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# Environmental Comfort and Energy Consumption in Buildings

Guest Editor:

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Deadline for manuscript submissions:
**closed (29 February 2024)**

## Message from the Guest Editor

Dear Colleagues,

In recent years, we have experienced an increase in temperatures caused by climate change. The warming of the planet is caused by our misuse of the energies that exist on the planet. In order to alleviate this problem, energies that do not increase the temperature of the planet must be used.

In construction, materials that reduce this increase in temperature, such as primers and paints, are being used in buildings.

We must contribute to research with resources that mitigate climate change and at the same time improve construction in an effective way.

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## Editor-in-Chief

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## Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

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