

Special Issue

Improvement of Air Pollution Control Technology

Message from the Guest Editors

This Special Issue focuses on the improvement of air pollution control technology. Air pollution, particularly from particulate matter (PM) and gaseous pollutants, poses a significant threat to public health and the environment. These pollutants originate from diverse natural and anthropogenic sources, exhibiting complex physicochemical characteristics. While established control technologies exist, continuous improvement is crucial to meet increasingly stringent environmental standards and address emerging challenges.

This Special Issue welcomes contributions focused on but not limited to novel control and purification technologies, system optimization and modeling, mechanism and process understanding, advanced materials and sorbents, monitoring and characterization, integrated and hybrid systems, and health and environmental impact assessment. If in doubt about the suitability of your research for this Special Issue, potential authors are invited to discuss their research ideas with the before preparing their manuscripts.

Guest Editors

Dr. Jianlong Li

Dr. Bin Yang

Prof. Dr. Hong Huang

Dr. Quanquan Wu

Deadline for manuscript submissions

30 November 2026



Atmosphere

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 4.9



mdpi.com/si/259439

Atmosphere
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
atmosphere@mdpi.com

[mdpi.com/journal/
atmosphere](https://mdpi.com/journal/atmosphere)





Atmosphere

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 4.9



[mdpi.com/journal/
atmosphere](https://mdpi.com/journal/atmosphere)



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

Dr. Daniele Contini

Institute of Atmospheric Sciences and Climate (ISAC), National Research Council (CNR), Str. Prv. Lecce-Monteroni km 1.2, 73100 Lecce, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, Inspec, CAPlus / SciFinder, Astrophysics Data System, and other databases.

Journal Rank:

CiteScore - Q2 (Environmental Science (miscellaneous))