

Special Issue

Piezoelectric Energy Harvesting: Materials, Methods, and Applications

Message from the Guest Editor

The global shift toward sustainable and autonomous technologies has intensified the demand for innovative energy solutions. Among these, piezoelectric energy harvesting has emerged as a transformative approach for powering next-generation electronic systems by converting ambient mechanical energy into electrical power. Recent breakthroughs have significantly enhanced the performance and versatility of piezoelectric energy harvesters. This Special Issue aims to highlight cutting-edge research and technological advancements in piezoelectric materials, harvesting mechanisms, and real-world applications.

We particularly encourage submissions that address green manufacturing, circular economy principles, and eco-friendly material innovations. Contributions from both academic and industrial researchers are welcome, aiming to foster interdisciplinary collaboration and accelerate the deployment of self-powered technologies.

Guest Editor

Dr. Magdalena Palacz

Department of Production Engineering, Faculty of Management and Organisation, Silesian University of Technology, Roosevelta 26-28, 41-800 Zabrze, Poland

Deadline for manuscript submissions

closed (31 December 2025)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/242594

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/

[applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)