



AIR & WASTE MANAGEMENT  
ASSOCIATION

Canadian Prairie and Northern Section

# Western Canada: Environmental State of the Union

## CPANS Conference and AGM

May 9, 2108, Ramada Plaza Calgary Downtown  
Calgary, Alberta, Canada



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**Notes:**

# Conference Program

7:00	Registration and Breakfast		
7:45	Welcoming & Opening Remarks	Sunny Cho	CPANS Chair
<b>Session 1</b>		<b>Session Chair: Patrick Roelofsen</b>	
8:00	Keynote Speaker – Modern Resources Inc.	Chris Slubicki	Modern Resources Inc.
8:45	Oil and Gas Methane Emissions – Regulatory Risk Assessment and Methane Abatement Cost Pathways Evaluations	Joshua Anhalt	GreenPath Energy
9:10	Preventing Production Tank Venting – A Transient Approach to the Design of Production Storage Tank Control Systems	Kenny Malmquist	SLR Consulting
9:35	Data Quality in Estimating Storage Tank Releases to Air in the Oil and Gas Sector	Harold Laurence	Trinity Consultants
10:00	Networking Break & Open Exhibition		
<b>Session 2</b>		<b>Session Chair: Jara Spence</b>	
10:15	Greenhouse Gas Regulatory Presentation	Heather Carmichael & Alison Lennie	Alberta Environment and Parks
10:40	Making the Match – Why Successful Climate Policy and Next Generation Innovation Depends on Current Technology	Jackson Hegland	Methane Emissions Leadership Alliance
11:05	Case Studies from Alberta: Executing Profitable Methane Abatement Projects	Cooper Robinson	Cap-Op Energy
11:30	Are GHG Assessments Killing Pipelines?	David Chadder	RWDI
12:00	Lunch & CPANS AGM	Sunny Cho	CPANS Chair
<b>Session 3</b>		<b>Session Chair: Brad Gilmour</b>	
1:00	PM <sub>2.5</sub> Air Emissions Assessments: Challenges and Suggested Solutions	Pareesh Thanawala	2020 Environmental
1:30	An Evaluation of Fort McMurray’s Air Quality Prior to, During and After the 2016 Horse River Wildfire	Naomi Tam	Alberta Environment and Parks
2:00	Source Contribution of Secondary PM <sub>2.5</sub> in Central Alberta	Ou Nopmongcol	Ramboll
2:30	Light-mediated Chemistry at the Surface of Urban Road Dust: Implications for Air Quality and Health	Maya Abou-Ghanem & Patrick Milner	University of Alberta
3:00	Networking Break & Open Exhibition		
<b>Session 4</b>		<b>Session Chair: David Chadder</b>	
3:15	Safely Reducing Greenhouse Gas Emissions from Sulphur Recovery Unit Incinerators in Alberta	Charles E. Grimm	Global Analyzer Systems
3:45	Optimization of Air Quality Monitoring Network Using GIS Based Interpolation Techniques	Mujtaba Shareef	Alberta Energy Regulator
4:15	Proposed Changes to Federal Environmental Legislation Including the <i>Canadian Environmental Assessment Act</i>	Brad Gilmour	Bennett Jones
4:45	Conference Wrap-up and Mixer	Sunny Cho	CPANS Chair
Mixer	Drinks and snacks will be available!		

**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

Kim O'Neill	SLR (Conference Chair)
Chris Levesque	Global Analyzer Systems
Sunny Cho	Alberta Environment and Parks
Jyotsna Kashyap	RWDI
Piotr Staniaszek	WSP
Travis Tokarek	University of Calgary

### Volunteers:

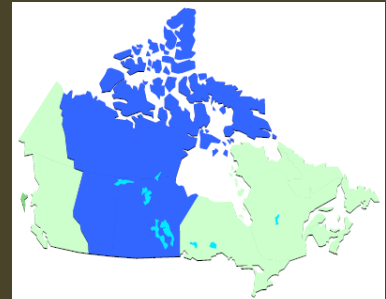
Dylan Cunningham  
Neda Amiri  
Valeria Gutierrez  
Moji Hashemi

## Exhibitors



## **CPANS: A Proud and Growing Section!**

Since 2000, membership in the A&WMA has steadily increased in our region. We are now proud to support over 200 A&WMA members in our 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 its members, including 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.