



Electrical Systems for Marine Renewable Energy Applications

Guest Editors:

Dr. Cecilia Boström

Department of Electrical
Engineering, Uppsala University,
Lägerhyddsvägen 1, 75121
Uppsala, Sweden

Prof. Dr. Irina Temiz

Department of Electrical
Engineering, Uppsala University,
Lägerhyddsvägen 1, 75121
Uppsala, Sweden

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editors

Dear Colleagues,

Marine energy can be a good source to balance the variability of other renewable energy sources, particularly wind and solar PV, to balance the grid. However, many challenges need to be addressed, including the safety and technical capacity of the shared infrastructure of offshore renewable energy sources, component development for efficient power transmission over long distances, and their applicability to specific technologies or their hybrid solutions. With this Special Issue, we would like to highlight the importance of research within the field of power system analysis for marine renewable applications. We encourage contributions discussing grid codes and standardization for off-shore renewable energy.

Dr. Cecilia Boström
Prof. Dr. Irina Temiz
Guest Editors





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

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