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

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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

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