

Special Issue

Advances in Energy Harvesting and Sensor Systems

Message from the Guest Editors

Undoubtedly, research on environmental energy conversions and harvesting has recently been a topic of significant interest; multiple energy harvesting devices have been exploited as well, including solar cells, thermoelectric generators, electromagnetic generators (EMGs), piezoelectric nanogenerators (PENGs), triboelectric nanogenerators (TENGs), and so on. For this Special Issue, we welcome high-quality submissions that describe original and unpublished research contributions advancing the frontiers of energy harvesting devices and self-powered sensor systems, with particular emphasis on efficient energy harvesting and high-performance self-powered sensing systems.

Guest Editors

Prof. Dr. Yi Xi
Prof. Dr. Jin Yang
Prof. Dr. Hulin Zhang

Deadline for manuscript submissions

closed (25 January 2026)



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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