

## Special Issue

# Urban Air Environment and Air Pollution Control

### Message from the Guest Editor

Air pollution has brought great obstacles to human production and life, and fine particulate matter (PM<sub>2.5</sub>) and ozone (O<sub>3</sub>) pollution have become the top priority pollutants around the world, and many areas are currently facing the combined pollution of PM<sub>2.5</sub> and O<sub>3</sub>. Volatile organic compounds (VOCs) and NO<sub>x</sub> are crucial precursors of SOA and O<sub>3</sub>, and the refine study of their concentration, sources, regional transportation, and collaborative emission reduction are of great significance for the formation and evolution of secondary air pollution, as well as the formulation and implementation of control policies.

This Special Issue aims to discuss the “evolution characteristics of air pollutants”. The topics of interest include, but are not limited to, the following:

- The spatiotemporal evolution of pollutants;
- The vertical evolution of pollutants;
- The source and sink mechanism of pollutants;
- The local emission and regional transportation of pollutants;
- Collaborative emission reduction.

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### Guest Editor

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### Deadline for manuscript submissions

closed (29 February 2024)



## International Journal of Environmental Research and Public Health

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## 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.

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### Editor-in-Chief

Prof. Dr. Paul B. Tchounwou  
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