Special Issue

Technology Applications in Sustainable Energy and Power Engineering

Message from the Guest Editors

In the context of dual carbon and sustainable development, renewable energy-related technologies are vigorously developing. The application of renewable energy has brought new challenges to current energy and power engineering. In the case of the most commonly used power machine, the internal combustion engine, the adoption of renewable energy sources such as hydrogen, ammonia, and methanol requires not only the modification of the original engine but also, more importantly, the calibration of the control strategy. Hybrid power systems can reduce overall vehicle emissions, and the use of renewable energy sources also requires the optimization of control strategies for the internal combustion engine and the power battery. With the sustainable development of artificial intelligence technology, its application in sustainable energy and power engineering is becoming increasingly widespread. In response to the current situation, *Sustainability* aims to provide a platform for sharing research on technology applications of related technologies in sustainable energy and power engineering.

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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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