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Energy Efficiency Solutions and Indoor Environmental Quality in Zero-Energy Buildings

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Message from the Guest Editors

In recent years, new paradigms have influenced buildings' design towards sustainable and highly efficient constructions. Zero-energy buildings (ZEBs) are the current challenge, which should be appropriately addressed with a holistic approach to achieve excellent indoor environmental quality (IEQ) and energy efficiency levels. These aims can be met by cutting energy consumption through designing buildings with innovative materials, components, HVAC, and renewable energy sources and whose operation must be deeply analyzed. Only an integrated design allows balancing the technical choices made and the overall comfort conditions from different points of view (e.g., thermal, visual, acoustics, and indoor air quality).

I cordially invite you to submit your manuscript to this Special Issue.



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Special Issue



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Message from the Editor-in-Chief

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