

Special Issue

Characteristics and Control of Particulate Matter

Message from the Guest Editors

This Special Issue welcomes contributions focused on particulate-matter physicochemical properties, specific measurement techniques, recent developments and applications of novel control or purification design, control-system optimization and purification-mechanism understanding. Alternatively, authors can contribute manuscripts that focus on particulate-matter monitoring, migration and simulation. Finally, topics relating to particle pollution, individual respiratory protection and health impacts are also welcome in this Special Issue. If any doubts about the suitability of the research for this Special Issue arise, potential authors are invited to discuss the topic with the before preparing the paper.

Guest Editors

Dr. Jianlong Li

Dr. Jianwu Chen

Prof. Dr. Hong Huang

Dr. Cuiping Yan

Deadline for manuscript submissions

closed (25 June 2025)



Atmosphere

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 4.9



mdpi.com/si/168282

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))