

## Special Issue

# The State of the Art in Energy Harvesting for IoT and WSNs (Second Edition)

### Message from the Guest Editor

One of the most challenging issues in the design of Internet of Things (IoT)-based devices and Wireless Sensor Networks (WSNs) is powering sensor nodes. Since there are usually many nodes distributed within a large area, the wiring is complex, expensive and completely impractical. An alternative eco-friendly solution is energy harvesting supply systems, which can locally convert otherwise wasted forms of energy available in the surrounding environment into electricity. Many types of harvesting devices have been developed to scavenge energy from different sources, including the sun, wind, vibrations, rainfall, electromagnetic fields, and so on. Topics of interest for publication include but are not limited to: Piezoelectric energy harvesting; Electromagnetic energy harvesting; Micro-wind energy harvesting; Micro-solar energy harvesting; Wearable energy harvesting; Hybrid energy harvesting; Circuits for energy harvesting; Synchronized Switching Harvesting on an Inductor (SSHI); Synchronous Electric Charge Extraction (SECE); Maximum power point tracking techniques; Low-power electronics.

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### Guest Editor

Dr. Alessandro Lo Schiavo

Dipartimento di Ingegneria, Università degli Studi della Campania "Luigi Vanvitelli", Via Roma, 81031 Aversa, CE, Italy

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### Deadline for manuscript submissions

20 October 2026



## Applied Sciences

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*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsci@mdpi.com](mailto:applsci@mdpi.com)

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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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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