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Atmospheric Pollution: Trends, Modeling, and Management

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Deadline for manuscript submissions:
closed (1 April 2024)

Message from the Guest Editors

Dear Colleagues,

The assessment of atmospheric pollution's effects and damages is considered particularly challenging. One method to solve this issue is to employ mathematical modeling tools. These models have recently been recognized as critical approaches for air quality management, real-time modeling and forecasting, land-use planning, impact assessments, episode forecasting, and evaluation, planning for emission reduction, and regulatory purposes.

This Special Issue on Atmospheric Pollution Trends, Modeling and Management focuses on applications for relative contributions from various sources in trend-tracking, compliance monitoring, and policymaking. It aims to highlight new studies on atmospheric pollution assessment and the use of air quality models.

In this Special Issue, we expect to learn more about creative approaches to dealing with atmospheric pollution. It represents an effort to connect environmental decision-support tools with atmospheric pollution modeling under various policy scenarios. Research papers, critical reviews, and case studies are all encouraged.

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Editor-in-Chief

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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.

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