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Advancement in Wind Turbine Technology

Guest Editor:

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Deadline for manuscript
submissions:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue offers a major opportunity for reporting advancements in wind turbine technologies for realizing the worldwide potential to harness wind energy onshore and offshore. This Special Issue covers, but is not limited to, a wide range of topics, including:

- Wind farms
- Digital twins
- Cost modelling
- Wake dynamics
- Control mechanisms
- Reduced-order modelling
- Wind-resource estimation
- Applications and economics
- Aeroelasticity and aeroacoustics
- Environmental and legal aspects
- The estimation of remaining useful life
- The aerodynamics of rotors and blades
- Installation and condition monitoring
- Power generation, storage and transmission
- Novel wind-turbine designs and optimisation
- Analytical, empirical and numerical modelling

Dr. Taimoor Asim
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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