



Urban Micro-Meteorological Researches

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to collect updated research related to urban micro-meteorology. The topics include but are not limited to

- Urban wind and turbulence
- Ventilation and pollutant dispersion in/over urban areas
- Urban thermal environment and urban heat island
- Urban energy balance
- Urban canopy parameterization
- Natural ventilation in built environment
- Indoor/outdoor respiratory droplets transmission
- Interaction between urban micro-climate and building energy
- Urban wind safety and outdoor thermal comfort.

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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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