

## Professional Development Day: Advancing Knowledge and Collaboration in Real Property

Thursday, Jun 19

11:00 AM - 11:15 AM

### Welcome + Opening Remarks

**David Wilson**

Vice President, Governments, AECOM

**Lezlie Locke**

unknown, RCMP

Lezlie and David will open the first RPIC All-Stream PD Day with some introductory comments and reflections on the key professional development role that RPIC fulfills for real property practitioners.

Thursday, Jun 19

11:20 AM - 12:05 PM

### High-Resolution Site Characterization and the Development of a Better Conceptual Site Model: A NAPL Release Site Case Study

Contaminated Sites (Environment Stream)

**Kirklyn Davidson**

Project Manager and Environmental Geoscientist, SCG Industries Ltd. (Remediation Services)

Understanding contaminants and their interactions within the environment is crucial to implementing effective remediation strategies. Developing a detailed conceptual site model (CSM) significantly enhances the ability to treat contaminated sites and manage associated risks. High-resolution Site Characterization (HRSC) tools, such as the Membrane Interface Probe (MIP) and Ultraviolet Optical Screening Tool (UVOST), provide valuable insight into the spatial distribution of contaminants. These tools facilitate the creation of more robust CSMs and comprehensive remediation strategies. This presentation provides a concise overview of the technology and its application at two NAPL release sites. The integration of HRSC tools with targeted soil and ...

Thursday, Jun 19

11:20 AM - 12:05 PM

## Planning for Defence Infrastructure in the North/Arctic

Northern Real Property (Asset Stream)

### David Thompson

Director General Portfolio Requirements, National Defence

### Katherine Holmes

Infrastructure Program Manager, National Defence

### Mark Timmerman

Manager, Policy Integration, Department of National Defence/Government of Canada

As part of Canada's investments in NORAD Modernization and Canada's Defence Policy, Our North Strong and Free, DND and the CAF are planning for growth and an increase in force projection in Canada's North and Arctic over the coming decades. This enormous challenge also provides for tremendous opportunity to effectively plan real property infrastructure investments across a vast portfolio. In seeking to optimize on these investments including seeking opportunities to partner, National Defence is developing a Northern Regional Master Real Property Development Plan. This presentation seeks to share the planning perspectives of the department and the path ahead to ensure ...

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11:20 AM - 12:05 PM

## Intentionality Works: Shaping Success through Purposeful Presence

Workplace Stream

### Earl Hoeg

CEO - Founder, PeopleFirst

In an era defined by hybrid and virtual work models, intentional workplace interactions have emerged as essential for building trust, fostering innovation, and strengthening employee resilience. Drawing from extensive experience managing virtual teams long before hybrid work became mainstream, and leading workplace strategy for one of the Canadian federal government's largest office space portfolios, Earl Hoeg will share practical insights and actionable strategies. He will focus on how to harness the power of intentionality to improve workplace outcomes. Participants will discover how intentional actions within thoughtfully designed physical office spaces can significantly shape professional relationships, boost career visibility, and support long-term ...

Thursday, Jun 19

12:20 PM - 01:05 PM

## Is Your Real Property Organization Future Ready? Using Maturity Models and Change Leadership to Succeed in Times of Uncertainty

Workplace Stream

### Lisa D'Alimonte

Project Leader, Tiree

### Nerys Parry

Practice Lead, Business and Portfolio Strategy, Tiree

Evolutions in policy. Unpredictable supply chains. Aging assets and budget pressures. Navigating real property in times of uncertainty isn't getting any easier. With an ever-changing political and economic landscape, technological advancements, expanding demands for sustainability, efficiency, and resilience, real property experts must navigate a labyrinth of priorities and decisions while ensuring their organizations remain adaptive and future ready. But what separates high-performing teams from those stuck in cycles of reactive management? Strategic maturity – yet the path from strategy to execution often remains operating on a tactical basis. How do you take your organization from tactical to strategic to deliver ...

Thursday, Jun 19

12:20 PM - 01:05 PM

## Advanced Arsenic Analysis and Speciation Methods for Contaminated Site Land Management

Contaminated Sites (Environment Stream)

### Louis Wagner

National Technical Specialist, ALS Environmental

Arsenic impacted sites require specialized analytical strategies that are both ultra sensitive and field practical. This presentation introduces a comprehensive array of analytical methods available for arsenic analysis, including innovative arsenic speciation methods using HPLC-ICP MS, and how they support biomonitoring programs for sites impacted by arsenic. We will highlight sampling innovations such as non lethal fish muscle biopsy sampling and micro mass analysis (~10 mg) of various other sample types, including keratin analysis of human toenails. These methods capture clear arsenic exposure signals with minimal impact to organisms or test subjects. For risk assessment and remediation design, the in ...

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12:20 PM - 01:05 PM

## Nunavut Minor Capital Bundling Project

Northern Real Property (Asset Stream)

### Peter Joice

Project Leader, National Project Management Office, Real Property and Environmental Management, RCMP

Nunavut is a geographic area with unique constraints that impact the pace in which real property projects can be delivered. This presentation will introduce the RCMP's Nunavut minor capital bundling project which utilizes a strategy that focuses on bundling, risk mitigation / transfer and cross departmental collaboration between the RCMP, Parks Canada and Public Services and Procurement Canada.

