Special Issue

Air Quality and Energy Transition: Interactions and Impacts

Message from the Guest Editors

We are inviting you to contribute articles, perspectives, and reviews that investigate new methods, models, technologies, and systems which can deliver through combining better air quality with developments in renewable energy. By focusing on the role of energy in all walks of life, the scope of this Special Issue encompasses the broader move towards an understanding that clean air is not simply a necessity but a crucial aspect of global sustainable progress. We welcome contributions of original research focusing on how to address this foremost challenge. The topics of interest for this Special Issue include but are not limited to the following:

- Pollution control systems
- Sustainability of the energy development
- Renewable energy systems and models for better air quality
- Energy efficiency for air quality improvement
- Relationship between air quality and Sustainable Development Goals (SDGs).
- Policies and best practices aimed at controlling emissions and reducing greenhouse gases.
- Effects of air quality on human health and climate change.
- Citizen science, urban mobility, and air quality.

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Deadline for manuscript submissions

closed (15 January 2025)

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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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