Renewable Energy in Marine Environment

Guest Editor:

Prof. Dr. Eugen Rusu
Department of Applied Mechanics, Head of Laboratory of Computations and Modeling in Applied Mechanics, "Dunarea de Jos" University of Galati, Galați, Romania
erusu@ugal.ro

Deadline for manuscript submissions:
30 September 2019

Message from the Guest Editor

This Special Issue seeks to contribute to the renewable energy agenda through enhanced scientific and multi-disciplinary works aiming to improve knowledge and performance in harvesting renewable energy in the marine environment. We therefore invite papers on innovative technical developments, reviews, case studies, and analytics, as well as assessments, and papers from different disciplines, that are relevant to renewable energy extraction in marine environment.

Topics of interest for publication include, but are not limited to, the following:

- Conversion of the wave energy;
- Conversion of the tidal energy;
- Offshore wind;
- Floating platforms;
- Hybrid concepts;
- Modeling waves, tides, and offshore wind;
- Numerical modelling of marine energy converters;
- Physical modelling of marine energy converters;
- Arrays modelling;
- Risk and reliability assessment in marine energy extraction;
- Environmental impact of marine energy extraction;
- LCOE dynamics in marine energy.
Editor-in-Chief

**Prof. Dr. Enrico Sciubba**
Room 32, 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 by the Science Citation Index Expanded (Web of Science), Ei Compendex, Scopus and other databases.

**Rapid publication:** manuscripts are peer-reviewed and a first decision provided to authors approximately 13.4 days after submission; acceptance to publication is undertaken in 5.6 days (median values for papers published in this journal in the second half of 2018).

Contact Us

*Energies*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
www.mdpi.com  
energies@mdpi.com  
@energies_mdpi