

# Air Pollution

Air pollution refers to the presence of harmful substances in the air that can negatively affect human health, animals, and the environment. These pollutants can come from natural sources like wildfires and volcanic eruptions, but human activities are the leading cause of air pollution.

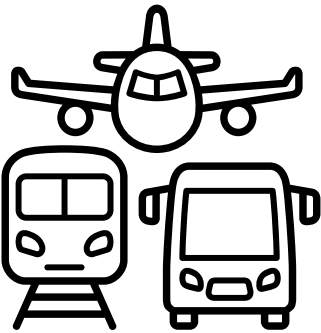
## What are the air pollutants?

- **Nitrogen Dioxide (NO<sub>2</sub>):** Emitted by vehicles and industrial processes, this gas can lead to respiratory problems and smog formation.
- **Sulfur Dioxide (SO<sub>2</sub>):** Produced by the burning of fossil fuels, it can cause acid rain and lung diseases.
- **Carbon Monoxide (CO):** A colorless, odorless gas that can be deadly in high concentrations, especially from vehicle exhaust.



## Sources of air pollution:

- Transportation



- Agriculture



- Industrial Emissions



- Burning of Fossil Fuels



## Did you know?

- The World Health Organization (WHO) estimates that air pollution causes around 7 million deaths globally each year.
- 91% of the world's population lives in places where air quality exceeds the recommended limits.
- Indoor air pollution can be just as harmful as outdoor air pollution, with sources like cooking and heating being major contributors.



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Source: who.int, unep.org