



energies



an Open Access Journal by MDPI

Advances in Ocean Energy Technologies and Applications

Guest Editors:

Dr. Lele Yang

School of Civil Engineering and Transportation, South China University of Technology, Guangzhou 510641, China

Prof. Dr. Fengmei Jing

School of Mechanical and Engineering, Beijing Institute of Technology, Beijing 100081, China

Prof. Dr. Wanhai Xu

State Key Laboratory of Hydraulic Engineering Simulation and Safety, Tianjin University, Tianjin 300350, China

Deadline for manuscript submissions:

20 November 2024



mdpi.com/si/205842

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to provide a comprehensive overview of the latest developments in the field of ocean energy, with a particular focus on marine renewable energy, marine oil and gas exploitation, and deep-sea mining.

Topics covered include but are not limited to wave energy, tidal energy, and offshore wind energy, as well as emerging concepts such as ocean thermal energy conversion and salinity gradient power. Additionally, this Special Issue will delve into the challenges and opportunities associated with marine oil and gas exploitation. It will examine the latest advancements in deep-sea mining technologies, environmental considerations, and regulatory frameworks, shedding light on the evolving landscape of this emerging industry.

Overall, this Special Issue on "Advances in Ocean Energy Technologies and Applications" promises to be a valuable resource for researchers, practitioners, and policymakers seeking to stay abreast of the latest developments and trends shaping the future of ocean-based energy and resource sectors.

Dr. Lele Yang
Prof. Dr. Fengmei Jing
Prof. Dr. Wanhai Xu
Guest Editors

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, 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://twitter.com/energies_mdpi)