



*energies*



an Open Access Journal by MDPI

## Advanced Technologies in Agricultural Engineering and Energy Optimization

Guest Editors:

**Dr. Vadim Bolshev**

**Dr. Vladimir Panchenko**

**Dr. Nallapaneni Manoj Kumar**

**Dr. Pandian Vasant**

**Prof. Dr. Igor Litvinchev**

**Prof. Dr. Prasun Chakrabarti**

Deadline for manuscript  
submissions:

**closed (30 June 2023)**

### Message from the Guest Editors

The purpose of this Special Issue “Advanced Technologies in Agricultural Engineering and Energy Optimization” is to publish research papers, as well as review articles, addressing recent advances on agriculture engineering within the confines of use of various energy types. This Special Issue aims to seek high-quality papers from academics and industry-related researchers in the areas of power supply to rural areas, biofuels and renewable energies used in agriculture, energy efficiency and conservation in agriculture, agricultural robotic applications, livestock production, the application of electrophysical impact on agricultural objects, technologies in harvesting and seed machinery, solutions for digital and precision agriculture, applied mathematics, environmental bioengineering, machine learning, artificial intelligence, pattern recognition, data mining, multimedia processing and big data to show the most recently advanced methods.



[mdpi.com/si/133858](https://mdpi.com/si/133858)

# Special Issue



# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (*Engineering (miscellaneous)*)

## Contact Us

---

*Energies* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://twitter.com/energies_mdpi)