



2023 SLCAN Conference
Nov 20-22 in Halifax, NS
ROAD TO NET ZERO: REINFORCING FOR CLIMATE CHANGE
Resiliency. Benchmarking. Transparency. Collaboration.

SCHEDULE AT A GLANCE



Monday, November 20, 2023

9:00 am – 5:00 pm

Training: **Introduction to Sustainable Strategies for Laboratory Planning, Design, and Operation**
(separate fee required)

12:00 pm – 4:30 pm

Exhibitor set-up

5:00 pm – 8:00 pm

Networking Reception in the Tradeshow Area



Tuesday, November 21, 2023

8:00 am – 8:45 am

Continental Breakfast in the Tradeshow Area

8:45 am – 9:00 am

Welcoming Remarks

9:00 am – 9:45 am

Keynote Presentation

Barb Martin, Han Martin Associates

ARUP

9:45 am – 10:15 am

Keynote Presentation: **Leadership in Sustainability and Indigenous Reconciliation**

Erika Toby-Wagner, Director General, Science Delivery, Science and Parliamentary Infrastructure Branch, Public Services and Procurement Canada

10:15 am – 10:45 am

Panel Discussion: **Climate Change Resilience**

*Shannon Fernandes, Climate Change Adaptation Specialist, Environment and Climate Change, Property, Fleet and Environment, Municipality of Halifax
Office of Sustainability, Dalhousie University*

Moderator: Erika Toby-Wagner, Director General, Science Delivery, Science and Parliamentary Infrastructure Branch, Public Services and Procurement Canada

10:45 am – 11:15 am
Refreshment Break in the Tradeshow Area

11:15 am – 12:45 pm
Concurrent Breakouts

Stream 1A: Collaboration

1 - Panel Discussion: Never Too Cold, Never Too Clean

2 - Accelerating the Path to Net Zero through Collaborative Project Delivery Models

Stream 2A: Repeatable Lab Design Framework

1 - Laboratories Canada Repeatable Lab Design Framework: Design Excellence for Federal Facilities

2 - Walking the Walk: Sustainability and Stewardship at the Atlantic Science Enterprise Centre Project

Stream 3A: Collaborative Research Spaces

1 - The McGill New Vic Project - Innovative Sustainable Lab Design

2 - McGill University's CERC Pain Genetic Centre - Building New Labs in Aging Facilities

12:45 pm – 1:45 pm
Lunch

1:15 pm – 1:45 pm
Keynote Presentation: **Labs2Zero**

Gordon Sharp, President, International Institute for Sustainable Laboratories

1:45 pm – 3:15 pm
Concurrent Breakouts

Stream 1B: Emerging Technologies

1 - Designing the Self Driving Lab of the Future: AI, Automation and the Acceleration of Research

2 - Sustainability and Digitalization: Meeting the Challenges of a Changing Research Workplace

Stream 2B: Decarbonization

1 - Decarbonizing University Campuses and Laboratories

2 - Zero Carbon Design Strategies for the Renovated Lab

Stream 3B: Decarbonization

1 - Roadmap to a Laboratories Canada Net Zero Lab through a Holistic High Performance Whole Building Lifecycle

2 - Making Informed Decisions for Managing the Transport of Airborne Pathogens while Achieving Energy Use Reductions

3:15 pm – 3:45 pm
Refreshment Break in the Tradeshow Area

3:45 pm – 5:15 pm
Concurrent Breakouts

Stream 1C: Climate Change Resiliency

- 1 - Climate Change Resiliency for Buildings with Laboratories**
- 2 - Toronto Western Hospital Wastewater Energy Transfer Project**

Stream 2C: Mass Timber

- 1 - Institutional Mass Timber Projects Around the World**
 - A - Redefining the Metrics of Successful Design - The Multi-faceted Benefits of Mass Timber in Science and Tech Through Good Design and Collaboration**
 - B - Lowering Embodied Carbon Through Biobased Design: The Challenges to Planning a Mass Timber Lab**
 - C - Evolving Net Zero Laboratory Buildings: The Mercat del Peix Research Center**

Stream 3C: Tools

- 1 - No One Left Behind: A Portfolio Data Layer Approach to Net Zero**
- 2 - The Pathway to Net Zero in the Intense Laboratories Settings Using AECOM Zero**

6:00 pm – 6:30 pm
Transportation to Dinner Event

6:30 pm – 9:30 pm
Dinner Event at the [Canadian Museum of Immigration at Pier 21](#) (separate fee required)

9:30 pm – 10:00 pm
Return Transportation to Halifax Convention Centre

Wednesday, November 22, 2023

8:15 am – 9:00 am
Continental Breakfast in the Tradeshow Area

8:15 am – 9:00 am
SLCan Annual General Meeting

9:00 am – 9:15 am
Welcoming Remarks

9:15 am – 9:45 am
Keynote Presentation
Christina Greever, Senior Program Manager, My Green Labs

: : Fundermax



Canadian
Museum of
Immigration
at Pier 21

BICASA 
NORTH AMERICA

9:45 am – 10:30 am

Panel Discussion: **Green Lab Programs**

Raymond Carrigan, Office of Sustainability, Dalhousie University

Lorette Geldenhuys, Halifax Regional Health Authority

Kimberly John, Office of Sustainability, McGill University

Moderator: Christina Greever, Senior Program Manager, My Green Labs

10:30 am – 11:00 am

Refreshment Break in the Tradeshow Area

11:00 am – 12:30 pm

Concurrent Breakouts + Q&A Sessions

Stream 3A: Benchmarking

1 - A Comparison of Three Engagement Programs in the Benchmarking of Sustainable Lab Operations at McGill

2 - Resilient Pathway to a Net Zero Wet Lab: UTM Centre for Medicinal Chemistry

Stream 4A: Project Design and Delivery

1 - A Round Peg in a Square Hole – How to Mechanically Design a Lab in an Urban Environment: Toronto Metropolitan University's 202 Jarvis Street Project

2 - IPD Through the Lens of Sustainability, Durability and Carbon Reduction

Stream 5A: Climate Change Resiliency

1 - Integrated Strategies for Resilient Research Infrastructure

2 - Wind Engineering: Making Sustainable Design a Breeze

12:30 pm – 1:30 pm

Lunch

1:00 pm – 1:30 pm

Panel Discussion: **An Open Discussion with the I2SL and SLCan**

John Alberico, President, Sustainable Labs Canada

Gordon Sharp, President, International Institute for Sustainable Laboratories

Yvon Lachance, Past President, Sustainable Labs Canada

Moderator: Kevin Shea, President, Vancouver Chapter, Sustainable Labs Canada

1:30 pm – 2:00 pm

Tour Presentation

2:00 pm – 2:15 pm

Closing Remarks

2:30 pm – 5:00 pm

Site Tours (separate fee required)