Special Issue

Urban Heat Adaptation: Potential, Feasibility, Equity

Message from the Guest Editors

The rise in urban temperatures is an established and much-studied impact of climate change. However, the potential, feasibility, and equity of measures to cool temperatures are still poorly investigated. To overcome this research gap, innovative methodologies are required, and inclusive processes are needed to increase the contribution of local communities and policymakers.

This Special Issue aims to provide state-of-the-art information on these topics and show that temperatures can be reduced in specific case studies. Topics for consideration include, but are not limited to, the following:

- The characterisation of warm air spells: their duration, frequency, and vulnerability;
- Citizen science approaches to climate change awareness, distributed temperature measurement, and adaptation;
- Urban morphology and land surface temperatures, including a comparison of case studies;
- The feasibility, potential impact, and environmental equity of greening;
- Thermal comfort at the neighbourhood scale: tools, modelling, and strategies for adaptation;
- The effects of heat waves on the health of fragile people, such as the disabled and chronically ill, and their specific thermal comfort needs.

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About the Journal

Message from the Editor-in-Chief

Climate (ISSN 2225-1154) was established in 2013 to provide an open-access outlet for innovative research, review articles, new direction papers, and short communications relevant to all disciplines related to climate at all scales. The journal encourages papers ranging from climate change detection and attribution and Earth system modeling to ecosystem, hydrologic, and socioeconomic impacts and climate mitigation and adaptation measures. The influence of *Climate* is strong and growing (IF 3.2 in 2024, CiteScore 5.7 in 2024).

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