



Influence of Urbanization-Related Radical Land Modification on Urban Extreme Climate

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Message from the Guest Editors

Studies of urbanization effect on extreme-high-temperature and short-duration intense precipitation in urban areas have recently attracted more and more attention, especially in rapidly developing regions of the world. This kind of study is essential to ensure the scientific advance of traditional urban climatology and emerging urban climate change research, as well as the monitoring and research of large-scale extreme climate change.

Currently, large-scale land use and cover change may also have an influence on extreme climate events, but there are much fewer studies on this, and the observed evidence is insufficient compared to the more local urbanization effect.

We welcome manuscripts from a range of disciplines (including atmospheric science, climatology, urban climatology, geography, hydrology, urban science, climate change science, boundary meteorology and remote sensing) that use a variety of methods and approaches. Interdisciplinary papers and review articles, as well as studies conducted in rapidly developing countries and regions, are particularly encouraged.



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Message from the Editor-in-Chief

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