Special Issue

Floating Offshore Wind Turbines

Message from the Guest Editor

Energies is planning a new Special Issue on the topic of "Floating Offshore Wind Turbines". Energy from floating offshore wind turbines is in many future energy scenarios assumed to have a major role in electricity supply toward 2050. Many important research tasks must first be addressed for this to take place, though. In this Special Issue of *Energies*, we want to focus on the dynamics response of multimegawatt floating offshore wind turbines subjected to loads wind, waves, and current. In particular the following issues are of interest: The effect of different formulations of the turbulent wind field under various atmospheric stability conditions; interaction between the dynamic response to wind and waves and the importance of the turbine control system; the combined action of waves and current; the effect of wave-induced motions on power output and floater behavior in the wake of an upstream turbine. Further, issues related to mooring of floating offshore wind turbines are of special interest. We sincerely hope you have interest in and are able to submit an article to this Special Issue.

Guest Editor

Prof. Dr. Finn Gunnar Nielsen
Head Bergen Offshore Wind Centre (BOW), Geophysical Institute, University of Bergen, P.O.Box 7803, 5020 Bergen, Norway

Deadline for manuscript submissions

closed (15 December 2021)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 8.3

mdpi.com/si/54211

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/energies

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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