

Special Issue

Exploring Carbon Emission Issues and Emission Reduction Methods

Message from the Guest Editors

Global warming, also known as climate change, is the most serious and persistent problem for humankind today. Carbon dioxide (CO₂) (also known as carbon emission) is the most important cause of global warming. Enterprises must also find ways to reduce their carbon emission, and various incentives have been created to encourage this, such as the introduction of carbon pricing, the increase of energy efficiency standards, and the implementation of auctions for the lowest-cost renewable energy. Among these, carbon pricing refers to charges to those who emit carbon dioxide (CO₂), including carbon taxes, emissions trading systems (ETSs), carbon offset, and so on. In view of the urgent need to reduce carbon emission, we would like to invite researchers and professionals from universities, enterprises, and governmental units to share new ideas, innovations, trends, and experiences concerning the related issues of carbon emission in business operation and daily life.

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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