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Energy Efficient Cities of Today and Tomorrow

Guest Editors:

Prof. Dr. Jukka Heinonen

School of Engineering and Natural Sciences, University of Iceland, 107 Reykjavik, Iceland

Dr. Sanna Ala-Mantila

Sustainable Urban Systems, Helsinki Institute of Sustainability Science (HELSUS) & Faculty of Biological and Environmental Sciences, University of Helsinki, Helsinki, Finland

Dr. Ortzi Akizu-Gardoki

Graphic Design and Engineering Projects Department, University of the Basque Country, Vitoria-Gasteiz, Spain

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Message from the Guest Editors

Cities are known to create wealth and economic growth. Cities are also providing their citizens with evermore diverse consumption opportunities, making the lifestyles of city dwellers more and more consumption-oriented. This inevitably leads to increased energy demands and emissions in cities due to needed infrastructure and real estate development, the increased energy demands of users, and the increased energy embodied in the goods and services consumed within cities. Concurrently, we are facing imminent pressure to significantly reduce our energy consumption and greenhouse gas emissions at all levels of society. This pressure behoves cities to re-establish themselves as low-energy/low-carbon urban ecosystems. There has been an ongoing, lively academic discourse on the Issue for several years, so far without widely accepted or unanimous solutions. This Special Issue “Energy Efficient Cities of Today and Tomorrow” seeks to enhance this conversation and provide a more profound understanding of the future energy requirements of urban areas and low-energy and low-carbon cities.



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Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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