



The Effect of Urbanization on Climate Extremes

Guest Editors:

Dr. Na Zhao

State Key Laboratory of Resources and Environmental Information System, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing 100101, China

zhaon@lreis.ac.cn

Prof. Dr. Mingxing Chen

Key Lab of Regional Sustainable Development Modeling, Institute of Geographical Sciences and Natural Resource Research, Chinese Academy of Sciences, No.11, Datun Road, Chaoyang District, Beijing 100101, China

chenmx@igsrr.ac.cn

Deadline for manuscript submissions:

30 April 2022

Message from the Guest Editors

The influence of urbanization on changes in extreme events has gained increased focus, as knowledge of this is critically important for designing suitable adaptation techniques, avoiding adverse future consequences, and enabling environment sustainability and economic growth.

The aim of this Special Issue is to present work related to the effects of urbanization on climate extremes. We welcome scientists working in geography, meteorology, climatology, hydrology, environment, ecology, economy, and sociology to contribute original research articles and reviews dealing with this issue. Contributions can include but are not limited to the spatiotemporal analysis of urban climate extremes; long-term trends of urban climate extremes; the detection and attribution of urbanization effects on local, regional, and global climate extremes; methods for the attribution of extreme events; urban heat island mitigation; future urban extreme risks; ways to mitigate the effects of urbanization on extreme events.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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.

Author Benefits

Open Access:— free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many [other databases](#).

Journal Rank: [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[@Sus_MDPI](https://twitter.com/Sus_MDPI)