



## Environmental and Public Health Aspects regarding Pandemic Viruses

Guest Editors:

**Dr. Zohar Barnett-Itzhaki**

Ruppin Academic Center, Emek  
Hefer, Netanya 4025000, Israel

**Dr. Adi Levi**

Achva Academic College, Arugot  
7980400, Israel

Deadline for manuscript  
submissions:

**closed (2 December 2022)**

### Message from the Guest Editors

The aim of this Special Issue is to explore additional aspects regarding the associations between environmental exposures, public health, and viral pandemics.

The topics of interest for the Special Issue include but are not limited to:

- The associations between environmental exposures and COVID-19 progression;
- The associations between COVID-19 morbidity, mortality and recovery rates, air pollution exposure, and socioeconomic and demographic factors;
- The survival of SARS-CoV-2 aerosols under different air pollution and meteorological conditions;
- Vaccination's effect and efficiency in air-polluted countries/regions;
- Past influenza pandemics and their relations to air pollution;
- Past MERS/SARS pandemics and the environment.

We welcome ecological, clinical, epidemiological, and survey-based original studies, in addition to theoretical work, short communications, systematic reviews, and meta-analyses.





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, Grosspeteranlage 5  
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)