

## Special Issue

# Advances in Low Carbon Technologies and Transition

### Message from the Guest Editors

Dear colleagues, A wide variety of low-carbon technologies and products have already spread in our society. However, policies have not been well implemented to effectively reduce CO<sub>2</sub> emissions by promoting low-carbon technologies and products. Demand-side policies focus on maximizing a reduction in consumption-based CO<sub>2</sub> emissions through replacing older products with higher CO<sub>2</sub> emissions with newer products with lower CO<sub>2</sub> emissions, whereas supply-side policies focus on minimizing production-based CO<sub>2</sub> emissions on a production possibility frontier through achieving technological change and advancement. This Special Issue focuses on studies targeting specific products (e.g., motor vehicle, refrigerator, etc.) and/or specific technologies (e.g., steel-making technology, power generation technology, etc.) and quantifying CO<sub>2</sub> emissions associated with products and technology systems using the reliable inventory database. Thus, this Special Issue welcomes high-quality papers on how policies can contribute to reducing CO<sub>2</sub> emissions from consumption- and production-based perspectives.

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### Deadline for manuscript submissions

closed (10 March 2023)



## Energies

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## About the Journal

### Message from the Editor-in-Chief

*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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