



Nearly Zero and Zero Energy/Emission Buildings

Guest Editors:

Dr. Benedetta Mattoni

benedetta.mattoni@uniroma1.it

Dr. Francesca Pagliaro

francesca.pagliaro@enea.it

Dr. Marco Morini

marco.morini@enea.it

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Message from the Guest Editors

Research on innovative solutions and technologies for the improvement of building performance is very active and efficient proposals have been made in the last years (e.g. innovative materials and/or architectural solutions, technical systems improvement, Smart building management, development of alternative renewable energy sources). Moreover, high importance has to be given to the economic side: the main challenge for NZEB/ZEB is to guarantee energy efficiency, thermal comfort and indoor environmental quality in buildings, while keeping low construction and operational costs. Last but not least, energy analysis on interactions and relationships among buildings inside an urban grid has become relevant in supporting and accelerating the energy transition at district-scale.

The scope of this special issue is to gather relevant research papers dealing with innovative technological, financial, architectural solutions and planning methodologies to improve the performance of the building sector, paying attention to the cost-optimization of the proposed solutions and to the analysis of the building performance at district level.





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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Sustainability
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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