



Metals in Ambient Particles: Sources and Effects on Human Health

Guest Editor:

Dr. Polina Maciejczyk

Chemistry & Biochemistry Eckerd
College, 4200 54th Ave S, St.
Petersburg, FL 33711, USA

Deadline for manuscript
submissions:

closed (30 April 2021)

Message from the Guest Editor

Over the past two decades, research on ambient particulate matter (PM) has linked adverse health effects to exposure to various components and sources of PM. However, there is still considerable uncertainty on the role of metals in causation vs. association with these health outcomes.

This Special Issue aims to address this uncertainty by reporting the current evidence from investigations of health effects associated with specific metal components or different sources of metal PM. We invite authors to submit original and review articles providing insights on health-related effects caused by inhalation of ambient PM containing metals. Toxicological studies that use dosages comparable to human exposure levels will be considered. We are especially interested in articles on environmentally relevant exposure levels and translocation of metals to the organs beyond the respiratory tract.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Ilias Kavouras

Environmental, Occupational,
and Geospatial Health Sciences,
CUNY School of Public Health,
New York, NY 10027, USA

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!

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)*)

Contact Us

Atmosphere Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/atmosphere
atmosphere@mdpi.com
[X@Atmosphere_MDPI](https://twitter.com/Atmosphere_MDPI)