Special Issue

Urban Airflow and Pollutant Dispersion: Monitoring, Modeling, Challenges, and New Perspectives

Message from the Guest Editors

Urban airflow and pollutant dispersion are closely related to people's lives and climate change. It is of great significance to explore the mechanism and law of urban airflow and pollutant dispersion under complex underlying surface conditions to improve people's living environment and contribute to a healthy, sustainable urban climate in the future. This Special Issue aims to be an international forum for researchers to summarize the most important developments, findings, challenges, and new perspectives in the field of urban airflow and pollutant dispersion. Original results from experimental measurements, modeling, models, and review papers related to urban airflow and pollutant dispersion are all welcome.

Guest Editors

Dr. Sumei Liu

Prof. Dr. Junjie Liu

Dr. Wei Liu

Deadline for manuscript submissions

closed (21 July 2023)

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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!

Editor-in-Chief

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