# Special Issue

## Solar Energy: Resources, Technologies and Challenges

### Message from the Guest Editor

Solar energy has become a very popular topic that has attracted worldwide research interest, and for good reason: the Sun is constantly radiating energy in all directions, including towards the Earth's surface. In this Special Issue, energy researchers, practitioners, energy economists and policymakers are invited to present research outcomes, innovations, or ideas related to the use of solar energy. These include current and emerging solar power/energy technologies; high, medium, and low-temperature applications; thermal and electrical energy storage; solar energy availability at a particular region; solar-grid integration; economic aspects of particular solar technology/application. The issues and challenges arising from the use of solar energy systems including solar panel waste and recycling, systems challenges in different climates (hails, flooding, extreme weather, etc.) and system reliability are relevant topics for this Special Issue. Review manuscripts which look at the current technologies and their technical and economic viability will be considered.

### Guest Editor

Dr. Edward Halawa

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### Deadline for manuscript submissions

closed (13 July 2023)

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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.

## Editor-in-Chief

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