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Industrial Air Pollution: Emission, Management and Policy

Guest Editor:

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Deadline for manuscript submissions:
closed (9 June 2023)

Message from the Guest Editor

Dear Colleagues,

The industry uses complex processes utilizing many airborne pollutants, including airborne particulate matters, sulfur oxides, nitrogen oxides, volatile organic compounds (VOCs), etc. Many of them pose significant risk to environmental and/or human health. Additionally, higher standards are required for risk control.

This Special Issue showcases the most recent findings related to industrial park air quality, emission characteristics, stationary source management strategies, standards and policies, air diffusion models, exposure risk and health effects, etc. We also collect papers discussing industrial source analyses and the evaluation of control strategies. Ultimately, the Special Issue aims to showcase the most recent comparable evidence concerning the impact of industrial air quality on people and organizations.

Original results from the field and controlled investigations, subjective surveys, models and review papers related to industrial air pollution are all welcome contributions. Authors are encouraged to include a section pertaining to future issues, opportunities and/or concerns related to their topics from a 5-, 10- and 20-year perspective.

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Editor-in-Chief

Prof. Dr. Ilias Kavouras
Environmental, Occupational, and Geospatial Health Sciences, CUNY School of Public Health, New York, NY 10027, USA

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!

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