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Innovative Thermal Insulation Materials: Properties, Performance and Applications in Construction

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Message from the Guest Editor

As the assembly of building structures exhibiting weak thermal behaviour is on the verge of extinction, it is essential to identify the key strategies and methodologies that allow us to succeed in this critical goal. In light of this necessity, and as the threat of climate change greatly influences our way of thinking, it seems that one of the most rational ways to enhance the thermal defensiveness of building envelopes is to use thermal insulation materials. This Special Issue's specific goal is to fill the knowledge gap about potential approaches to raising building shells' overall energy efficiency by reducing the exchange of heat through the use of thermal insulation materials. In addition, an in-depth analysis of insulating material performance is intended to be provided.

This Special Issue welcomes both original research articles and reviews. We look forward to receiving your valuable contributions.





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Message from the Editor-in-Chief

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