

Special Issue

Urban Materials for Thermally Liveable Cities: The Use of New Materials and the Relations with the Urban Climate to Better Achieve a Sustainable Building Environment

Message from the Guest Editors

This Special Issue (SI) aims to draw attention to the inter-relationships between urban material, built environment, urban microclimate, building energy demand and people's health and wellbeing. The contributions will be related to (but not limited to) urban materials on the following possible topics:

- Urban surface use;
- Cool materials;
- Smart materials for urban surfaces;
- Thermo-optical characterization of urban materials;
- Urban and building adaptation strategies to climate change;
- Urban heat island studies and mitigation strategies (mesoscale and local scale);
- Urban microclimate;
- Building energy performance in the urban context;
- Tools and approaches for urban energy modeling (UBEM);
- Environmental quality in urban areas (indoor and outdoor);
- Innovative materials for sustainable buildings, cities and communities;
- Green and Blue solutions;
- Renewable energy systems;
- Microclimate monitoring;
- Citizens' perception of the urban microclimate;
- Monitoring of the implementation of innovative materials for urban solutions

Guest Editors

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Prof. Dr. Beatriz Arranz

Deadline for manuscript submissions



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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. *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.

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