Special Issue

Energy Harvesting and Self-Powered Sensors

Message from the Guest Editors

Energy harvesting technology developments have attracted significant attention from researchers and engineers exploring solutions for microwatt- or milliwatt-level power supplies. Triboelectric, piezoelectric, electromagnetic, and photoelectric technologies, among others, are utilized to harvest renewable energies from the natural environment, industrial production, or human activities. Therefore, sensors, sensor nodes, and even sensing systems have been developed with the highlighted advantage of self-powered ability. Impressive research progress is promising to address the cost-effective considerations of sensor design and deployment. In light of the above, this Special Issue solicits research involving energy harvesting technologies and self-powered sensors. Related surveys and reviews are also welcome.

Guest Editors

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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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