NORTH CENTRAL BC CLEAN AIR FORUM 2018



PROGRAM

JUNE 4-5, 2018 | PRINCE GEORGE CIVIC CENTRE

FORUM SPONSORS ($1,000+)

This project was undertaken with the financial support of the Government of Canada

Ce project a été réalisé avec l'appui financier du governement du Canada

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PGAIR is proud to be a participant in the CN Carbon Reduction Project of Business, facilitated by the Prince George Chamber of Commerce. This program will produce a carbon footprint analysis of 2018 North Central BC Clean Air Forum.

OVERVIEW

Air quality challenges faced by small to mid-sized communities are quite different from those of larger cities. Communities often lack the tools or resources to address these unique challenges.

The Prince George Air Improvement Roundtable is pleased to present the North Central BC Clean Air Forum, in Prince George, BC.

Presentations and workshops will focus on the 2018 Forum theme - **Community Tools for Change**. This forum is designed to bring together air quality managers, health professionals, policy and decision makers and community members from all over British Columbia, especially those in small to mid-sized communities in the central and northern interior.

The forum theme **Community Tools for Change** - will provide the opportunity for meaningful discussion about air quality challenges facing communities today, along with policy, education or regulatory mechanisms to apply toward lasting solutions. Lessons learned in other jurisdictions to identified community air quality issues will provide context for these applying tools.

Who Should Attend?

Community members, stakeholders, air quality and health experts, and policy-makers should attend the North Central BC Clean Air Forum, along with anyone concerned about community air quality issues.

ORGANIZING COMMITTEE

Andrea Byrne
City of Prince George

Dan Veller
Prince George Air Improvement Roundtable Public Member

Danielle Patterson
Fraser Basin Council

Hossein Kazemian
University of Northern British Columbia

Kim Menounos
Fraser Basin Council

Paula Tait
Northern Health Authority

Sherry McIntyre
Prince George Air Improvement Roundtable Public Member

Traditional Territory Acknowledgement

PGAIR would like to acknowledge that the North Central BC Clean Air Forum takes place on Lheidli T'enneh Traditional Territory

PROGRAM-AT-GLANCE

DAY 1

10:00 - 4:15	Woodsmoke Education and Outreach Tools Workshop
4:30 - 5:30	Tour Prince George District Energy System (walking)
7:00 - 9:00	Public Evening Session

DAY 2

8:00 - 4:30	Community Tools for Change - Clean Air Forum

Day 1 - Woodsmoke Education and Outreach Tools Workshop

Attendance by invitation

10:00 am	**Registration and Refreshments,** Sponsored by Canfor Pulp Ltd.
10:30 am	**Introduction, Welcoming Remarks and Lheidli T'enneh welcome/prayer**
11:00 am	**Introduction to Woodsmoke Discussions: Woodsmoke, Health and Community Prevention Strategies,** Paula Tait, Northern Health Authority
11:30 am	**Provincial Woodstove Exchange Program,** Markus Kellerhals, Ministry of Environment & Climate Change Strategy
12:00 pm	**Community Experience: Takla Lake Nation,** George Richardson, Takla Lake First Nation
12:30 pm	**Community Experience: Central Okanagan Regional District,** Nancy Mora Castro, City of Kelowna
1:00 pm	**Community Experience: Regional District of Central Okanagan ,** Nancy Mora Castro, Regional District of Central Okanagan
1:30 pm	**Lunch** Sponsored by Canfor Pulp Ltd.
2:30 pm	**Introduction to the Online Woodsmoke Education Portal,** • Public Education Video Screening • Goals, Learning and Engagement Tools • Portal and Local Wood Smoke Education Danielle Patterson and Kim Menounos, Fraser Basin Council
4:15 pm	**Wrap Up**
4:30 pm	**Tour Prince George District Energy System (walking distance)**

Evening Session – Prince George Resident Focused

Facilitated Community Discussion

Facilitated Community Discussion	
7:00 pm	**PGAIR - History & Challenges,** Terry Robert, PGAIR
7:30 pm	**Where Are We Now? Evaluation of Trends and Results,** Peter Jackson (UNBC) and Gail Roth (MoECCS)
8:00 pm	**Where are we going next? PechaKucha-style - Community priorities: VOCs, odour, winter events, wildfire smoke** **Community feedback – 30 minutes** Jo Graber, People's Action Committee for Healthy Air, Gina Layte Liston, City of Prince George, Hossein Kazemian, University of Northern BC
8:50 pm	**Wrap up**
7 - 9 pm	**EV booth,** Charlotte Argue, Fraser Basin Council & Plug In BC

