

Special Issue

Sustainable Building Design: Challenges and Opportunities

Message from the Guest Editor

The building design and construction sector plays a significant role in addressing climate change, with a growing number of buildings around the world being recognized as sustainable, green, or environmentally conscious. These buildings typically incorporate technologies that significantly minimize their environmental footprint while maintaining a high standard of architectural aesthetics, community relevance, health, comfort, and affordability. However, constructing high-performance buildings requires an unwavering commitment to a shared global vision, collaboration across multiple disciplines, and technical expertise. This Special Issue offers a platform for individuals committed to sustainable building design to share their experiences, research endeavors, and technological advancements. Our goal for this Special Issue is to facilitate the rapid deployment of the next generation of sustainable buildings by providing readers with critical insights into current challenges and opportunities. We invite submissions exploring cutting-edge research and recent advances in sustainable building design across many fields.

Guest Editor

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Deadline for manuscript submissions

closed (10 July 2025)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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