

Special Issue

Atmospheric Composition and Cloud Cover Observations

Message from the Guest Editor

This Special Issue of *Atmosphere* aims at presenting recent achievements in observations of clouds and atmospheric composition. The main focus is on remote sensing and in situ observations at local, regional, or global scale; however, these can be accompanied by modeling approaches and simulations. Scientific articles are invited that investigate the optical, chemical, and physical properties of clouds and cloud cover, and their relation to aerosol content, environmental conditions, or the more eccentric drivers of solar and electric origin. Contributions discussing the impact of cloud cover on atmospheric measurements or link of trace gases variability to natural and anthropogenic processes are equally welcome. Researchers are invited to present the results of the recent pan-European research initiative ACTRIS (Aerosols, Clouds, and Trace Gases Research Infrastructure).

Guest Editor

Prof. Dr. Mirela Voiculescu

Department of Chemistry, Physics and Environment, Universitatea Dunarea de Jos Galați, 800008 Galați, Romania

Deadline for manuscript submissions

closed (15 October 2019)



Atmosphere

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 4.9



mdpi.com/si/22666

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))