

Special Issue

Monitoring and Characterizing Particulate Matter in Environment

Message from the Guest Editors

Among the several environmental problems that affect human health, air pollution is widely recognized as the most severe one. Particulate matter (PM) plays an important role in this, being recognized as the fifth leading factor of death worldwide. However, the risk and the consequences on human health associated with PM largely depend on its size and chemical composition, which, in turn, vary depending on the pollution source. This Special Issue is seeking original, unpublished papers that advance our understanding on the experimental techniques developed to monitor and characterize PMs in the environment, especially when assessing PMs' size distribution and/or chemical composition, as well as in connection with the source apportionment. Experimental papers from both field and laboratory research are welcome, as well as modelling ones. The presentation of specific case-studies, which may span a range of spatial scales and environments, widening the interest window of this Special Issue, is also suggested.

Guest Editors

Dr. Chiara Baldacchini

Dr. Matthew Tallis

Dr. Gevorg Tepanosyan

Deadline for manuscript submissions

closed (30 June 2023)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/38290

*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](https://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)