Special Issue

Contributions of Aerosol Sources to Health Impacts

Message from the Guest Editors

The association between aerosol and human health is one of the most controversial topics in current research. In this Special Issue, we aim to promote the publication of papers dealing broadly with the topic of characterization of the effects of atmospheric natural and anthropogenic sources of aerosol to a wide variety of health indicators, ranging from health impact assessment and contribution to the burden of diseases to oxidative potential and in-vitro toxicity (eco- and cytotoxic potential). This topic could be addressed from several different perspectives. These include laboratory studies and measurement protocols, methodological approaches, comparison of acellular and in-vitro or in-vivo approaches, influence of chemical composition and indoor/outdoor sources on health impacts, correlation of health indicators with source apportionment results, and assessment of health effects related to oxidative stress and population exposure.

Guest Editors

Dr. Daniele Contini

Dr. Ying-Hsuan Lin

Dr. Otto Hänninen

Dr. Mar Viana

Deadline for manuscript submissions

closed (31 January 2021)

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/42939

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

mdpi.com/journal/atmosphere

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/journal/atmosphere

MDPI

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))