



AIR & WASTE MANAGEMENT
ASSOCIATION

Canadian Prairie and Northern Section

Environmental Challenges in Post-Pandemic World

CPANS Conference and AGM

March 15, 2023, 1-047 Lister Centre
Lister Conference Centre; Edmonton, Alberta



Sponsored by:

Platinum:



Gold:

Silver:



Notes:

Conference Program

7:00	Registration and Breakfast		
7:45	Welcoming & Opening Remarks	Mujtaba Shareef	CPANS Chair
Session 1		Session Chair: Piotr Staniaszek	
8:00	From Hot Calls to the Court House – Managing an Environmental Incident	Brad Gilmore	Bennet Jones
8:30	Approaches and Solutions for NO ₂ CAAQS Achievement in Alberta	David Spink and Alec Carrigy	CASA
9:00	Breaking down the 2021 CEMS Code	Pierce Baker	Global Analyzers
9:30	Interpretation of Air Quality model results for Regulatory Applications in Alberta (draft)	David Lyder	EPA
10:00	Networking Break & Open Exhibition		
Session 2		Session Chair: Mujtaba Shareef	
10:15	Low-Cost Air Quality Sensors as a New Tool for Indoor Air Quality Research	Ran Zhao	University of Alberta
10:40	Investigating the impact of COVID-19 public health actions on NO ₂ levels in Alberta	Yayne-abeba Aklilu	EPA
11:05	Managing Emissions Using Intelligent Continuous Monitoring	Dennis Prince	Airdar Inc.
11:30	Ensuring Compliance, Enhancing Safety and ESG Ratings through digital shipping documents	Amit Bhargava	EnviroApps Inc.
12:00	Lunch & Open Exhibition	Mujtaba Shareef	CPANS Chair
Session 3		Session Chair: Travis Tokarek	
1:00	Case study- Quantification of Fugitive Methane Emissions by Inverse Dispersion Modelling in the Oil Sands and Coal Mines	Francoise Robe	RWDI
1:30	Quantifying Emissions from a Small Oil Sands Demonstration Pit Lake using OP-FTIR Measurements coupled with Vertical Radial Plume Mapping	Randy Rudolph	AECOM
2:00	Multi-level techno-economic analysis model for the identification of optimal emissions mitigation strategies	Alberto Alva Argaez	Process Ecology
2:30	Air Emissions Testing for PFAS: Methods, Procedures and Challenges	Wasef Jamil	Arcadis
3:00	Networking Break & Open Exhibition		
Session 4		Session Chair: Dennis Fudge	
3:15	The GHG and Air Policy Landscape of the Electricity in Alberta	Ahmed Idriss	Capital Power
3:40	A Model for Success: A Case Study on Remediating a Site to Full Regulatory Closure in 4 Years	Alana Clark	Enbridge
4:05	AERflare: A dispersion modelling tool with AI (Assumptions Included)	Mike Zelensky, Brian Zelt	AER
4:30	Case study- calculating and Reporting on Biofuel Compliance Units under the Renewable Fuels Regulations	Patrick Howe	North West Partnership Refinery
4:55	Conference Wrap-up and Mixer	Piotr Staniaszek	Conference Chair
Mixer	Drinks and snacks will be provided!		

Program Disclaimer: The contents of all conference presentations are the sole responsibility of Speakers and can in no way be taken to reflect the views of the A&WMA CPANS (and conference organizers). The organizers reserve the right to change the information where necessary without notice.

Conference Organizing Committee

Piotr Staniaszek	AECOM
Mujtaba Shareef	AER
Dennis Fudge	Retired
Youssef Taha	AECOM
Travis Tokarek	EPA
Ann Teng	TC Energy
Wade Gieni	Stantec
Volunteers	Priyal Suryawala
	Sina Esfandiar Pour

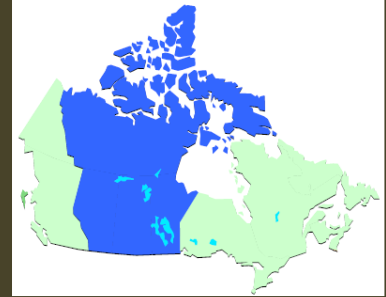
Exhibitors



ALBERTA AIRSHEDS
COUNCIL



CPANS: A Proud and Growing Section!



Map of CPANS Coverage

CPANS Events

- CPANS provides its members with opportunities to expand their professional knowledge and professional contact base through luncheon meetings, conferences, and workshops.
- We host monthly luncheon events at which the latest environmental topics in the air and waste management fields are discussed.
- In previous years, CPANS has hosted a suite of training opportunities to the public and it's members, including Introduction to Air Dispersion Modelling, AERFlare, CALPUFF/CALMET, and Energy Auditing.
- We have developed five community television programs on the environment, and other specialized activities related to our mission. CPANS has hosted a number of Specialty Conferences over the years, often co-hosting with other local industrial/environmental groups.