

Impact of climate change on air quality and public health in urban areas

ABSTRACT

This review discusses how climate undergo changes and the effect of climate change on air quality as well as public health. It also covers the inter relationship between climate and air quality. The air quality discussed here are in relation to the 5 criteria pollutants; ozone (O₃), carbon dioxide (CO₂), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), and particulate matter (PM). Urban air pollution is the main concern due to higher anthropogenic activities in urban areas. The implications on health are also discussed. Mitigating measures are presented with the final conclusion.

Keyword: Climate change; Urban air pollution; Health effects; Air pollutants