

Special Issue

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

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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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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