



Renewable Energy Production and Applications: Latest Advances and Prospects

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Deadline for manuscript
submissions:

closed (20 February 2024)

Message from the Guest Editors

The purpose of this Special Issue is to compile research from the fields of science and engineering that addresses the possibilities, problems, and prospective solutions related to renewable energy development as a sustainable means of realizing energy transition. This Special Issue focuses on the latest technology developed and challenges solved in order to maximize the utilization of renewable energy and minimize fossil fuel consumption. It will on focus on the potential of resources, the environment, and technical issues related to the application of renewable energy, including solar, bioenergy, wind, and a combination of them all.

The scope of this Special Issue includes, but is not limited to, the following:

- Role of renewable energy in carbon neutrality targets;
- Replacement of fossil fuel by renewables: production and applications;
- Possible market of renewable energy products;
- Latest advances in renewable energy;
- Supportive policies and incentives to promote renewable energy usage;
- The costs of renewable energy technologies;
- Public awareness and support of renewable energy;
- Prospects of renewable energy development;
- Energy transition;
- Environmental issues.





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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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