of Langley whose work is focused on agriculture. She works closely with the farming community, the Council-appointed agriculture committee and other Township departments to provide support navigating bylaws and provincial legislation. Her passion for agriculture can be traced back to her pre-professional days growing up on a small sheep and horse farm. Previously, Melisa worked as an Environmental Farm Planner and in environmental consulting. Outside of the office, you can find her camping and slinging hay bales for her beloved horses who she shares with her daughters.



4 - The Interplay of Natural Systems & Service Delivery

Tami Rothery, Senior Community Energy Manager, Community Energy Association

Dr. Alison Shaw, Executive Director, Action on Climate Team - Simon Fraser University

Dr. Mel Reasoner, PhD Earth and Atmospheric Sciences, University of Alberta

Ian Gerritsen, Senior AM consultant, icInfrastructure

Municipalities are responsible for delivering a wide-ranging set of services which both impact, and are impacted by, natural systems.

Understanding the interrelationship

between service delivery, engineered & natural assets, and the changing climate will help communities save money, improve outcomes for residents and businesses, and mitigate risks. Many local governments across BC are already having to cope with failing or destroyed infrastructure as a result of high heat, heavy rainfall, overland flooding, high winds, and/or wildfires. The impacts communities face are location and context specific, meaning tailored solutions and data tools are necessary to reduce vulnerabilities and increase localized benefits.

Through a combination of presentations and case studies, we will demonstrate the value proposition for communities to rethink their asset management systems in a way that: evaluates the hyper-localized risks of extreme weather events and what that means for exceedance thresholds and levels of service; considers the interplay between nature



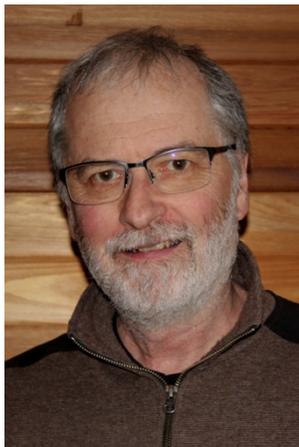
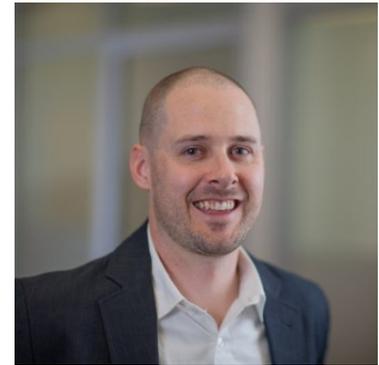
**Community Energy
Association**

based solutions, life-cycle costs, and sustainable service delivery; and integrates a pre-and-post-disaster planning lens into decision-making.



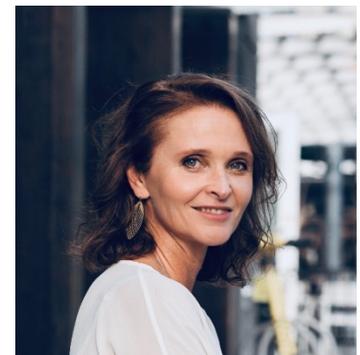
Tami Rothery is a Senior Community Energy Manager with the Community Energy Association, with over 15 years spent in local government, post-secondary, not-for-profit, and private organizations advancing the balance between profit, planet, and people. Tami's experience includes bringing a climate change lens to Asset Management local government strategy and policy; coordinating over \$7M in grants and project implementation for solar PV, battery energy storage systems, electric vehicle charging stations, commercial heat pumps, LED streetlights, green fleet studies, and ASHRAE energy audits; policy writing and program creation; and developing and delivering training and education sessions for a variety of audiences. Tami is a Certified Sustainable Building Advisor, and has training in natural asset management, high-performance leadership, and project management.

Ian Gerritsen is a senior AM consultant and experienced strategic operational leader. Since joining icInfrastructure in 2018, Ian has supported the development of AM policies and strategies, as well as frameworks for decision-making, level of service planning, and other key AM processes. He also has a keen interest in strategic data management and information systems. He is currently a program manager for CNAM's MAMP programming and was the lead editor of their AM Competency Framework. His education was in business and law and his previous experience was in business operations, regulatory planning, and project data management in the oil and gas and environmental consulting industries.



