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## Smart Buildings for a Sustainable Future

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Deadline for manuscript submissions:

**closed (25 May 2023)**

### **Message from the Guest Editors**

Dear Colleagues,

This Special Issue is open for submission now. Manuscripts combining experimental implementation with theoretical calculations and technoeconomic assessment are welcome. Potential topics include but are not limited to:

- Emerging materials for thermal energy management;
- Smart buildings;
- BIM models;
- Digital building twin;
- Near-zero energy buildings (nZEBs) and zero energy buildings (ZEBs);
- Advanced insulation materials, components, and systems;
- Modeling of advanced materials and technologies in buildings;
- Life cycle assessment (LCA);
- Additive and advanced materials manufacturing/3D printing;
- Sustainable, resource-efficient, and low-carbon technologies in energy-intensive environments;
- Technologies enabling energy-efficient, low environmental impact buildings and systems.

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Prof. Dr. Ana Sofia Guimarães  
Prof. Dr. Adelio Mendes  
*Guest Editors*



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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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