

Special Issue

Low-Carbon Energy Systems: Recent Engineering Materials and Technologies

Message from the Guest Editors

Currently, the importance of preserving the environment and reducing carbon emissions has increased at various levels as a result of the population increase around the world, which called for an increase in factories and production, which means increasing carbon and negatively affecting the environment. Therefore, recent researchers have been trying to reduce these damages by adopting low-carbon energy systems in various fields by producing materials with less environmental damage, reusing materials, and including them in other industries, or by using environmentally friendly technologies to manufacture engineering materials. Therefore, one of the main objectives is to identify the latest research in these environmentally friendly systems and research related to green energy. In addition, this issue discusses ways to produce low-carbon materials and study their engineering properties. Accordingly, we invite researchers to submit their recent work on energy systems related to the following topics: CO₂ emission reduction technologies, low-carbon engineering materials, recycling and reuse of low-carbon energy materials, and low-carbon energy construction materials and structures.

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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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