



*energies*



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## Recent Advances in Sustainable Buildings: Space Heating, Space Cooling and Lighting

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Deadline for manuscript submissions:

**closed (29 February 2020)**

### Message from the Guest Editors

Regarding global trends in energy consumption, the Intergovernmental Panel on Climate Change has reported that a significant increase is expected in the global demand for heating and cooling energy until 2050; with an increase of 179% and 183% from 2010 levels in residential and commercial buildings, respectively. This concern has led to a number of studies conducted worldwide to improve building energy efficiency in areas such as control of heating, ventilation and air conditioning (HVAC) installations, and lighting systems.

This edition of the *Energies* journal aims to address the challenge of reducing emissions from the residential sector by minimizing the need to use energy in buildings (heating, cooling and lighting) through more energy efficient measures, the use of renewable energy sources, and other technologies in order to meet minimum energy requirements.



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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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