# Special Issue

# Ventilation in Buildings

**Message from the Guest Editors**

Most buildings are naturally ventilated. It is known that in such a system the incoming air is not cleaned, and thus all external pollutants flow into the rooms with the air. PM2.5 and PM10, harmful to health, often appear in the indoor air, and during the course of indoor activities, the concentration of carbon dioxide can increase above the permissible values. Ventilation efficiency and the ability to clean the air are especially important in the current SARS-Cov2 virus pandemic situation.

The purpose of this Special Issue is to evaluate the functioning of ventilation systems in all kinds of buildings and to develop good practices in the use of buildings. Original results of field and controlled studies, subjective surveys, models, and review articles on ventilation in indoor environments, as well as the relationship of ventilation with indoor air quality, thermal comfort, and human health, are welcome. We encourage the authors to identify the trends of development of ventilation systems in buildings.


**Guest Editors**

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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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