## Special Issue

## New Developments and Prospects in Clean and Renewable Energies

## Message from the Guest Editors

The world is facing ongoing and emerging energy challenges such as energy poverty for about 25% of the world's population, limited fossil fuel resources, and the global environmental crisis. To overcome or at least diminish these challenges, it is essential to explore and implement effective, cost-competitive, and practical solutions or alternatives. The worldwide energy demand is dramatically increasing for a variety of reasons, the two most important being population growth and increasing living standards requiring greater energy inputs. Clean, renewable, and eco-friendly energy sources (e.g., solar, wind, geothermal, biofuel, hydro) can not only help us to meet global energy needs, but also reduce the negative consequences of climate change, mitigate the threat of global warming, and achieve sustainable development. The current Special Issue aims to fill knowledge gaps and help develop technologies related to clean, sustainable, and renewable energy systems (both stand-alone and hybrid). Original research, review articles, case studies, and technical notes are welcome.

## **Guest Editors**

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## Deadline for manuscript submissions

closed (20 March 2023)



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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 multidimensional network.

## Editor-in-Chief

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