Applied Optimization in Clean and Renewable Energy: New Trends

Guest Editors:

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Deadline for manuscript submissions:
closed (31 March 2021)

Message from the Guest Editors

Dear Colleagues,

In recent years, the environmental pollution become a crisis and the world is facing. The direction of research is towards the utilization of renewable energy which will help in fullfilling the energy demand and also to mitigate the environmental problems. E.g. biomass. Multi-objective optimization is concerned with mathematical optimization problems involving more than one objective function to optimized simultanesouly. It had been applied in many fields of science, including engineering, economics, and logistics where the optimal decisions need to be made trade-offs between the conflicting objectives.

This special issue aims to seek the high-quality papers from academics and industry-related researchers in the areas of applied mathematics, renewable energy systems, machine learning, artificial intelligence, pattern recognition, data mining, multimedia processing, and big data to show the most recently advanced methods, e.g. deep neural networks and learning systems, in optimization and machine learning for parallel data computations.

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Guest Editors

Special issue

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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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