

Special Issue

Towards Energy Sustainability: Thermal Analysis and Renewable Energy Studies

Message from the Guest Editor

Thermal analysis is a powerful technique used to study the thermal behavior of materials under different conditions. It involves the measurement and analysis of changes in temperature, heat flow, and other related properties of a material as a function of time and temperature. This analysis helps us to understand the thermal stability, performance, and behavior of materials. It provides critical insights into the physical and chemical changes that occur in materials as a result of temperature changes, which is important for designing and optimizing various industrial processes. Renewable energy studies are focused on exploring and developing alternative sources of energy that are sustainable and environmentally friendly. This field encompasses a wide range of research areas, such as solar, wind, hydro, geothermal, and bioenergy, among others. The goal is to find ways to harness these energy sources efficiently and economically to reduce our reliance on nonrenewable resources like fossil fuels. Renewable energy studies involve the development of new technologies, processes, and materials to improve the efficiency and cost-effectiveness of renewable energy sources.

Guest Editor

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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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