



## Novel Techno-Economic Solutions for Offshore Renewable Energy Systems

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submissions:

**closed (30 April 2021)**

### Message from the Guest Editors

Dear colleagues,

Producing truly reliable offshore renewable energy systems goes beyond overcoming a series of technological challenges, ranging from the conception, design, and operation of new devices with improvements such as stability, redundancy, seakeeping, or survival within the adverse conditions of the marine environment. On the other hand, these technical advances demand to be supported by economic analysis that need to be developed in an accurate manner in order not to compromise the commercial exploitations of these offshore renewable energy technologies. This Special Issue aims to exhibit the latest research achievements, findings, and ideas in order to outline the current state-of-the-art and highlight the emerging trends and challenges.

In this Special Issue proposal, potential topics include but are not limited to the following:

- Robotics and control algorithms
- Signal processing
- Offshore renewable energy conversion systems
- Offshore renewable energy resources
- Risk and reliability models
- Lifecycle assessment
- Techno-economic modeling
- Production costs
- Energy strategies
- Business modeling



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## Message from the Editor-in-Chief

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