

Special Issue

Wind Turbine Aerodynamics II

Message from the Guest Editor

As the pioneer of renewable energy, wind energy is developing very quickly all over the world. To reduce the levelized cost of energy (LCOE), the size of a single wind turbine has been increased to 12 MW, and this will increase further in the near future. This tendency requires the further development and validation of wind turbine aerodynamic models. After the successful collection of papers for this Special Issue on Wind Turbine Aerodynamics, another Special Issue Wind Turbine Aerodynamics II is now open. This Special Issue aims to collect important works addressing the aerodynamic challenges appearing in such development. Keywords:

- wind turbine
- wind farm
- aerodynamics
- aero-elasticity
- aero-acoustics
- atmospheric flow
- wakes

Guest Editor

Prof. Dr. Wen Zhong Shen

Department of Wind Energy, Aero and Fluid Dynamics Section, Nils Koppels Allé, Building 403, 2800 Kgs. Lyngby, Denmark

Deadline for manuscript submissions

closed (30 June 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/33977

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

mdpi.com/journal/

[appls](https://appls.mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, 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, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)