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Building Energy Management: Materials, Modeling, and Components

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Message from the Guest Editors

This special issue is focused on all aspects of energy management in buildings including, but not limited to, material developments, modeling and simulations, energy analysis, design innovations, and experiments. This issue broadly covers both traditional and non-traditional approaches for building energy-efficiency improvements by retrofits, thermal and hygrothermal analysis, thermal energy storage, renewable energy applications, HVAC and refrigeration systems, and grid-interactive buildings. We particularly encourage the solutions pertaining to the global energy challenges and better building initiatives to improve the lives of people worldwide.

We welcome all types of research articles—reviews, perspectives, case studies, and original papers—and look forward for your support.



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Special Issue



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Message from the Editor-in-Chief

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