

Special Issue

Effects of Urban Areas on Climate Change Conditions

Message from the Guest Editor

Climate change has profound impacts on the environment and our society. The combination of climate change and urban development effects makes urban population particularly exposed to future climate conditions. The potential impacts include intensified heat stress, increased energy consumption, health issues, infrastructure damage, among others. However, cities also offer a great opportunity for efficient and innovative adaptation to climate change that calls for an improved understanding of future urban climate. This Special Issue aims to summarize the state-of-the-art in urban climate under climate change conditions. As such, we welcome studies that investigate how urban areas may affect climate change conditions at local scales, including, but not limited to, temperature, humidity, wind, and precipitation. We invite authors to submit both original research and review articles.

Guest Editor

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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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