Special Issue

Anthropogenic Pollutants in Environmental Geochemistry (2nd Edition)

Message from the Guest Editors

This Special Issue of *Atmosphere* is concerned with anthropogenic pollutants (APs). APs, including synthetic organic materials and toxic elements, are known to adversely affect human health because of their persistent, bioaccumulative, and toxic characteristics. These APs are therefore found to be geographically distributed, and their fate depends on geochemical conditions. In the context of these concerns, there is a serious lack of monitoring and information on the environmental occurrences and geochemical behaviors of APs and little information on associated exposure and the effects of that exposure on people and ecosystems. The main goal of this Special Issue is to provide informative data to reveal the linkage between the environmental geochemistry of the Earth's surface and the occurrences and fates of APs. Studies related to environmental quality assessment, source appointment, and the transformation pathway of APs as well as to their atmospheric transport/deposition process and historic reconstruction are welcome. Contributions from monitoring programs, field experiments, and associated laboratory/modeling studies are all welcome as well.

Guest Editors

Dr. Jun Li

School of the Earth Sciences and Resources, China University of Geosciences, Beijing 100083, China

Dr. Zhixiong Li

School of Earth Sciences and Resources, China University of Geosciences, Beijing 100083, China

Deadline for manuscript submissions

31 March 2026

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/226659

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

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))

MDPI