



Monitoring and Characterizing Particulate Matter in Environment

Guest Editors:

Dr. Chiara Baldacchini

Dr. Matthew Tallis

Dr. Gevorg Tepanosyan

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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This Special Issue is seeking original, unpublished papers that advance our understanding on the experimental techniques developed to monitor and characterize PMs in the environment, especially when assessing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.





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Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health
Disparities Research and
Innovation, Richard Dixon
Research Center, Morgan State
University, 1700 E. Cold Spring
Lane, Baltimore, MD 21251, USA

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access journal.

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