Special Issue

Advanced Materials and Nanotechnology for Sustainable Energy and Environmental Applications

Message from the Guest Editors

Materials play a particularly important role in the technological development of a society. Consequently, the continuous demand for more advanced and sophisticated applications is closely linked to the availability of innovative materials. Although aspects related to the study, the synthesis. and the applications of materials are of interdisciplinary interest, in the last few years, great attention has been paid to the development of advanced materials for environmental preservations and sustainable energy technologies, such as gaseous pollutant monitoring, wastewater treatment, catalysis, CO2 valorization, green fuel production, energy saving, water adsorption, and clean technologies. This Special Issue aims at covering the current design, synthesis, and characterization of innovative advanced materials, as well as novel nanotechnologies able to offer promising solutions to the these pressing themes. **Keywords**

- advanced materials
- novel synthesis
- electrospinning
- sustainable energy
- catalysis
- clean energy
- green fuel
- environmental applications
- sensors
- nanotechnologies

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Message from the Editor-in-Chief

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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