



## Children, Air Pollution and the Outdoor Urban Environment

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### Message from the Guest Editor

There are many sources of air pollution in urban environments with motors vehicles being a significant source. Such pollutants are of concern due to both the acute and chronic health effects associated with their exposure. Children are especially vulnerable to the effects of air pollution due to their underdeveloped respiratory systems. Their patterns of exposure are also significantly different from those of adults due to the activities in which they engage and the increased time often spent outdoors.

Although much is known about urban air pollution exposure generally across the population, there are many questions that remain unanswered, especially with respect to children's exposure. Little is known about the influence of socio-economic factors and the impact these have on children's exposure, and how children's exposures differ from those of adults living in the same household. This special issue of IJERPH called "Children, Air Pollution and the Outdoor Urban Environment" will help improve our understanding of factors leading to air pollution exposures relating specifically to children.

Assoc. Prof. Dr. Kim Natasha Dirks  
*Guest Editor*





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## Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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