

How Can We Minimize Population Exposure to Air Pollution ?



Dr. Laura Minet
Postdoctoral Fellow

**Earth Sciences and Civil & Mineral Engineering
University of Toronto**

On-road transportation is the main source of air pollution in cities, and studying the influence of anthropogenic activities on air quality is essential for minimizing the impact of air pollution on human health. Air pollution is nevertheless a complex mixture of compounds reacting with each other and influenced by meteorological factors. Therefore, understanding population exposure to air pollution in urban centres requires more than quantifying emissions.

This talk will explore how to minimize population exposure to air pollution by altering emissions and adapting urban designs. The discussed research will include 1) the impact on air quality of transportation policies targeting private passenger vehicles, transit buses and commercial vehicles; 2) the influence of the design of bike lanes and residential areas on population exposure.

Wednesday, October 7, 2020 3:00 - 4:00PM

Click here  [Join Microsoft Teams Meeting](#)

[+1 647-794-1609](tel:+16477941609)

Conference ID: 812 507 671#

