



energies



an Open Access Journal by MDPI

Environmental Management and Engineering Related to Novel Energy Concepts

Guest Editors:

Prof. Dr. Athanasios Kungolos

School of Civil Engineering,
Aristotle University of
Thessaloniki, 54124 Thessaloniki,
Greece

**Prof. Dr. Constantinos S.
Psomopoulos**

High Voltage and Energy Systems
Research Lab, Department of
Electrical and Electronics
Engineering, University of West
Attica, 12244 Egaleo, Greece

Dr. Konstantinos Kalkanis

School of Engineering,
Department of Electrical and
Electronics Engineering,
University of West Attica, 12244
Egaleo, Greece

Deadline for manuscript
submissions:

closed (25 March 2024)

Message from the Guest Editors

Dear Colleagues,

The need for advanced and novel technologies is clear in light of the UN sustainability goals. These matters will be extensively discussed at the Tenth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2023), and proposals will be made there.

This Special Issue aims to present and disseminate environmental impact assessments related to theoretical assumptions or to the results of scientific and implementation research in the design, modelling and optimization of technological systems in novel energy concepts. Therefore, this Special Issue will focus on current biomass treatment methods and technologies for energy recovery, the state of the art in obtaining biofuel from different sources, including research on pellets, briquettes and tablets, biogas, biohydrogen, biodiesel, bioethanol, biochitan and syngas, the concept of biorefineries, the modeling and optimization of technologies for cleaner energy as well as for techno-economic analysis (TEA) and the life cycle assessment (LCA) of novel energy concepts.

We are pleased to invite you to contribute to this Special Issue.



mdpi.com/si/169196

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

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://x.com/energies_mdpi)