

Special Issue

Air Pollution in Brazil

Message from the Guest Editor

Brazil is the largest country in South America, and its urbanization and industrial expansion, together with the advance of agricultural frontiers, have reshaped its atmospheric composition over the past decades.

Recent federal legislation (Brazilian Federal Law No. 14,850/2024) requires each state to prepare emission inventories and air quality management plans and offers fiscal and financial incentives to support emission control actions.

This Special Issue therefore invites interdisciplinary contributions that quantify sources, evaluate trends, explore health and ecosystem impacts, assess policy effectiveness, and present innovative monitoring or mitigation strategies. Together, these combined insights will guide practical, evidence-based actions for cleaner air and healthier lives across Brazil.

Guest Editor

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Deadline for manuscript submissions

closed (20 January 2026)



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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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