



Urban Micro-Meteorological Researches

Guest Editors:

Dr. Ziwei Mo

School of Atmospheric Sciences,
Sun Yat-sen University, Zhuhai
519082, China

Dr. Yaxing Du

School of Atmospheric Sciences,
Sun Yat-sen University, Zhuhai
519082, China

Dr. Xuelin Zhang

School of Atmospheric Sciences,
Sun Yat-sen University, Zhuhai
519082, China

Deadline for manuscript
submissions:

closed (20 February 2023)

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.

Dr. Ziwei Mo
Dr. Yaxing Du
Dr. Xuelin Zhang
Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Ilias Kavouras

Environmental, Occupational,
and Geospatial Health Sciences,
CUNY School of Public Health,
New York, NY 10027, USA

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!

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, Inspec, CAPlus / SciFinder, Astrophysics Data System, and other databases.

Journal Rank: CiteScore - Q2 (*Environmental Science (miscellaneous)*)

Contact Us

Atmosphere Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/atmosphere
atmosphere@mdpi.com
[X@Atmosphere_MDPI](#)