Day 2 – Community Tools for Change

8:00 am	**Breakfast and Registration**
8:30 am	**Welcome, and Prayer, Lheidli T'enneh Elder, Acting Mayor McConnachie**
8:50 am	**Keynote, opening (Current trends in Health, burden of health of air pollution)** **"Framing the Problem: what are the air quality challenges facing small to mid-size communities in BC?",** Sarah Henderson, BC Centre for Disease Control
9:30 am	**Current Trends in Northern BC,** Gail Roth, BC Ministry of Environment & Climate Change Strategy
10:30 am	**Refreshment break,** Sponsored by Fraser Plumbing and Heating
	Panel: Wildfires and Air Quality, Moderator: Paula Tait
10:30 am	**Health, Smoke and Wildfires,** Sarah Henderson, BC Centre for Disease Control
11:00 am	**Wildfire Smoke Forecast Systems,** Roland Schigas, University of British Columbia
11:30 am	**Community Prevention and Mitigation Strategies, Mariposa County, California,** David Conway, Mariposa County, California
12:00pm	**Lunch and Networking**
12:45 pm	**PGAIR's 10th Anniversary: History, Successes and Challenges,** Terry Robert, PGAIR
	Understanding the Issue: From Policy to Implementation, Moderator: Dan Veller
1:15 pm	**Metro Vancouver's Approach to Managing Wood Smoke Emissions,** Julie Saxton, Metro Vancouver
1:45 pm	**Wood Stove Regulation: Smithers,** Mayor Taylor Bachrach, Town of Smithers
1:15 pm	**Prince George Clean Air Bylaw,** Andrea Byrne, City of Prince George
2:45 pm	**Refreshment Break, Sponsored by Husky Energy**
	Tech Tools for Communities, Moderator: Andrea Byrne, City of Prince George
3:15 pm	**"Advancements in Citizen Science, and the Implications for Community Air Quality Management",** Peter Jackson, University of Northern BC
3:45 pm	**The Evolution of EVs in Northern BC,** Charlotte Argue, Fraser Basin Council & Plug In BC
4:15 pm	**Wrap up - how might we transition to a clean air future?,** Ben Weinstein, BC Ministry of Environment & Climate Change Strategy
4:30 pm	**Electric Vehicle Event**

SPEAKER BIOS

Charlotte Argue
Charlotte Argue is Program Manager of Plug In BC, with the Fraser Basin Council. She works alongside many stakeholders to support electric vehicle market uptake in the province. Her roles include helping fleets transition to zero emission vehicles, managing provincial incentives for charging station deployment, and implementing Emotive - a public outreach campaign to raise awareness of EVs.

Taylor Bachrach
Taylor Bachrach was elected Mayor of Smithers in November 2011 and prior to that, served as a Councillor in the Village of Telkwa. In addition to his local government role, Taylor owns and runs a small graphic design and web development company, Bachrach Communications. Taylor and his wife Michelle have two daughters, Ella and Maddie. In their spare time, they enjoy biking, canoeing, skiing and gardening.

Andrea Byrne
Andrea Byrne is an Environmental Assistant within the Engineering Department at the City of Prince George, and is responsible for coordination and assessment of a wide variety of environmental projects and programs for the municipality, such as the Clean Air Bylaw. Andrea is a Registered Professional Biologist with an Environmental Science degree from the University of British Columbia, and is currently working towards a Masters in Planning from Waterloo University.

Nancy Mora Castro
Nancy joined the Regional District of Central Okanagan in 2013. As Regional Air Quality Coordinator, she provides services to the RDCO and its local government partners. In her ten years of experience managing environmental programs, she has updated the Clean Air Strategy, implemented Safe Routes for Schools and developed the Agricultural Chipping and Woodstove Exchange programs. She holds a Master of Science in Environmental Engineering, a Bachelor of Industrial Engineering in Chemistry and she's a registered Professional Engineer in BC.

