

## Special Issue

# Atmosphere–Biosphere Interaction Monitoring and Modelling: Impact on Meteorological and Climate Conditions at Small Scales

### Message from the Guest Editors

We invite you to contribute original research articles, as well as review articles, dealing with all aspects of **biosphere–atmosphere interaction measurement and modeling and its impact on weather and climate at small scales**. Expected contributions include recent experimental and modeling works, techniques, and developments tailored to the assessment of the most important processes related to **biosphere–atmosphere** interaction and their effects in rural and urban microenvironments. In this Special Issue, particular attention will be devoted to **micrometeorological measurements**. Therefore, descriptions and reviews of long-term micrometeorological measurements in rural (including forests) and urban environments are welcome. We are also interested in reviews with possible future lines of research topics. Topics of interest include but are not limited to:

- Seasonality of micrometeorological conditions;
- parameterization of processes describing biosphere–atmosphere interaction;
- Micrometeorological and biological observations;

### Guest Editors

Prof. Dr. Branislava Lalić

University of Novi Sad, Novi Sad, Serbia

Prof. Dr. Josef Eitzinger

Institute of Meteorology and Climatology, University of Natural Resources and Life Sciences, Gregor-Mendel-Straße 33, 1180 Wien, Austria

### Deadline for manuscript submissions

closed (1 July 2021)



## Atmosphere

an Open Access Journal  
by MDPI

Impact Factor 2.3  
CiteScore 4.9



[mdpi.com/si/53446](https://mdpi.com/si/53446)

*Atmosphere*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[atmosphere@mdpi.com](mailto: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))