

Special Issue

Atmospheric Environment and COVID-19 Pandemic

Message from the Guest Editors

The latest United Nations report has pointed out that the COVID-19 pandemic has not slowed down climate change. The emission reductions following the emerging COVID-19 pandemic in early 2020 appear to be only a short-term phenomenon, and the concentration of major greenhouse gases that contribute to global warming is still increasing. Along with the easing of the pandemic, air pollution is still a major threat to public health. In addition, the increasing degree of ozone pollution has augmented such threats and challenges. The COVID-19 pandemic, though remaining a great challenge, may offer the world a new perspective on tackling the existing threats of air pollution and public health problems.

In this Special Issue, we seek COVID-19-related original research papers and reviews on, but not limited to, the sources of air pollutants, measurements of air pollutants, meteorological determinants, emerging issues of air pollution, atmosphere-related health-impact assessments, virus transmission in the atmosphere, atmosphere-associated human behaviors, and atmospheric impacts on various health outcomes.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2022)



Atmosphere

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 5.4



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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

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