

Special Issue

Development and Application of Computational Fluid Dynamics in Offshore Renewable Energy

Message from the Guest Editors

The main aim of this Special Issue is to collect outstanding research articles highlighting original development and/or applications of Computational Fluid Dynamics (CFD) in the area of offshore renewable energy (ORE), covering a wide range of problems. Topics of interest include but are not limited to the development and/or application of CFD in:

- ORE resource assessment, wind farm, and tidal array layout design;
- Turbine/wake interaction in wind farms and tidal arrays;
- Wave- and turbulence-induced loads in tidal energy converters;
- Floating and fixed-bottom wind turbine analysis and design;
- Active and passive rotor flow control;
- Wave energy;
- Fluid/structure interaction;
- Hybrid methods combining CFD and machine learning;
- Combined use of CFD and experiments in any of the above topics.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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