

Special Issue

Numerical Analysis, Field Testing and Experimental Assessment of Offshore Wind Turbines

Message from the Guest Editors

Although offshore wind turbines (OWTs) have seen rapid growth in the past decade, the further development of these structures to reduce the levelized cost of energy (LCOE) needs proper experimental and numerical analysis and thorough field assessment. Therefore, research-driven developments to explore new concepts/structures, testing methodology, numerical modelling tools and simulation methods are required. We invite researchers and scientists to contribute original research articles that will stimulate the continuing progress of the OWTs field, with a focus on state-of-the-art numerical modelling and the experimental assessment of offshore wind engineering. We are particularly interested in articles describing new methodologies, analytical and numerical tools, as well as theoretical methods dealing with engineering problems.

Guest Editors

Dr. Madjid Karimirad

School of Natural and Built Environment, Queen's University Belfast, Belfast, UK

Dr. Amy Robertson

National Renewable Energy Laboratory, 15013 Denver W Pkwy, Golden, CO 80401, USA

Deadline for manuscript submissions

closed (31 March 2022)



Energies

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Impact Factor 3.0
CiteScore 6.2



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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 Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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