

Special Issue

Micro/Nano- Scale Energy Harvester

Message from the Guest Editor

Interest in energy-harvesting technology has been rapidly growing over the past decade, due mainly to the increased demand and requirements regarding the use of sustainable power supplies in emerging technologies. The motivation behind energy harvesting is to convert this ambient wasted energy into usable electrical energy. Sources of ambient energy which could be scavenged include solar energy; thermal energy; radiated electromagnetic energy based on photoelectric, electromagnetic, piezoelectric, etc.; and mechanical vibrations that occur through walking, body movements, pulses, etc. For this Special Issue, designers, engineers, and scientists are invited to contribute manuscripts that address novel ideas in but not limited to the these topics: Novel energy-harvesting principles and device structure designs; Energy harvesting for powering the wearable/implantable electronics and robotics; Energy harvesting for water industry and sewage pipe inspection; AI and simulation tools and techniques to characterize the performance of energy.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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