



an Open Access Journal by MDPI

# **CFD Applications for Wind Energy Exploitation**

Guest Editor:

# Message from the Guest Editor

**Dr. Carlos Peralta** Danish Meteorological Institute,

DK-2100 Copenhagen, Denmark

Deadline for manuscript submissions: closed (20 May 2022) Dear Colleagues,

This Special Issue of *Energies* will be of interest to academics, scientists, and industry experts interested in the applications of CFD to wind energy. It will cover a wide range of topics, including, but not limited to:

- resource assessment of small wind energy generators
- wind rotors and blades—aerodynamics
- wakes
- control and diagnostics of wind energy converters

Dr. Carlos Peralta *Guest Editor* 









an Open Access Journal by MDPI

# **Editor-in-Chief**

#### Prof. Dr. Enrico Sciubba

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

### 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.

# **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 (Engineering (miscellaneous))

### **Contact Us**

*Energies* Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/energies energies@mdpi.com X@energies\_mdpi