

Special Issue

Quantifying Atmospheric Ammonia and Its Impacts: Measurements, Modeling and Mitigation

Message from the Guest Editors

In recognition of these uncertainties and the importance of atmospheric ammonia, the open-access journals *Atmosphere* and *IJERPH* are jointly hosting a Special Issue to highlight the most recent findings related to quantification, emissions, modeling and mitigation of NH₃ and its impacts on air quality, aerosol properties, nitrogen deposition, and broadly for climate and health. Toward this, we invite original results utilizing in situ and/or remote sensing measurements from laboratory studies, field measurements, network monitoring, aircraft campaigns, satellite inferences or theoretical/model studies and reviews across scales ranging from the quantum to the atmosphere. Studies synergizing multi-platform measurements and modeling as well as epidemiological studies are especially welcome.

Guest Editors

Dr. Arshad Arjunan Nair
Dr. Camille Viatte
Dr. Jacek A. Koziel

Deadline for manuscript submissions

closed (15 August 2023)



Atmosphere

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 4.9



mdpi.com/si/157626

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))