



## Renewable and Sustainable Energy Systems: Recent Developments, Challenges, and Future Perspectives

Guest Editor:

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### Message from the Guest Editor

Currently, a transition from non-renewable carbon-based fuels (mainly oil, coal, and natural gas) to renewable, eco-friendly, and sustainable energy sources (e.g., solar, wind, geothermal, hydro) is essential for a variety of reasons, the most important ones being the ongoing and emerging environmental problems and threats, the limited resources of fossil fuels, and fast-growing global demand for energy. Therefore, we need to pay more attention to and invest in clean, renewable, and sustainable energy technologies to overcome or minimize ongoing and emerging challenges facing the world today. Hence, submitting articles, including original research, reviews, case studies, and technical notes covering the following topics to this Special Issue is encouraged:

- renewable energy
- energy sources and production
- energy conversion and storage
- energy efficiency improvement
- energy conservation and management
- hybrid energy systems
- energy quality
- energy and buildings
- climate change
- sustainability

