

Special Issue

Renewable Energy Systems and Energy Efficiency for a Decarbonized Sustainability

Message from the Guest Editors

Over the past several decades, increasing concern about climate change, scarcity of resources, and energy supply have led to a paradigm shift in society and industry toward improved energy efficiency.

Energy efficiency and conservation are important tools; however, the energy efficiency improvement potential alone is not sufficient to reduce the increasing demand for fossil fuels and their associated environmental impact. To reduce fossil fuel demand and carbon emissions, all sectors must invest in renewable energy. Renewable energy technologies can provide practical and cost-effective alternatives for clean electricity and decarbonized heat sources including industrial process heat with fewer greenhouse gases (GHG) emissions.

This Special Issue of the journal *Sustainability* devoted to the broad field of “Renewable Energy Systems and Energy Efficiency for a Decarbonized Sustainability” aims to explore recent research into the concepts, methods, tools, and applications for improving renewable energy and energy efficiency technologies and their applications in order to advance and promote sustainable development in all sectors.

Guest Editors

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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