

Special Issue

Sustainable Approaches to Reduce Building Energy Consumptions

Message from the Guest Editors

Due to rapid urbanization, lifestyle improvement, and climate change, building energy consumption is currently at its peak. Major energy consumption in buildings has become a serious problem. Moreover, an important factor that may increase our need for an Air Conditioning system is Urban Heat Islands (UHI). There are various active and passive methods to overcome the heating problem. The objective is to reach a sustainable solution. Therefore, in this Special Issue, we would like to invite the researchers to contribute to the novel methods used to reduce the UHI effects and the use of sustainable methods to reduce the energy consumption of buildings, which will have an overall cooling benefit on the surroundings. The research may cover either or both of the energy-efficient building designs or green/blue infrastructures. Case studies, reviews, or research articles are invited to cover the advances in scientific methods, analytical approaches, field experiments and simulations. [...] For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/sustainability/special_issues/Building_Energy_Consumptions

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Deadline for manuscript submissions

closed (31 December 2022)



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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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