

Special Issue

Air Pollution and Human Health: Current Progress, Challenges and Future Prospects

Message from the Guest Editors

Both ambient and indoor air pollution pose a great threat to human health, with some of the most disadvantaged groups in our global community being disproportionately affected. In high-income countries, adverse health effects have been reported even at a relatively low level of ambient air pollution, and indoor air quality is impacted by radon, second-hand smoke, mold, and other types of exposure. In most low- and middle-income countries, the ambient air remains severely polluted and a significant proportion of the population relies heavily on polluting fuels for cooking and heating. One major challenge is to characterize the sources and toxicity of air pollution in terms of its health impact. Another challenge is to analyze the interactions of air pollution with other common exposures. This Special Issue welcomes the submission of original research articles, reviews, and short communications targeting any of these core research questions in relation to air pollution and human health.

Guest Editors

Dr. Samuel Yutong Cai

Department of Women's & Reproductive Health, University of Oxford, Oxford OX3 9DU, UK

Dr. Andrés Alastuey Urós

Institute of Environmental Assessment and Water Research (IDAEA), Spanish Research Council (CSIC), 08034 Barcelona, Spain

Deadline for manuscript submissions

closed (30 September 2021)



Atmosphere

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 4.9



mdpi.com/si/74283

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))