



Functional Nano and Microstructures for Sustainable Development: Energy and Environment

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Message from the Guest Editors

The aim of this Special Issue is to present the effect of materials engineering on various applications of nano and microstructures for energy harvesting and storage. The energy conversion by means of piezoelectric, thermal, magnetic, magnetoelectric, pyroelectric, electro/magneto-caloric, chemical, and/or hybrid properties for sensors and actuators. The Special Issue also addressed issues of energy storage and finding effective means to improve their efficiencies. Examples include, but are not limited to, ferroelectric energy storage, electrode, and electrolyte materials for batteries, supercapacitors, solid-state hydrogen storage, nanostructured solar cells, and heterogeneous catalysts.

We look forward to receiving your contributions.

Deadline for manuscript
submissions:

closed (13 October 2023)





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Message from the Editor-in-Chief

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