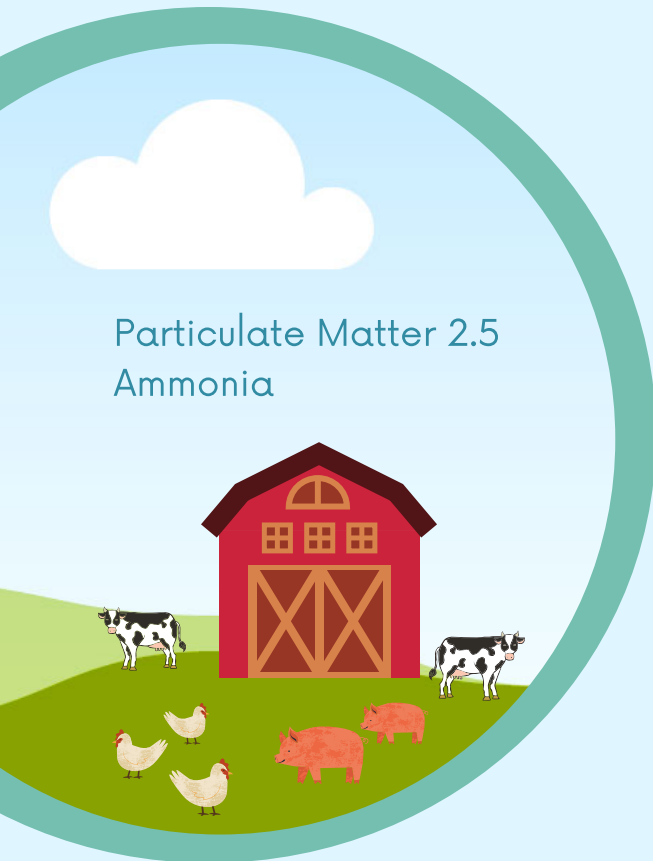


Air Pollution: The Invisible Killer

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Does air pollution from food animal farming affect COVID-19 incidence, hospitalizations, and mortality in Ontario?



BACKGROUND

- 1 ↑ SARS-CoV-2 persistence in an aerosol
- 2 ↑ ACE-2 receptor expression
- 3 Aggravates pre-existing health conditions
- 4 Causes systemic inflammation

PROPOSED BENEFITS

- 1 Demonstrate the importance of existing air pollution regulations in the livestock industry.
- 2 May inform food animal practices in support of public health.
- 3 Improvement in air quality will have a reciprocal effect on all One Health pillars.

