



## Drought Impacts on Agriculture and Mitigation Measures

Guest Editors:

**Dr. Kreso Pandzic**

Retired, previously Croatian  
Meteorological and Hydrological  
Service, 10000 Zagreb, Croatia

**Dr. Tanja Likso**

Head of Data Processing and  
Management Department,  
Croatian Meteorological and  
Hydrological Service, Ravnice 48,  
10000 Zagreb, Croatia

**Prof. Dr. Milan Mesić**

Full Professor, Faculty of  
Agriculture, University of Zagreb,  
Svetosimunska 25, 10000 Zagreb,  
Croatia

Deadline for manuscript  
submissions:

**19 August 2024**

### Message from the Guest Editors

Meteorological (i.e., weather and climate) observations indicate that climate warming has increased in recent decades, manifesting in the increasingly frequent occurrence of extreme meteorological events, including heat waves, intensive precipitation and dry spells (droughts). The duration and intensity of extreme meteorological events have also increased in recent decades. A similar trend of changes is predicted for the next decades of the 21st century, simultaneously accompanied by a decrease in the frequency of cold waves, including cold spells.

As a consequence of the above, the impacts of extreme events on the economy also show a rising trend as drought impacts on agriculture are related to great economic losses. The efficient early warning of drought events, irrigation or other possible mitigation measures could mitigate these impacts and economic losses. The articles presented in this Issue will be useful for a broad group of recipients.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Ilias Kavouras**

Environmental, Occupational,  
and Geospatial Health Sciences,  
CUNY School of Public Health,  
New York, NY 10027, USA

## 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!

## 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)*)

## Contact Us

---

Atmosphere Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/atmosphere](http://mdpi.com/journal/atmosphere)  
[atmosphere@mdpi.com](mailto:atmosphere@mdpi.com)  
[X@Atmosphere\\_MDPI](https://twitter.com/Atmosphere_MDPI)