

Special Issue

Vibration Control of On- and Off-Shore Wind Turbines

Message from the Guest Editor

Wind turbines, both on-shore and off-shore, play a critical role in the transition to renewable energy by harnessing wind power. However, their operation in varying environments presents significant challenges, with vibrations being one of the primary concerns. This Special Issue aims to explore the fundamental causes of vibrations in these turbines, including aerodynamic forces, mechanical dynamics, and environmental factors. This Special Issue also delves into innovative techniques for mitigating these vibrations, such as active and passive control methods, adaptive materials, and novel sensor technologies.

Guest Editor

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Message from the Editor-in-Chief

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Editor-in-Chief

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