

Special Issue

Air Pollution in Industrial Regions

Message from the Guest Editors

Although regulatory efforts starting from 1970s have reduced the average levels of the criteria air pollutants over time, they have failed to specifically address near-source hot spots of these air pollutants causing adverse health impacts. In recognition of such a gap in current regulatory frameworks, we are hosting this Special Issue to showcase the most recent findings related to the improvement of air-quality monitoring tools to quantify the health risk of exposure to the criteria air pollutants in residential areas with respect to specific occupational and environmental settings. This Special Issue aims to shed light on proposing modified ways of regulating the air pollutants that considers the population density in the vicinity of industrial sites. Original results from field and controlled investigations, subjective surveys, pilot-scale setups, models, epidemiology studies, meta-analysis, and review papers related to the evaluation of the existing ambient air-pollution regulations for the protection of public health and development of new regulations for air are all welcome contributions.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

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