



*energies*



an Open Access Journal by MDPI

## Bioelectrochemical Systems (BES) for Sustainable Energy Production

Guest Editor:

**Prof. Dr. Sang-Eun Oh**

Environmental Biotechnology  
Laboratory, Department of  
Biological Environment,  
Kangwon National University,  
Chuncheon 200-701, Korea

Deadline for manuscript  
submissions:

**closed (28 February 2022)**

### Message from the Guest Editor

Bioelectrochemical systems (BESs) are emerging sustainable biotechnology for energy production (such as fuel-celled derived electricity, H<sub>2</sub>, and CH<sub>4</sub>), wastewater treatment, and production of value-added chemicals. Development of newer concepts for application as well as alternative materials for electrodes, separators, and catalysts along with innovative designs have made BESs a very promising technology. BESs, however, still face economic and technical challenges, which need considerable attention before achieving full potential on a commercial scale. This Special Issue “Bioelectrochemical Systems for Sustainable Energy Production” extends an invitation to those multidisciplinary studies in both academia and industry related to bioelectrochemical technologies and involved with process design and material fabrication, energy recovery from wastewater, and bioelectrochemical systems. Original research and studies with empirical, theoretical, computational work, and review papers are enthusiastically welcomed.

Look forward to your submissions that will have a significant impact on the development of sustainable and environmentally friendly technologies.



[mdpi.com/si/32230](https://mdpi.com/si/32230)

**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 (Control and Optimization)

## Contact Us

---

*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
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)