

## Special Issue

# Environment and Health Influenced by COVID-19 Pandemic

### Message from the Guest Editors

Since 2019, almost every country in the world has been experiencing the COVID-19 pandemic. Even though the COVID-19 pandemic has had a very negative impact on human life, the atmospheric environment is improving positively.

In this Special Issue, we would like to invite scientific papers on the "Environment and Health Influenced by COVID-19 Pandemic", related to the effect of the COVID-19 lockdown on urban air quality; nitrogen dioxide concentration impacted by lockdown policy under the COVID-19 pandemic; particulate air pollution during the COVID-19 pandemic; COVID-19 patient mortality and air pollution; impacts of indoor and outdoor meteorological conditions on COVID-19 transmission; effectiveness of air pollution states between COVID-19 lockdown and un-lockdown; air pollution mapping and monitoring in non-pandemic and pandemic area of COVID-19, etc. Finally, we would like to welcome any manuscripts that may be slightly beyond the above topics, because our main purpose for this Special Issue is to improve the air pollution state under the COVID-19 pandemic, using various prediction models, technologies, and reduction methods.

### Guest Editors

Prof. Dr. Hyo Choi

1. Department of Atmospheric & Environmental Sciences, College of Natural Sciences, Gangneung-Wonju National University (GWNU), Jukheongil 7, Gangneung 25457, Gangwondo, Republic of Korea
2. Atmospheric & Oceanic Disaster Research Institute, Dalim Apt. 209ho, Namgang-chogyo 2gil 44, Gangneung 25563, Gangwondo, Republic of Korea

Dr. Milton S. Speer

1. School of Mathematical and Physical Sciences, University of Technology Sydney, Sydney, Australia
2. Climate Change Research Centre, Faculty of Science, The University of New South Wales, Sydney, Australia

### Deadline for manuscript submissions

closed (15 April 2022)



## Applied Sciences

an Open Access Journal  
by MDPI

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/90971](https://mdpi.com/si/90971)

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

[mdpi.com/journal/  
appls](https://mdpi.com/journal/appls)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, 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, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )