

Special Issue

The New Techniques for Piezoelectric Energy Harvesting: Design, Optimization, Applications, and Analysis

Message from the Guest Editors

The topics of interest for publications include but are not limited to:

- Advances in the design of energy harvesters, using FEM and hybrid methods;
- Broadband energy harvester techniques;
- Optimization techniques for piezoelectric energy harvesters;
- Nonlinear-vibration-based piezoelectric energy harvesting;
- Advances in materials for energy harvesting;
- Piezoelectric energy harvesting, surrogate models;
- Piezoelectric energy harvester applications in industry;
- Piezoelectric energy harvester applications in structural health monitoring (SHM);
- Advanced energy harvesting technologies for predictive maintenance;
- Piezoelectric energy harvester applications in advanced sensing technologies;
- Artificial-intelligence-based methods for piezoelectric energy harvesters;
- New sources of piezoelectric energy harvesters (acoustics, random vibrations, impact, simple harmonic).

Guest Editors

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Deadline for manuscript submissions

closed (10 February 2023)



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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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