

Special Issue

Urban Planning for Climate Adaptation: Assessing the Performance of the Built Environment at a Human Scale

Message from the Guest Editors

Climate change has increased the global frequency of extreme weather events that have a significant impact on life in cities. Therefore, urban planning for climate adaptation can increase the performance values of the built environment. The public's successful use and enjoyment of the open space depends heavily on microclimatic conditions that affect thermal comfort. Thus, this Special Issue will focus on but is not limited to climate change and urban planning to increase urban resilience, enhancing the performance of buildings and open spaces, improving environmental quality and comfort, planning regulations and performance, and design tools for sustainable design.

- Urban planning and climate change
- Adaptation by design
- Climate change adaptation and urban policies
- Built environment performance
- Comfort and wellbeing
- Retrofitting
- Energy poverty and dis(comfort)

Prof. Dr. Isaac Capeluto

Guest Editors

Prof. Dr. Isaac Guedi Capeluto

Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology, Haifa 3200003, Israel

Dr. Dalit Shach-Pinsly

Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology, Haifa 3200003, Israel

Deadline for manuscript submissions

closed (31 December 2021)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/51556

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

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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



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. 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

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)