Dr. Mel Reasoner, PhD Earth and Atmospheric Sciences, University of Alberta. Mel directed an international initiative (sponsored by the Swiss Academy of Science) that focused on global change issues in mountain regions worldwide and through this work became involved in the Millennium Ecosystem Assessment as a lead author of a chapter that examines atmospheric conditions and trends in mountain systems. Mel served on the steering committee for the City of Nelson's Community Energy and Emissions Action Plan and contributed to the City's 'Path to 2040' planning process. Over the last 15 years, Mel's work with the All One Sky Foundation's Climate Resilience Express program and the Columbia Basin Trust's climate change programs involved the compilation of historical climate records and model projections for dozens of communities in Alberta and British Columbia and the delivery of many climate science presentations for these initiatives. In recent years, Mel has been working with Climatic Resources Consulting as a climate scientist.

Dr. Alison Shaw is a scientist and practitioner with over 20 years' experience in pioneering climate change and sustainability research-to-practice approaches. As Executive Director of ACT – the Action on Climate Team at Simon Fraser University, Alison aims to advance pioneering research-to-practice approaches and partnerships. She and her team continue to mobilize low carbon resilience (LCR) approaches and nature-based solutions (NbS) to ensure that 'climate action that multi-solves' is mainstreamed into policy, planning, strategy, and operational decisions in the public and private sectors. The goal is to support practical and effective solutions to help future-proof communities, businesses, and governments, while accelerating the transition toward sustainability.



Theme B – Community Asset Management Journeys Steveston Theater

1- The Why, How, and What's Next – Asset Management Journey in A First Nations Context

Elio Ibrahim, Asset Management Consultant, PSD Citywide Inc

Fernando Barana, Account Manager, PSD Citywide Inc



Proper infrastructure is essential for social, environmental, and economic prosperity. Thinking infrastructure is thinking holistically and long-term as infrastructure systems are meant to serve communities for long periods of time while aligning with the needs of the community, protecting the environment, and enabling growth. As infrastructure is a pre-requisite for essential life activities, it is a main pillar of self-governance, a goal that the T̓silhqot̓'in Nation is seeking to achieve. The T̓silhqot̓'in Nation's vision is to develop and implement a sustainable T̓silhqot̓'in Housing & Infrastructure strategy to ensure that all T̓silhqot̓'in enjoy housing and infrastructure that supports self-sufficiency and contributes to improved quality of life. This session will cover the drivers for the T̓silhqot̓'in's asset management program, challenges and key achievements, as well as the path moving forward.

2- Business Process Mapping - Aligning the Organization for Sustainable, Collaborative Service Delivery

Colwyn Sunderland, Infrastructure Planning Engineer, Kerr Wood Leidal Associates Ltd.

Alejandra Taylor, Project Coordinator, Kerr Wood Leidal Associates Ltd.

Lou-Ann Watson, Director of Public Works, Northern Rockies Regional Municipality

Stacey Aspden, A/Director of Recreation and Facilities, Northern Rockies Regional Municipality



KERR WOOD LEIDAL
consulting engineers



The Northern Rockies Regional Municipality (NRRM) is a small municipality serving a very large area, with a population of about 4,000 and a footprint covering 10% of British Columbia in its northeast corner. Since 2013, with support from Kerr Wood Leidal (KWL), NRRM has developed a mature corporate asset management system including plans for all its infrastructure services, and has developed several processes and tools for operationalizing elements of asset management. However, some persistent organizational roadblocks have frustrated efforts to improve efficiency of service delivery despite all these investments in asset management. Early in 2022 NRRM and KWL began to develop a standardized process mapping approach to address roadblocks to efficient service delivery, leveraging the experience gained from existing process maps. Process mapping is a structured, visual means of assessing, documenting and improving how complex, cross-functional tasks are completed. Through a series of intensive workshops with the entire leadership team, the process mapping project has mobilized a terrific depth and breadth of skills and talents throughout NRRM's staff team to improve two fundamental business systems, while learning a new technique that is already being applied to other business processes. This presentation will show how process

mapping can serve as a catalyst to address service delivery roadblocks and strengthen the organization's asset management readiness.

Colwyn Sunderland is a professional engineering licensee with over 25 years of experience in planning, construction, commissioning and operation of water and wastewater infrastructure, and policy and financial analysis and lifecycle management of all types of community infrastructure. He is a past President of the BC Water and Waste Association and Canadian Water and Wastewater Association, and currently serves as a director of the Alliance for Water Efficiency. Since joining KWL in 2012, Colwyn has worked collaboratively with local governments, First Nations, improvement districts and private utilities of all sizes to improve the effectiveness, efficiency and sustainability of the services they provide to communities. Colwyn has led KWL's team in the development and operationalization of the NRRM's asset management system since 2013.



