

Special Issue

State-of-the-Art and Applications of Renewable Energies in Europe

Message from the Guest Editors

Within the European community, at all the institutional, industrial and social levels, the attention toward the spread of renewables, e.g., solar, wind, hydro, biomass, geothermal, etc., to increase their incidence in the country energy mix is increasing to mark the transition toward a long-term, sustainable green development based on green energies. Particularly, the ‘2030 Framework for climate and energy’ approved by the EU Council in 2014 set ambitious targets to achieve a more competitive, secure and sustainable energy system. The goal of this Special Issue is to gather up the current state-of-the-art and relevant practical applications of the renewables held in EU area. Contributions (original papers and review articles) from researchers and practitioners active in the fields of estimating, using and managing the renewable sources are welcomed and strongly encouraged. **Keywords**

- renewable energies
- green energy system
- energy prediction
- hybrid energy technologies
- smart-grid, energy model
- energy engineering
- green economy

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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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