

Special Issue

Advances in Thermal Performance and Energy Efficiency of Buildings in Various Regions

Message from the Guest Editors

Climate change has drastically influenced energy consumption in the building sector. To increase building efficiency, it is necessary to consider the structural, architectural, visual, economic, social, and environmental factors and address the existing and current obstacles, as well as challenges locally and globally. The application of well-designed experiments and highly reliable software packages is essential to improve energy planning and decision making in the building sector. Therefore, the purpose of this Special Issue is to expand the study of the development and use of passive and active energy saving systems, with a focus on application of renewable energy sources, and address the pertinent economic, social, and environmental challenges. This Special Issue will publish new contributions in construction related to architectural, engineering, environmental sciences, social and economic analysis, and the impact of energy policies. Its main readership will include researchers and planners at universities, research institutes, industry, government departments, building developers, and policymakers in developing and exploiting buildings' energy efficiency.

Guest Editors

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Prof. Dr. Mamdouh E.H. Assad

Dr. Ali Mostafaeipour

Deadline for manuscript submissions

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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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