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## Innovation in Grid Connection and Control of Offshore Renewable Energy Systems

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**closed (25 February 2022)**



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### Message from the Guest Editor

Dear Colleagues,

This Special Issue of *Energies* is dedicated to ‘Innovation in Grid Connection and Control of Offshore Renewable Energy Systems’ (fixed and floating offshore wind, wave and tidal). Recent research in offshore wind has demonstrated that classical onshore control strategies are not suitable for floating offshore wind turbines, and, therefore, papers exploring new alternatives are encouraged.

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

- Wave energy conversion
- Tidal energy conversion
- Fixed and floating offshore wind energy conversion
- Multi-energy platform concepts and control
- Electric power generation, conversion, storage and transmission
- Modeling and simulation of offshore renewable generation
- Integration of offshore renewable energy into the power system
- Development of digital models of an offshore renewable energy facility and components
- Control strategies of offshore renewable energy devices
- Remaining life extension

Dr. Eider Robles Sestafe  
Guest Editor

**Special Issue**



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## 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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