

Special Issue

Air Pollution and Its Environmental and Health Effects

Message from the Guest Editors

Epidemiological studies around the world have generally reported associations between air pollutant exposure and mortality and morbidity. For example, high PM_{2.5} concentration can increase the risk of premature death associated with localized ischemic heart disease, stroke, chronic obstructive pulmonary disease, and lung cancer. In 2010, there were more than three million premature deaths associated with PM_{2.5} globally. Active air pollution prevention and control has been carried out in different regions. In fact, the formation of air pollution is complex, involving photochemical reaction. Moreover, air quality in a given location can be substantially affected by atmospheric transport from distant sources, including sources on other countries or even continents. Air pollution prevention and control involves many factors, such as local emission and emission reduction projects, industrial structure and trade exchange, government administrative and economic measures, and individual consciousness and behavior. More and more epidemiological studies show that improving air quality can increase public life expectancy and happiness.

Guest Editors

Dr. Yaling Lu

Chinese Academy of Environmental Planning, Beijing 100012, China

Dr. Zhenni Chen

School of Economics and Finance, Xi'an Jiaotong University, Xi'an 710061, China

Deadline for manuscript submissions

closed (30 March 2023)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/140894

*International Journal of
Environmental Research and
Public Health*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

mdpi.com/journal/

ijerph





International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



[mdpi.com/journal/
ijerph](https://mdpi.com/journal/ijerph)



About the Journal

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.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou
RCMI Center for Urban Health Disparities Research and Innovation,
Richard N. Dixon Research Center, Morgan State University, Baltimore,
MD 21251, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Public Health, Environmental and Occupational Health)