

Special Issue

Evaluation of Anthropogenic Emissions into the Atmosphere: Regional Scale Approach, Trends, and Large-Scale Mitigation

Message from the Guest Editor

Atmospheric emissions (AE) are one of the evident anthropogenic factors having an effect on the quality of air and pollution of other environmental media. The aim of this Special Issue is to provide original results on a number of topics related to regional aspects of anthropogenic emissions over the continents, including various air pollutants, temporal variability and tendencies, relationship with changes in industrial development, and implementation of mitigation policies and measures. The scope of the Special Issue may include (but is not limited to) research on AE estimation with top-bottom approaches and/or industry-type oriented investigation, AE trends in regions and their reflection in air quality dynamics, and potential and observed effects of regional or national mitigation programs and policy.

Guest Editor

Dr. Sergey Gromov

Yu.A. Izrael Institute of Global Climate & Ecology / Institute of Geography, Russian Academy of Sciences, Moscow, Russia

Deadline for manuscript submissions

closed (28 April 2023)



Atmosphere

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.4



mdpi.com/si/113490

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 2.6
CiteScore 5.4



[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))