

Challenges and Perspectives of Wind Energy Technology

Guest Editor:

Prof. Dr. Zhe Chen

Department of Energy
Technology, Aalborg University,
9220 Aalborg, Denmark

Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editor

The Special Issue will publish the new contributions in wind-energy-related areas of engineering, environmental science, economic analysis, and policy impacts. The main readers will include those in academia, research institutions, industrial sectors, and policy makers.

Topics of interest include, but are not limited to, the following:

- Forecast of wind and wind power;
- Wind turbine technologies, including turbine rotors, structural, mechanical, and electrical systems, and relevant aspects;
- Wind turbine operation and control;
- Wind power plant and grid integration;
- Offshore wind power;
- Wind energy utilization in energy and other systems, such as Wind Power-X;
- Wind power in the energy market and economics;
- Condition monitoring, maintenance, and reliability of wind power systems;
- Environmental and socio-economic aspects of wind power technology.

