Special Issue

Energy Sustainability: Advanced Technology of Thermoelectric Generation

Message from the Guest Editors

Thermoelectric generation has the potential to play a role in advancing energy sustainability by converting waste heat into usable energy, improving energy efficiency, and reducing reliance on finite resources such as fossil fuels. It is a process of converting heat energy directly into electrical energy using a thermoelectric device. TEG has several advantages, including its ability to operate without moving parts, its reliability, and its scalability. Ongoing research and development in thermoelectric materials and device design are aimed at improving the efficiency of thermoelectric generation and expanding its applications, which could make thermoelectric generation a more competitive and sustainable energy source in the future. To advance the knowledge regarding the most recent technologies applicable in thermoelectric generation, *Sustainability* is organizing a Special Issue entitled “Energy Sustainability: Advanced Technology of Thermoelectric Generation”. We invite papers on system design, methodologies, applications, and reviews, etc., that contribute to the advancement of the field of thermoelectric generation.

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Deadline for manuscript submissions

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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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