3- Kelowna Water Integration Project

Rod MacLean, P. Eng. Manager – Utility Planning | City of Kelowna

The City of Kelowna completed the first phase of its long-term vision of ensuring sustainable water supply to its domestic and agricultural customers. The Kelowna Water Integration Project incorporated and modified three independent improvement district water systems into the City utility. The project renewed and upgraded existing infrastructure, and constructed new water assets; increasing the City's water network by 38 percent. As a result, the City now provides clean, safe drinking water and fire protection to an additional 2,100 households while maintaining a reliable irrigation source to 30 percent the City's agricultural lands.

The \$86M project started construction in 2018 and was completed in 2021. The Project successfully integrated a complex asset portfolio into the City utility and necessary adjustments to service levels to meet the needs of a new customer base.



Rod MacLean was involved in the project's early conceptual development as a consultant, and later as the City Utility Planning Manager seeing it both constructed and commissioned. He will provide some insight and lessons learned on Kelowna's challenges in integrating utility assets from older Provincially legislated bodies.

4- Why we didn't call it Asset Management. City of Salmon Arm - icInfrastructure

Iain Cranston, Infrastructure Asset Management at icInfrastructure

Jan Wilson, City Engineer, City of Salmon Arm

Asset Management is about delivering services. Often, this is well understood by AM practitioners and advocates, however this fact is sometimes lost on other stakeholders who do not understand the full breadth of AM, and rather associate it with “doing maintenance on infrastructure”. In 2021, the City of Salmon Arm began to formalize many of their AM efforts, through the development of a Policy, Strategy, Roadmap, and Framework. The City’s Steering Committee used this opportunity to brand the set of practices that would traditionally be referred to as “Asset Management” instead as “Service Delivery Management”. This included labeling their Policy, Strategy, Framework, and other strategic documents with the Service Delivery Management nomenclature. While the City’s program still follows AM industry best practices, by referring to this group of practices as Service Delivery Management, it has provided clarity on the purpose of the program to both internal and external stakeholders.



Iain Cranston has worked with public and private sector clients in the UK and North America over the last 12 years to help them improve business practices and make better decisions, and he now runs an independent consulting firm icInfrastructure. Iain has helped organization through the various pillars of Infrastructure Asset Management, from AM Training and Gap Assessments, gaining Leadership support and developing AM Policy to building Customer Level of Service Frameworks and supporting Public Consultation. Iain has been Program Manager for a number of the Canadian Network of Asset Managers’ (CNAM) high-profile AM projects including their “New to AM” program and their popular AM101 Booklet, and also helped develop and launch CNAM’s Asset Management Competency Framework for Canadian Communities to support the staffing and skills shortage we face as an industry. He is a member of the Canadian mirror committee to ISO/TC 251 on Asset Management, developing the ISO 55000 standard.

Jennifer Wilson is the City Engineer at the City of Salmon Arm, a BC municipality of approximately 20,000 people. She spent the first part of her career doing municipal design for a consulting firm in Ontario, and has been working in municipal government for over 10 years. Very passionate about making data driven decisions for the right reasons (and chocolate), she immersed herself in AM training to improve the City’s Capital Works project planning processes and quickly became the AM lead in her organization. She currently holds an IPWEA Professional Certificate in Asset Management Planning.



4:45pm – 7:00pm - Networking Reception

Sponsored by Young Anderson



YOUNG ANDERSON
BARRISTERS & SOLICITORS

-End of Day 1-

ASSET MANAGEMENT BC CONFERENCE
*“PEOPLE, PLACES, AND PURPOSE...BUILDING RESILIENT COMMUNITIES THROUGH
SUSTAINABLE SERVICE DELIVERY”*
NOVEMBER 2-3, 2022, WESTIN WALL CENTRE HOTEL, RICHMOND, BC

Program Brochure – Day 2

Day 2 – November 3, Thursday

Breakfast of Champions- 7:30-8:30am

Sponsored by Lidstone & Company Lawyers
Ballroom Foyer

LIDSTONE & COMPANY

8:30-8:45am **Opening Remarks - Ballroom**

Doug Allin, Chief Administrative Officer of the Township of Spallumcheen and the Co-Chair of the AMBC Partnership Committee

8:45-9:30am **Keynote – Paul Murray**

Frog In Every Pot - The art of evolutionary communication in Asset Management

Ballroom

A story of evolutionary communication; a Top Ten List and an effective approach to normalize asset management.

