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

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/86994

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

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/journal/energies

About the Journal

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)