David Conway
David Conway, REHS received his Bachelor of Science Degree in Environmental Health Science in 1989 from Fresno State University.
He has worked in the field of Environmental Health and Air Pollution in Mariposa County for over 30 years. In 2010 he became the Deputy Air Pollution Control officer for Mariposa County and continues to work with various local, State and Federal Land managers to balance the need to burn forest material with the need to protect human health from smoke impacts.

Sarah Henderson
Dr. Sarah Henderson is the Senior Environmental Health Scientist at the BC Centre for Disease Control. She leads a program of applied research and surveillance to support good environmental health policy for the province. Her expertise covers a wide range of content areas, including food safety, radon gas, extreme weather, and outdoor air pollution from traffic, industry, road dust, residential wood burning, and forest fires.

Peter Jackson
Peter Jackson is a Professor of Atmospheric Science in the Environmental Science Program at the University of Northern British Columbia where he teaches courses on weather and climate, air pollution and research methods. He is a meteorologist with research interests in wind and other atmospheric processes in complex landscapes such as mountains and coastlines. A major theme in his research includes air pollution modelling, monitoring and assessment.

Markus Kellerhals
Markus Kellerhals is an Air Quality Science Officer with the BC Ministry of Environment and Climate Change Strategy. He has been working on wood smoke issues for several years. He led revisions to BCs wood stove regulation and the development of the BC Wood Smoke Framework, he also manages the Provincial Wood Stove Exchange Program, and is currently working on proposed revisions to BC's open burning regulation. Markus has an MSc. In Atmospheric Sciences from UBC.

George Richardson

George Richardson was involved in On Reserve and Urban Native housing programs for 26 years with Canada Mortgage and Housing Corporation, first throughout Yukon, and more recently here in BC, primarily focused on more remote northern communities.

One year ago, Takla Nation hired George to set up a Housing Department and maintenance crew to address the housing needs of its member at Takla Landing, 350 km northwest of Prince George. A key objective has been to ensure safe affordable home heating for an aging portfolio of 75 homes.

George will be speaking on Takla Nation's experience in providing affordable clean heating systems for the community of 200 people.

Terry Robert

Terry Robert is the Executive Director of the Prince George Air Improvement Roundtable and Senior Manager for the Fraser Basin Council Northern BC office. Terry has a Bachelor of Science in Natural Resource Management and a Master's Degree focused on public education and engagement on complex resource management issues. He is experienced in facilitating multi-stakeholder processes.

Gail Roth

Gail Roth is an air quality meteorologist with the BC Ministry of Environment and Climate Change Strategy. She has been with the Ministry since 2011 and in her current role since 2016. Her role with the Ministry covers a wide range of responsibilities including air quality effects assessments, airshed monitoring and management, public communications and reporting. She a is also a local (UNBC) graduate – BSc in 2005, MSc 2012.

Julie Saxton

Julie Saxton is an air quality planner with Metro Vancouver. Over the last eight years she has led a diverse range projects and is currently developing regulatory proposals to manage emissions from indoor residential wood burning in the region.

Julie previously worked in air quality for BC Ministry of Environment and universities in the UK and USA. Julie holds a Ph.D. from the University of Cambridge and is a Professional Chemist of British Columbia.

Roland Schigas

Roland Schigas has been developing and running the BlueSky Canada wildfire smoke modelling and forecasting system since 2012. He is responsible for the operational Canada-wide smoke forecasts published four times daily, as well as developing experimental forecasts and new capabilities, and providing technical support for end users. Roland has an engineering degree and works for the Weather Forecast Research Team at the University of British Columbia

Paula Tait

Paula Tait is a Technical Advisor in the Office of Health and Resource Development at Northern Health. Part of her role is providing regional support to Northern Health's outdoor air quality program. Paula grew up in Terrace, BC and after completing her studies in Alberta in 2005, she started her career as a Public Health Inspector and Needs Assessment Coordinator in Saskatchewan. She's been back in northern BC since 2010 and enjoys raising her family here in Prince George.

Ben Weinstein

Ben is an air quality meteorologist with the BC Ministry of the Environment and Climate Change Strategy, based out of Smithers, BC.

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