



Miniaturized Generators, Volume II

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Message from the Guest Editor

Miniaturized, small-size, down-scalable, on-chip, etc. generators are a relatively new field of research, and such products are more exotic, rather than popular, at this stage. However, the demand for such generators is growing at a rapid pace today. On land, in the ocean, and in space, there are already plenty of high-tech appliances with low and ultra-low power consumption which require long-term autonomous power sources. Smart networks are currently under development and anticipated to become widespread in the near future, and they consist of thousands of sensors that interact with each other and must work off-grid. In this Special Issue, we would like to discuss the diversity and potential of the existing energy sources suitable for conversion into electricity on a low power scale and the transducers for such energy conversion.





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