



# Air quality

There is high confidence among climate scientists, public health, and air quality experts that increased temperatures and longer drier periods, particularly in summer, will increase wildfire frequency and intensity and cause more poor air quality days.

## Climate change-related poor air quality has two main causes

### wildfire smoke



Increasing wildfire frequency and intensity

Longer fire seasons cause more exposure to smoke

### ground-level ozone



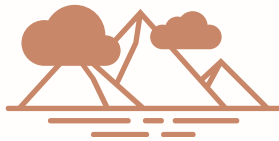
The main cause of this harmful gas is vehicle exhaust

Warmer and drier summers can lead to elevated levels

## Poor air quality has many impacts



Acute and long-term health impacts



Decreased access to outdoor activities



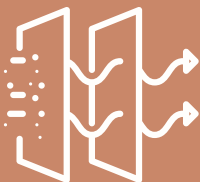
Unsafe outdoor work environments



Poor air quality in homes and business

## Vancouver is taking action

We're building a more resilient, equitable, and healthy city through our Climate Change Adaptation Strategy



Continuing a DIY Air Cleaner (filter) pilot project



Expanding our local air quality monitoring network



Updating requirements for air filtration in buildings