Special Issue

Offshore Renewable Energies and Marine Energy Systems

Message from the Guest Editor

Offshore renewable energies include many technologies, characterized by different stages of maturity and Technology Readiness Level (TRL);from bottom fixed to floating offshore wind farms, wave energy converters, tidal energy systems, wave energy converters, floating PV, as well as other technologies such as salinity gradient power generation and ocean thermal energy conversion. Indeed, ocean and marine energy penetration is one of the main energy transition challenges for the next few decades. This Special Issue aims at providing state-of-the-art experimental studies on offshore renewable power generating systems. We encourage researchers to share their original work from the field of offshore renewable energies and marine energy systems. Topics of primary interest include, but are not limited to:

- Offshore renewable technologies;
- Energy storages and Power to X systems;
- Grid infrastructure analysis;
- Energy production forecasting;
- Satellite analysis and energy potential assessment;
- Energy price assessment and market perspective;
- Environmental impact assessment;
- Policy strategies and social impacts.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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