



Energy Efficiency of Historical Buildings

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editor

I would like to invite you to contribute to a Special Issue of the open-access journal *Buildings* that will be dedicated to the “Energy Efficiency of Historical Buildings”. Modern cities are the result of human settlement, which led to the coexistence of buildings from different ages through a series of transformation, conservation, and renewal processes. Each historical period follows well-defined and differentiated characteristics, according to the territory, the local resources, the economic opportunities, and the skills of workers. Every building is unique and must be analyzed to be preserved, maintained, and retrofitted in a correct way. The benefits of reuse range from the intangible benefits of heritage to society and cultural identity to measurable economic and environmental advantages. The potential and the value of the historical building stock has to be recognized as part of sustainable development.[...]

For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/buildings/special_issues/
Energy_Historical_Buildings](https://www.mdpi.com/journal/buildings/special_issues/Energy_Historical_Buildings)





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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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