

Air Pollution and Public Health: Global Perspectives

Morgan Hernandez

Prof.
ETH Zurich
Rämistrasse 101, 8092 Zürich, Switzerland

Jordan Rodriguez

Dr.
University of Buenos Aires
Av. Córdoba 2222, C1120 CABA, Argentina

Nico Williams

PhD
University of Malaya
50603 Kuala Lumpur, Federal Territory of Kuala Lumpur, Malaysia

Abstract. Air pollution is a major environmental health risk with wide-ranging impacts on human health. This article reviews the global perspectives on air pollution and public health. We analyze the sources and health effects of air pollutants, and evaluate policy measures aimed at reducing exposure. Our study highlights successful international efforts and suggests strategies for improving air quality and protecting public health worldwide.

Keywords: Air Pollution, Public Health, Environmental Policy, Global Perspectives, Health Risk

Introduction

Air pollution is a critical environmental issue that poses significant risks to human health and well-being. This paper provides a global perspective on the relationship between air pollution and public health, examining the sources and health effects of various air pollutants. We evaluate policy measures and interventions aimed at reducing exposure to harmful pollutants, highlighting successful international efforts to improve air quality. By presenting case studies and data analysis, the article underscores the importance of comprehensive strategies for managing air pollution and protecting public health. The study calls for enhanced international collaboration and policy-making to address this pressing challenge.

This is a preliminary version. To read the full version of the article, please purchase a subscription.

References

1. Sharma, V. K., Basu, S., & Chakraborty, S. (2015). RNAi mediated broad-spectrum transgenic resistance in *Nicotiana benthamiana* to chilli-infecting begomoviruses. *Plant cell reports*, 34(8), 1389-1399.

2. Семенюк, М. В., Ціпан, Ю. Р., Грицюк, І. І., Кондратюк, Н. В., & Писаренко, В. О. (2023). РЕСТАВРАЦІЯ ТА РЕКОНСТРУКЦІЯ «ПІВНІЧНОАМЕРИКАНСЬКОГО РЕГІОНУ» У БЕРЕЗНІВСЬКОМУ ДЕРЖАВНОМУ ДЕНДРОПАРКУ. Bulletin National University of Water and Environmental Engineering, 4(104), 141-150.