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Impacts of Landscape Patterns on the Urban Thermal Comfort

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Deadline for manuscript submissions:
closed (5 April 2024)

Message from the Guest Editors

Dear Colleagues,

Urban Thermal Comfort research is becoming increasingly popular due to rapid urbanization in combination with global warming, which cause the urban heat island (UHI) phenomenon to intensify. To mitigate UHI and improve thermal comfort, it is imperative to know which landscape features or patterns impact thermal comfort and to what extent. Such knowledge is crucial to achieve sustainable urbanization while maintaining thermal comfort and to improve thermal comfort within an existing urban landscape.

In this Special Issue, we invite researchers to share their state-of-the-art work on Landscape Patterns combined with their effects on the Urban Thermal Comfort, and other research fields such as urban blocks and urban greening coverage related to urban environmental engineering to cope with the current climate change phenomenon and reduce environmental burden.

Original research from (but not limited to) the following topics of interest will be considered:

- Thermal comfort analysis;
- Urban Heat Island mitigation strategies;
- Urban Heat Island mapping;
- Landscape remote sensing data processing;
- Urban coatings materials.



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Special Issue

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Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend *Land* for your best research publications for a fast dissemination of your research.

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