

Special Issue

Urban Heat Island Mitigation and Adaptation for Sustainability in Developing Countries

Message from the Guest Editors

The number of inhabitants in urban areas has been increasing dramatically in recent decades due to the socioeconomic prosperity footprint of urban agglomeration when compared to rural areas. Urban agglomeration in this context refers to the spatial concentration of socioeconomic activities in urban areas that has led to an increase in impervious surface density at the expense of green spaces. One of the resulting significant adverse impacts from this development has been the urban heat island (UHI). The highlighted point is that the effects of the UHI have been accelerating at an alarming rate and approaching levels of irreversibility. Thus, in the past few decades, research on the UHI has become prominent in various fields...

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Deadline for manuscript submissions

closed (31 December 2021)



Sustainability

an Open Access Journal
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Impact Factor 3.3
CiteScore 7.7



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