

Special Issue

Atmospheric Boundary Layer and Air Pollution Modelling

Message from the Guest Editor

We are organizing a Special Issue on the study of the diffusion of air pollution in the ABL and on the structure of the ABL itself in the International Journal of Environmental Research and Public Health. Air pollution models are important tools in assessing the concentration of pollutants in the atmosphere and are used by regulatory agencies to estimate environmental impacts, risk analysis, and industrial plant planning. They allow us to analyze the contribution of different sources to overall pollution, and then correctly address any actions to limit emissions. Only with mathematical models is it possible to make predictions or simulate pollutant concentration in order to define plans for improving the population's quality of life. This Special Issue is open to any subject area related to the air pollution dispersion in ABL (and the consequent impact on health) and in particular to the use and enhancement of mathematical models of air pollution. The listed keywords suggest just a few of the many possibilities.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2023)



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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.

Editor-in-Chief

Prof. Dr. Paul R. Ward

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