

Special Issue

Cool Cities: Towards Sustainable and Healthy Urban Environments (2nd Edition)

Message from the Guest Editors

Comprehensive and interdisciplinary research attempting to understand urban heat challenges, which are somewhat complex and multi-faceted, is essential for designing sustainable and salutogenic cities. To that end, for this Special Issue we invite papers on the following themes:

- Assessment of urban heat and its evolution;
- Advanced scientific modelling of urban heat;
- Interactions between UHI and urban atmospheric pollution;
- Impact of urban overheating on mortality and morbidity;
- Impact of extreme heat on local/global energy use;
- Impact of extreme heat on economic growth;
- Progress of urban heat adaptation and mitigation strategies;
- Heat-related awareness, knowledge, management and policies.

We are interested in a broad range of urban-heat-related studies from various parts of the world in order to shine more light on the peculiarity and seriousness of urban-heat-related issues and hopefully help enrich the ongoing scientific discourse on the urban livability agenda and science-driven urban design policies/practices.

Guest Editors

Dr. Jack Ngarambe

Prof. Dr. Geun Young Yun

Prof. Dr. Jin Woo Moon

Dr. Baojie He

Deadline for manuscript submissions

closed (27 February 2023)



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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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