

Special Issue

Energy Recovery, Sustainability and Waste Management

Message from the Guest Editors

The global increase in energy demand and consumption is a leading cause of the higher use of fossil fuels to meet these demands. Climate change, the mining of fossil fuels, the depletion of natural resources, and the lack of renewable resources are some of the many challenges we currently face. Carbon assessment and capture technologies need to be consolidated to identify the best carbon sinks and capture and storage methods as mitigation measures. There is a need for sustainable solutions and management strategies for resources utilisation, production and consumption, as well as social awareness, education, and environmental policy at various levels [4]. Renewable energy is required to combat fossil-fuel-induced climate change, and there is a need for bio-based materials as an alternative for the treatment and management of waste [5]. Many methods (life cycle assessment, environmental footprint, cost-benefit analysis) are available to assess the sustainability performance of human activities, and we encourage researchers to propose these or new methods of assessment through their submission to the Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2023)



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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.

Editor-in-Chief

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