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Air Quality and Environmental Health: New Findings in COVID-19 Era

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Deadline for manuscript submissions:
closed (29 August 2022)

Message from the Guest Editors

Scientific briefings have been updated to reflect current knowledge about COVID-19 transmission and reformatted to be more concise. Public health guidance for protection from infected people and contaminated surfaces in cleaning, disinfecting, and ventilation should be adapted to accommodate safety measures related to COVID-19. We now know the importance of air quality and environmental health in controlling this pandemic. We hope that researchers can share their new knowledge and technologies with readers, and we look forward to publishing new findings from across the globe.

The themes of this Special Issue

- Indoor air quality and related health issues
- Protective equipment and design for COVID-19;
- Intelligent environmental monitoring and environmental modeling and assessment in indoor and outdoor environments;
- Health effects and risk assessment;
- Strategies for controlling and removing contaminants;
- Advanced measurement technology;
- Policy, standards, regulations and guidelines for COVID-19;
- Hazard prevention and control strategies in indoor and outdoor environments;
- Food safety issues regarding COVID-19;
- Nutrition education and health promotion.

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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!

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