

## Special Issue

# Environmental Management and Engineering Related to Novel Energy Concepts

### Message from the Guest Editors

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.

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### Guest Editors

Prof. Dr. Athanasios Kungolos

Prof. Dr. Constantinos S. Psomopoulos

Dr. Konstantinos Kalkanis

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### Deadline for manuscript submissions

closed (25 March 2024)



## Energies

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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.

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### Editor-in-Chief

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