

Special Issue

Energy Harvesting Sensor Systems

Message from the Guest Editors

Energy harvesting has become a competitive alternative for the supply of low-power electronic systems, utilizing ambient energy sources in the form of kinetic movements, thermal gradients or electromagnetic radiation. A number of commercial products are now available, but significant challenges still exist throughout the field: from more efficient or robust energy harvesters, through to the effective design and integration of systems, to the functionality of energy harvesting-powered applications. In this Special Issue, we invite you to submit contributions covering any area of energy harvesting for sensor systems. This includes transducer design and optimization; system design, modeling and integration; as well as experimental verifications, case studies and field tests. Contributions supported by experimental results are particularly welcomed.

Guest Editors

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Deadline for manuscript submissions

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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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