Special Issue

Coupling between Surface and Canopy Urban Heat Islands: Implications for Heat Stress

Message from the Guest Editors

This Special Issue aims to better understand the interactions between canopy and surface UHI across different climate zones and urban forms, and what that means for urban heat stress for the present and in the future. We invite single- as well as multi-city studies on understanding and quantifying the degree of coupling between canopy and surface UHI using satellite data, numerical weather modeling, weather station measurements, etc. Additionally, contributions examining the heat stress caused by urbanization and how well that relates to satellite-derived estimates of surface UHI are also welcome.

Guest Editors

Prof. Xuhui Lee

Yale University, New Haven, CT 06520, USA

Mr. TC Chakraborty

Yale University, New Haven, CT 06520, USA

Deadline for manuscript submissions

closed (31 May 2021)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/44321

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



About the Journal

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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G OC5, Canada

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, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

