

Special Issue

Emerging Renewable and Sustainable Energy Technologies

Message from the Guest Editors

Burning fossil fuels releases a tremendous amount of greenhouse gases and causes destructive environmental impacts, including air pollution, acid rain, and climate change, resulting in severe damage to human life and the ecosystem. Renewable energy sources have the potential to play an important role in the world's future energy security. Rapid urbanization around the world, especially in developing countries, has resulted in a dramatic increase in the need for energy and water resources. This global trend necessitates a sustainable transition toward alternative energy sources that can deliver robust economic, environmental, and social benefits. This Special Issue aims to create a platform to discover the most recent advances in renewable energy technologies covering globally conducted research and developments on renewable energy conversion technologies, their production methods, storage techniques, and management strategies. In this regard, authors worldwide are invited to contribute their full-length, peer-review ready papers on the emerging technologies for the production, storage, conversion, and management of renewable energy sources.

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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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