Special Issue

Bioelectrochemical Systems (BES) for Sustainable Energy Production

Message from the Guest Editor

Bioelectrochemical systems (BESs) are emerging sustainable biotechnology for energy production (such as fuel-celled derived electricity, H2, and CH4), 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.

Guest Editor

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Deadline for manuscript submissions

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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.

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