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)



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

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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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