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Optimization and Innovation of Nearly Zero-Energy Buildings

Guest Editor:

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Deadline for manuscript submissions:

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Message from the Guest Editor

Nearly zero energy buildings (NZEBS) are required as the minimum standard for all new buildings in Europe by January 2021. NZEBs should, according to the Energy Performance of Buildings Directive (EPBD), be cost optimal, i.e., the cost of constructing and operating the building over its lifetime should be at its minimum. To achieve the goal of optimization- and innovation-driven NZEB, a lot of research is needed to accumulate knowledge and to utilize it in practical applications.

The aim of this Special Issue is also to collect papers focused on new research results regarding optimization and innovation of nearly zero-energy buildings. Special focus should be given to accurate understanding of building performance, sustainable renovation of buildings, and enabling a more active role of buildings in a smart energy system.



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Special Issue



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Message from the Editor-in-Chief

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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