

## Special Issue

# Advances and Challenges in Harvesting Ocean Energy

### 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 ocean energy. We strongly encourage papers providing innovative technical developments, reviews, case studies, and analytics, as well as assessments and manuscripts targeting different disciplines, which are relevant to harvesting ocean energy and to the associated advances and challenges. Topics of interest for publication include, but are not limited to, the following:

- Offshore wind, fix turbines, and floating platforms;
- Conversion of the tidal energy;
- Conversion of the wave energy;
- Conversion of the solar energy in marine environment;
- Collocation against hybrid concepts;
- Modeling waves, tides, and offshore wind;
- Numerical modelling of marine energy converters;
- Physical modelling of marine energy converters;
- Array modelling;
- Risk and reliability assessment in marine energy extraction;
- Environmental impact of marine energy extraction;
- LCOE dynamics and other economic aspects in harvesting ocean energy.

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### Guest Editor

Prof. Dr. Eugen Rusu

Department of Mechanical Engineering, University Dunarea de Jos of Galati, Galati, Romania

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### Deadline for manuscript submissions

closed (15 December 2020)



## 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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