Special Issue

Urban Overheating in a Context of Climate Change: Measurements, Modeling, Thermal Comfort and Adaptation Strategies

Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome that deal with urban parameters and geographical factors likely to impact the climatic signal in cities; techniques and tools to apprehend these phenomena such as in situ or remote sensing measurements; the most appropriate spatial and temporal scales; climatic evolutions specific to urban environments and their adaptations, their modelling, and the transition to the operational phases and their concrete translation in urban planning and requalification. This list is far from being exhaustive and the articles may focus on a wide range of the following applications:

- Urban overheating and thermal comfort;
- Impacts on health;
- Urban climate and biodiversity;
- Climate change and the urban environment;
- Management of climate extremes in the city;
- Adaptation and mitigation of thermal extremes;
- Climate measurements in the urban environment;
- Urban climate modeling:
- Surface urban heat island and remote sensing.

We look forward to receiving your contributions.

Guest Editors

Dr. Florent Renard

Department of geography and urban planning, University of Lyon, 69007 Lyon, France

Dr. Lucille Alonso

Resallience, University of Lyon, 69007 Lyon, France

Deadline for manuscript submissions

closed (30 January 2024)



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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

mdpi.com/journal/ sustainability





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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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