

# Impact of Climate Change on Urban Public Health

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**Abstract.** This article explores the connections between climate change and urban public health, emphasizing the implications of rising temperatures, pollution, and extreme weather on city dwellers. It examines the vulnerabilities of urban populations, particularly marginalized communities, to health risks related to climate change. The study proposes strategies for public health officials to mitigate these risks and adapt to the changing environment, ensuring healthier urban living conditions.

**Keywords:** Climate Change, Urban Health, Pollution, Adaptation, Public Health

## Introduction

Urban areas are on the frontline of experiencing the consequences of climate change, which poses significant risks to public health. With the majority of the world's population residing in cities, the impacts of rising temperatures, increased pollution, and extreme weather events are becoming more pronounced. Vulnerable urban populations, including low-income residents and marginalized communities, face heightened health risks such as heat-related illnesses, respiratory conditions, and vector-borne diseases. This article delves into the intersection of climate change and urban public health, proposing strategies for adaptation and risk mitigation. By addressing these challenges, public health officials can better protect urban residents and promote healthier, more sustainable cities.

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