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# **Highly Efficient Energy Harvesting Based on Nanomaterials**

Guest Editor:

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## **Message from the Guest Editor**

Energy harvesting systems have received a large amount of attention for various scales of application, from mega-watt grid systems using renewable energy to micro-watt power supply for the Internet of Things (IoTs). These systems generate electricity or produce fuels from many kinds of energy, which is floating around the environment or wasted from various systems. Nanomaterials and nanostructures have contributed to the large improvement of harvesting efficiency and power output, as well as enabled new principles of energy harvesting. This Special Issue welcomes contributions from researchers working on various energy harvesting systems using nanomaterials, as well as on suggesting new principles of energy harvesting, high power output, high efficiency of energy conversion, and new applications. In addition to energy harvesting, studies of highly efficient systems to reduce energy consumption and create efficient energy storage systems are also encouraged for this issue. However, the Special Issue will not be limited to the aforementioned topics and welcomes original research papers as well as review papers.











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### **Editor-in-Chief**

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## **Message from the Editor-in-Chief**

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