

## Special Issue

# Modelling of Indoor Air Quality and Thermal Comfort

### Message from the Guest Editors

The modelling of indoor air quality and thermal comfort is an important issue within the field of air quality studies. Good indoor air quality and thermal comfort are fundamental in order for building occupants to achieve high health standards, as well as good professional and academic performance. Furthermore, indoor air quality and thermal comfort have been increasingly affected by the impacts of climate change. For this Special Issue, we are seeking studies related to the modelling of indoor air quality and thermal comfort, namely in the following areas: Numerical and experimental studies in the area;

Building and vehicle spaces;

Indoor and outdoor air quality;

Indoor and outdoor thermal comfort levels;

The impact of climate change on indoor environmental conditions;

New indices to assess the quality of indoor environments;

Strategies for optimizing both energy consumption and indoor environmental quality;

Heating, ventilating and air-conditioning systems;

Design and construction strategies.

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### Guest Editors

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### Deadline for manuscript submissions

28 August 2025



## Atmosphere

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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!

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### Editor-in-Chief

Dr. Daniele Contini

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