Paul-Michel Foucault on Normalization: ‘social processes through which ideas and actions come to be seen as 'normal' and become taken-for-granted or 'natural' in everyday life.

Or, ‘the process of reducing a complex data structure into its simplest, most stable structure’.



Paul Murray has lived in the Brentwood Bay community of Moodyville for thirty years. He is a Corporate Director (ICD.D), has a BBA from Simon Fraser University, an MPA from the University of Victoria and is a Fellow of the Chartered Professional Accountants of British Columbia and Canada (FCPA, FCGA).

He has over thirty years of executive leadership and governance experience as a CAO, CFO and Executive Director in a variety of local government and nonprofit organizations. Currently Paul is the Principal Consultant at the Brentwood Advisory Group, a small consultancy providing strategic, organizational, financial and climate resiliency advice to select clients.

He sits on the Peninsula Recreation Commission and serves on the Boards of the Children’s Health Foundation of Vancouver Island, Saanich Inlet Lifeboat Society and Central Saanich Community Gardens Society. Paul is a past president of the Government Finance Officers Association, the Local Government Management Association and a MATI instructor.

He is a proud RCMSAR31 marine search and rescue volunteer and a member of Brentwood Bay Rotary.

In his spare time, Paul enjoys boating and exploring the beautiful bays of southern Vancouver Island, gardening and cycling.

9:30-10:15am Ballroom - Municipal Finance Authority of BC

Environmental, Social, and Governance Factors: Implications for BC Local Government Asset Management

Peter Urbanc – Chief Executive Officer, MFA

The multidisciplinary nature of Asset Management means encountering issues of Environmental, Social, and Governance (ESG) on several fronts, not the least of which are how infrastructure is funded and what impact, both positive and negative, it will have on our communities and citizens. The Municipal Finance Authority of BC (the MFA) is beginning to integrate ESG concepts into both our lending and investment business lines. This integration is essential to maintaining our service excellence and has implications for our clients in what information we will require when infrastructure lending occurs and with how we can assist local government staff invest for future infrastructure replacement in a responsible, balanced manner. This session will give an overview of how we see ESG issues evolving, the MFA's response to these new market and societal issues, and how our lending and investment products can assist in funding our province's substantial infrastructure needs in the years to come.



Municipal Finance Authority of BC



Mr. Urbanc has 30 years of experience in global banking and the public sector, having worked as an investment banker, treasurer and executive officer. From 1990 to 2009, he was an investment banker in New York and London with a specialty focus on the debt capital markets. In 2009, Peter joined the Province of Nova Scotia's Department of Finance in Halifax as Executive Director and Treasurer. Mr. Urbanc also served as a Director of the Nova Scotia Pension Services Corporation and Trustee of both the Nova Scotia Teachers' Pension Plan and the Nova Scotia Public Service Long Term Disability Plan Trust. In January 2016, Mr. Urbanc took on the role of Chief Executive Officer at the Municipal Finance Authority of British Columbia. Mr. Urbanc holds a Bachelor of Commerce from McGill University and an MBA from the J.L. Kellogg School of Management.

10:15-10:30am - Refreshment Break

Sponsored by Associated Engineering
Ballroom Foyer



10:30am-12:15pm **Concurrent Sessions – 30 Minute Presentations**

**Theme A – Implementing and Operationalizing Asset Management
Ballroom**

1- From Planners to Plumbers - Asset Management is Everyone's Job

**Mike Matejka – ASCT Director of Engineering & Development Services,
City of Cranbrook**



MOUNTAINS OF OPPORTUNITY
CRANBROOK



How do we "find the time" to dedicate towards Asset Management when everyone is so busy doing their actual job? Guess what? Asset Management doesn't need to be a separate position or a new project. It can simply be a different, and often just a better way of doing the work that you are already doing.

This presentation will go through many of the major functions that a local government undertakes through the lens of the various employees and roles. It will show that everyone can contribute to Asset Management through their day-to-day work, just by shifting their thought processes and applying basic Asset Management principles. The presentation will also speak to how Asset Management leaders can get buy-in throughout their organization by showing the tangible benefits that Asset Management can bring to every role and function.

2-Infrastructure Funding Case Study: Oak Bay vs Colwood

**Christopher Paine – CPA, CGA, Director of Finance and Asset
Management, District of Oak Bay**



It's not uncommon for local governments to be funding their infrastructure in an unsustainable way. These costs are inevitable but often ignored through the life cycle of local government assets. Local governments have the choice: invest early and often, earn investment returns and promote intergenerational funding equity, or invest late and reluctantly, incur debt and erode intergenerational equity. This presentation will compare and contrast the impacts of adopting a sustainable funding model as a young community vs a mature community.