Thursday, Jun 19

01:20 PM - 02:05 PM

## From Data to Decisions: Reinventing Asset Planning with Adaptive Tools

Workplace Stream

### Halley Sveinson

Architect, HDR Architecture

### Sarah Hoskins

Manager Campus Planning, Capilano University

HDR has developed flexible, data-driven tools to help institutions navigate complex asset planning decisions. Their dynamic methodology transforms the traditional trial-and-error design process by allowing real-time evaluation of multiple planning scenarios. This approach supports smarter decision-making in the early stages of complex projects. The Capilano University 'Functional Space Program' project exemplifies how this methodology can be applied. This project demonstrates the value of marrying early engagement with comprehensive data collection. By clearly defining project goals, understanding local context, and balancing qualitative and quantitative inputs, the team created actionable, flexible solutions. The outcome? A centralized, accessible planning tool that supports defensible, strategic ...

Thursday, Jun 19

01:20 PM - 02:05 PM

## National Defence Canadian Forces Ammunition Depot Rocky Point Remediation Implementation FY24-25

Contaminated Sites (Environment Stream)

### Benjamin Hoggard

Operations Manager/ Senior Environmental Project Manager, AtkinsRéalis Canada Inc

### Corey Miller

Senior Risk Assessor, AtkinsRéalis Canada Inc

Canadian Forces Ammunition Depot Rocky Point is the explosives and munitions storage area for Canadian Forces Base Esquimalt (CFB Esquimalt) and the Pacific Naval Fleet and is located approximately 25 km southwest of Victoria, BC. AtkinsRéalis under the direction of Department of National Defence (DND) and Public Services and Procurement Canada (PSPC) completed numerous environmental investigations at the Site, including various reports; Phase I, II and III Environmental Site Assessments (ESAs), Supplemental Site Investigations (SSIs), risk assessments and remedial options analysis. Investigations identified metals and propellants, explosives and pyrotechnics (PEPs) as contaminants of concern (COCs) in soil, and dissolved metals ...

Thursday, Jun 19

01:20 PM - 02:05 PM

## Navigating the North: Challenges and Opportunities in Infrastructure Delivery

Northern Real Property (Asset Stream)

### David Hudock

National Director, Defence and Federal Government Relations, PCL Construction

### Jorgen Kvist

Director, Industry Practices and Procurement / Directeur, Pratiques de l'industrie et approvisionnement, Association canadienne de la construction, Canadian Construction Association

### Tim Murphy

Executive Vice President & Chief Strategic Affairs Officer, Aecon

Supported by the Canadian Construction Association (CCA), this private-sector panel of experts will discuss northern construction-related experiences, challenges, and opportunities from both a Civil perspective, and an Industrial, Commercial, and Institutional perspective.

Thursday, Jun 19

02:20 PM - 03:05 PM

## Accessible and Inclusive Meeting Spaces (AIMS) Refit Projects

Workplace Stream

### Jamie Stevens

Manager / Senior Advisor, National Project Delivery Division, Health Canada

### Sarah Dexter

Associate Director, National Project Delivery Division, Health Canada

The AIMS refit projects aim to create barrier-free, accessible, and inclusive meeting spaces using innovative designs and adaptive technology to enhance workplace inclusivity, and to ensure meeting spaces are accommodating, accessible, and inclusive, adhering to legislative compliance and meeting federal accessibility requirements. This initiative embodies the principle of "Nothing About Us Without Us" by integrating a Persons with Disabilities (PWD) lens in facility design and audits, promoting systemic inclusivity by design and universality by default.

Thursday, Jun 19

02:20 PM - 03:05 PM

## Advanced AI for On-Site Hydrocarbon, VOC, and Chloride Detection: Real-Time Measurements with High Confidence

Contaminated Sites (Environment Stream)

### Jevins Waddel

President, TRIUM Environmental Inc.

This presentation will discuss sensor technology advancements, particularly using AI integration, and present case studies from diverse applications that highlight the system's impact on environmental strategies. Attendees will gain insights into AI's transformative role in improving site assessments and remediation efforts, paving the way for more effective environmental solutions. Developed via extensive research and innovation, this system currently delivers real-time predictions for petroleum hydrocarbons, volatile organic compounds, and chlorides rapidly and accurately, demonstrating a disruptive approach to traditional field screening methods.

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02:20 PM - 03:05 PM

## Virtual Fireside Chat with Tim Coldwell: Indigenous Perspectives on Real Property and Leadership

Northern Real Property (Asset Stream)

### Crawford Kilpatrick

Director General, Real Property and Environmental Management, Royal Canadian Mounted Police

### Tim Coldwell

President and CEO, Énska Advisors

Join us for an engaging virtual fireside chat with Tim Coldwell, a proud Member of the Mohawks of the Bay of Quinte and former CEO of Chandos Construction. Hosted by Crawford Kilpatrick, this conversation will explore Tim's personal journey—from his early experiences embracing Indigenous culture to his leadership in progressive construction models like Integrated Project Delivery. Tim will also reflect on his reconnection with his heritage and the values that have shaped his career. Don't miss this inspiring dialogue on leadership, identity, and innovation in the real property sector.

Thursday, Jun 19

03:10 PM - 03:30 PM

## Closing Remarks by Stream Leads

### Crawford Kilpatrick

Director General, Real Property and Environmental Management, Royal Canadian Mounted Police

### Marie-Catherine Yassa

Strategic Workplace Advisor, Public Services and Procurement Canada

### Tammy Chartrand

National PFAS Program Lead, ALS

As the RPIC Stream Leads for Environment, Workplace and Northern, Tammy, Marie-Catherine and Crawford will close the event and provide a summary of key outcomes from the breakout sessions



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