

## Special Issue

# Research on Low-Cost Electricity and Reductive CO<sub>2</sub> Utilization

### Message from the Guest Editors

Since the Industrial Revolution, there has been a huge rise in carbon dioxide in the atmosphere, resulting in many environmental concerns that have become increasingly prevalent in recent years. It is critical to reduce carbon dioxide emissions to a level that is sustainable to avoid global warming and climate change from taking place. Developing low-carbon electricity is inextricably linked to new technology development. Pilot carbon trading, carbon capture power plant demonstrations, and other low-carbon technologies have shown initial results. It is still early days for low-carbon electrical solutions, so many more options need to be investigated. The purpose of this Special Issue is to draw attention to the research being carried out in the areas of low-cost electricity and CO<sub>2</sub> reduction use at all levels of electricity generation, transmission, and usage. It focuses on the strategies, procedures, techniques, and methods for the power industry's low-carbon development, highlighting the most recent research advances made by domestic and international experts in the field of low-cost electricity and low-carbon energy.

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### Guest Editors

Prof. Dr. Abul Quasem Al-Amin

Dr. Md Mahmudul Alam

Dr. M.N. Mohamed Ansari

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### Deadline for manuscript submissions

closed (30 November 2022)



## 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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### Editor-in-Chief

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