Christopher Paine is a Chartered Professional Accountant with 15 years in experience working in local government. Christopher is the Director of Finance and Asset Management for the District of Oak Bay, and the Principal of FIT Local Government Consulting. Christopher has earned his Professional Certificate in Infrastructure Financial Management and is currently a member of the Asset Management BC Community of Practice. Christopher has prepared several Long-Term Asset Management Financial Plans including the District of Central Saanich, the City of Colwood, the District of Oak Bay, and the Town of View Royal.

3- District of Saanich Presentation: Formalizing the District of Saanich Asset Management Program

Jacqueline Weston, P.Eng., PMP, FCSSE, Asset Management Program Manager, District of Saanich

The District of Saanich would like to share lessons learned from our asset management journey so far, and our plan for formalizing our Asset Management Program starting with the development of an Asset Management Strategy.



Jacqueline Weston is a Professional Engineer and Project Management Professional, and has been the Asset Management Program Manager for the District of Saanich since the fall of 2021



Theme B – Indigenous Asset Management Journeys; Asset Management in Small Communities; Local Communities of Practice

Steveston Theater

1- Comparing Levels of Service Standards (LoSS) to Support First Nations Self-determination

Presenter: Dr. Guy Félio P.Eng. FCSCE FIAM

Authors: Guy Latouche (Assembly of First Nations Quebec-Labrador); Guy Félio, Marie-Élaine Desbiens and Reginald Andres (Consultants)

The Government of Canada committed in July 2019 to the gradual transfer of responsibilities to Indigenous organizations and reinforced this commitment in December of that year by asking the responsible minister to make



Dr. Guy Felio and Maya

this a priority. The department of Indigenous Services Canada (ISC) therefore supported conducting an analysis of the regional comparability of service level standards for essential services.

A study, which was managed by the Assembly of First Nations of Quebec-Labrador (AFNQL), was carried out by external subject matter experts. The methodology developed is intended to support stakeholders when negotiating the transfer of responsibilities of infrastructure to First Nations – all documents related to the methodology are available online in English and French. In February 2022, ISC funded a second phase to the project which entails applying the methodology for the comparison of levels of service in a First Nation and municipality.

The presentation describes the comparative methodology developed and its step-by-step process; results from the application of the methodology are also presented.

2- Implementing Asset Management Systems – Experiences in a First Nations Context

Zawad Abedin, EIT, Manager, Capital Project & Asset Management, Lheidli T'enneh First Nation

Smaller communities often face challenges in implementing asset management practices due limited financial and organisational resources available relative to their smaller overall asset base. These are issues shared by many First Nations communities, with the additional complication that a Nations' assets may have been funded from a number of sources, each with different reporting requirements. In this session, we highlight experiences stemming from the development of a holistic asset management system by the Lheidli T'enneh First Nation (LTFN), a community located in northern British Columbia.

In particular, this session provides a review of inspection and reporting requirements applicable to assets funded through Indigenous Services Canada (ISC), and how data from the Asset Condition Reporting System (ACRS) can be integrated into an overall asset management system. Additionally, the pathway towards developing "in-house" asset management capabilities is presented, along with discussion surrounding the alignment of asset management and financial reporting information.

Zawad Abedin is the Manager of Capital Projects and Asset Management Department for Lheidli T'enneh Nation. In his role, Zawad leads all capital projects of Lheidli T'enneh assigned. He also ensures efficient asset management as per the approved policy and plan. Zawad completed his second Master's at the University of Northern British Columbia in Environmental Science where his research was related to First Nation community infrastructure and asset development. Prior to that, he had completed his Bachelor's and Master of Science in Mechanical Engineering and is a registered engineering professional with Engineers and Geoscientists of BC. He also possesses diversified knowledge and skill in administration and management with his academic suit of Diploma in Supply Chain Management and Human Resources from International Qualifications Network, UK, Project Management Certificate from the University of Toronto and Professional Certificate of Asset Management Planning from IPWEA. He had over seven years of professional experience working as a Project Engineer at Nestlé, the renowned multinational giant in the FMCG industry, and also at CEAT Ltd, which is a global leader in the tire manufacturing industry, prior to joining the Lheidli Administration in 2020.



