

Special Issue

Advances in Wind Engineering for Sustainable Structure

Message from the Guest Editors

In recent years, human activities have brought more frequent and stronger extreme weather conditions. Due to climate change, wind-induced disasters have raged all over the world, and many structures have been damaged, especially wind-sensitive structures, such as high-rise and long-span structures. However, with economic development, the human demand for wind-sensitive structures has grown rapidly, which necessitates higher requirements for the sustainable development of construction. At present, the research on complex wind fields and wind-induced responses is not deep or accurate enough, and thus research on wind fields and wind action on structures are necessary for the sustainable development of infrastructure.

Taking into account these premises, this Special Issue aims to present original research articles and reviews on advances in wind engineering for sustainable structures. Potential topics include, but are not limited to, the following: Aerodynamics—including buildings, bridges, cables, vehicles, and sports; Field measurement and wind tunnel techniques; Wind loads on structures; Wind–structure interaction.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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