Special Issue

Urban Emissions and Climate Action: Strategies for a Low-Carbon Future

Message from the Guest Editors

We invite authors to submit articles on the following topics, including (but not limited to):

- Sustainable development and climate resilience, acknowledging diversity in the development status of cities and countries, especially from the global south.
- The interrelationship between local contexts and developing contexts, and between urban and rural systems as the regional ecological sphere.
- Urban emissions trends in global south cities, including consumption-based emissions; the role of cities in emissions and mitigation; and future global- and city-level scenarios.
- Science-based policy-making processes led by scientific evidence, the application of modeling or any tools that help the process, and which recognizing the multiple co-benefits in the context of applications in urban city services.
- The complexity and need to contextualize climate change in cities, recognizing its links with Sustainable Development Goals, nature-based solutions, and cascading effects on critical urban infrastructures.
- Case studies/best practices/stories related to climate-resilient development, adaptation, decarbonization, and low-carbon development in a diverse range of cities.

Guest Editors

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Deadline for manuscript submissions

28 February 2026

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/224097

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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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