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## Advanced Energy Systems in Zero/Positive Energy Buildings, Communities and Districts

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Deadline for manuscript  
submissions:

**closed (25 October 2023)**

### Message from the Guest Editors

For this Special Issue, authors are kindly invited to submit high-quality papers on one or more of the following topics related to advanced energy systems in net-zero/positive energy buildings and districts:

- Concepts, definitions and KPIs development of nearly/net/zero and positive energy buildings/communities/districts;
- Energy efficiency of buildings in communities and districts;
- Advanced HVAC systems in buildings;
- Heating/cooling energy and electricity demand;
- Advanced short/long-term energy storage for heating/cooling/electricity and controls;
- Renewable-based energy generations and smart controls;
- Energy resiliency of the buildings during grid outages under various weather conditions;
- Energy flexibility offered by buildings, communities and districts to the grid;
- Energy self-sufficiency of the buildings, communities and districts;
- Advanced simulation and optimization methods;
- Experience and results from demos and monitoring sites;
- Economic-, social- and policy-related aspects;
- User's acceptance and engagement in communities and districts.



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# Special Issue



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## Editor-in-Chief

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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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