3- Sharing the Culture: The Benefit of Local Communities of Practice to Grow the Culture of Asset Management

Arnold Schwabe – Manager of Operations, Town of Qualicum Beach



This presentation will discuss the concept of local communities of practice and the benefit they can provide to municipal staff with the ability to share knowledge, practices, and resources. There is a wealth of information in local municipalities and the goal of a local group is to reduce the demand for internal and external expertise and improve the understanding of participants.

Arnold Schwabe is currently the Manager of Operations for the Town of Qualicum Beach and oversees operations in Parks, Buildings and Facilities, Public Works, and the airport. Arnold has been involved in asset management for the town for several years, in roles varying from engineering and operations to IT and GIS. He has worked in a multitude of industries and levels of government including consulting firms, and federal, provincial, and municipal government organizations.

12:15pm-1:15pm - LUNCH

Sponsored by Urban Systems
Ballroom Foyer



1:15-2:00pm Ballroom - Plenary
Communicating Asset Management
Jan Enns, Christina Benty

We spend hours on our asset management plans and services, but if we don't empower our elected officials and inform and engage our community about what we're doing and why, we can't expect their support - or their smiles. Join us for a fast-paced, interactive workshop with communications connoisseurs Jan Enns and Christina Benty. Together they will lead us through the basic steps to help us map our communications, engage our key audiences, and identify potholes to avoid, must have's for delivering a proactive, compelling, and consistent message.



Jan Enns is best known for helping local governments deliver programs that not everyone in a community may want – or want to pay for. As a strategic communications consultant, media, and presentation trainer, she's on a mission to boost your ability, and that of your Council or Board to better inform and engage your community. Armed with 25 years of experience, a master's degree in Communications, certificate in Local Government Administration, coupled with her engaging and humorous delivery, she's here to help us unravel the complexities and mysteries of communicating asset management so you can get your project done as planned, increase awareness, and build support – and your reputation – along the way.

Christina Benty, MA is a strategist and a human systems change agent. She works with leaders and organizations who want to build a culture of excellence in an environment that is kinder, wiser, and more conscious. As a national speaker, facilitator, published author, and a performance coach for governing bodies and senior management teams, she masterfully uses her lived political experience and her educational background to deliver intellectual content with energy and enthusiasm. Christina has developed and facilitated various leadership retreats, educational sessions, and roundtable discussions across Canada.



Join the conversation!



#OurAssetsMatter

2:00-2:45pm Ballroom **LGDE Update**

Brian Bedford – Executive Director, Local Government Infrastructure and Finance, Ministry of Municipal Affairs

Andy Wardell – General Manager, Finance and Chief Financial Officer · District of North Vancouver

This session explores the initial years of data reported, next steps, and future requirements.

Background:

In 2019 the Province introduced Asset Management for Sustainable Service Delivery into LDGE data reporting for all local governments. The majority of this new reporting has been voluntary including for all asset categories:

- Up-to-date replacement values
- Replacement value amortization
- Average expected life
- Average age
- Average percentage of Remaining Useful life
- Status of Asset Management Plans (a simple “yes”, “no” or “in progress”).

LGDE data is published annually; however, there are data points that are not currently published that include:

- Status of Asset Group Risk Registers
- Breakdown of Renewed Assets, Upgraded/Expanded Assets and New Assets
- A breakdown of asset conditions for physical, demand/capacity and functional asset conditions

Supporting the completion of the above datasets the LGDE Help Manual references key asset management concepts including long term asset plans inclusive of asset conditions, levels of service, risk registers. At this time the focus is on asset management plans seeking to confirm if a local government has asset management plans and can confidently report on replacement values.



Brian Bedford is the Executive Director, Local Government Infrastructure and Finance, with the BC Ministry of Ministry of Municipal Affairs. Brian has a background in environmental science and a focus on sustainable infrastructure. His role with the province, for the past 14 years, is administering infrastructure funding programs for BC local governments, encouraging innovative infrastructure solutions and supporting the development of asset management, sustainable service delivery, and oversight of the local government financial system. He has been involved with small- and large-scale drinking water and wastewater projects throughout the province and his work has resulted in the implementation integrated resource recovery techniques on a variety of projects. Brian is a founding member and active participant with Asset Management BC and a board member of EOCP.

2:45-3:00pm - Refreshment Break

Ballroom Foyer

3:00-3:45pm Ballroom

State of Asset Management in BC – Results from the 2022 CCBF Survey

Glen Brown – General Manager, Victoria Operations, UBCM

Christina Arsens – Program Officer, UBCM

3:45-4:00pm Ballroom

AMBC Update and Closing Remarks

David Allen – Executive Director, Asset Management BC

-End of Conference-

