

Special Issue

Materials and Nanotechnology for Sustainable Energy Application

Message from the Guest Editors

Energy is a key factor in economic development and in providing vital services to improve quality of life. Currently, the world faces unsustainability in various energy applications. Considering the importance of materials and nanotechnology in various energy fields, nanotechnology provides a great opportunity for investors, governments, and the industrial complex. This technology, which is capable of generating new structures at the atomic scale, could produce new devices and materials with great potential applications for multiple fields. This technology is also a potential viable solution to the energy crisis, also addressing environmental concerns. This Special Issue deals with the use of nanotechnology in all sustainable energy applications. We invite authors to submit their original research and review articles on topics including, but not limited to the following: materials and nanotechnology in solar cells; nanotechnology application in biofuels: biological biodiesel, bioethanol, biogas, etc.; nanotechnology in fuel cells; nanotechnology in supercapacitors and batteries; nanotechnology in energy harvesting; nanotechnology in hydroelectric and thermoelectric applications.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2022)



Sustainability

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CiteScore 8.9



mdpi.com/si/110027

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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