Special Issue

Advances in Carbon Capture and Storage and Renewable Energy Systems

Message from the Guest Editors

To achieve net-zero targets by the middle of the century, it is essential to employ combinations of low-carbon and renewable energy technologies in different sectors including energy, residential, transportation, industry, etc. Net zero is all about 'balancing' or cancelling out any carbon we produce from a product or service. We reach net zero when the amount of greenhouse gas we produce is no more than the amount taken away. This Special Issue is seeking advanced research works on carbon capture utilization and storage (CCUS) and renewable energy systems and a combination of different net-zero scenarios in achieving carbon neutrality targets and meeting energy sustainability standards by 2050.

Guest Editors

Prof. Dr. Hamidreza Gohari Darabkhani

Staffordshire Centre for Renewable and Sustainable Engineering (CRSE), School of Digital, Technology, Innovation & Business (DTIB), University of Staffordshire, Stoke-on-Trent ST4 2DE, UK

Prof. Dr. Abdel-Hamid Soliman

Department of Engineering, School of Digital, Technologies and Arts (DTA), Staffordshire University, Stoke-on-Trent ST4 2DE, UK

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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