



Renewable Energies: New Advances and Emerging Challenges

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editor

Dear Colleagues,

Currently, renewable energy systems are gaining popularity and will play an important role in meeting energy demands in an environmentally friendly way. Renewable energy could power the world by 2050, considering that conventional energy resources, like carbon, natural gas, and oil, are no longer sufficient to satisfy the demands of the global economy.

The exploitation of renewable energy sources is promoted by the legislation, new technologies and a greater environmental awareness in the society.

This Special Issue of the journal *Applied Science*, entitled “Renewable Energies: New Advances and Emerging Challenges”, addresses the vital topic of renewable power and energy systems. It will present original reviews, experimental and modelling research works and case studies on the progress in renewable energy sources and systems. Papers on all aspects related to new developments and challenges in this research area are welcome.





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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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