

Special Issue

Wind Effects on Civil Infrastructure

Message from the Guest Editor

This Special Issue aims to compile the most advanced and novel approaches in the wind structural engineering field by covering topics related to the effects of wind on buildings and structures in the current critical civil infrastructure network that serves and affects large communities, i.e., bridges, energy transportation systems, industrial facilities, wind turbines, etc. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following themes related to wind effects on civil infrastructure: wind loads on buildings and other structures; computational wind engineering; codes and standards; wind tunnel testing; structural response to hurricanes, tornadoes, and downbursts; cladding systems; windborne debris effects; nonlinear wind-induced structural response; structural and non-structural damage and loss evaluation; performance-based wind engineering; risk evaluation; resilience-targeted analysis and design; vibration monitoring; response control to wind loads; smart structures; AI-based approaches in wind-related structural engineering; and building information modelling implementation.

Guest Editor

Dr. Mihail Iancovici

Faculty of Civil Engineering, Technical University of Civil Engineering
Bucharest, 020396 Bucharest, Romania

Deadline for manuscript submissions

31 August 2025



Wind

an Open Access Journal
by MDPI

Impact Factor 1.7
CiteScore 2.9



mdpi.com/si/209628

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

mdpi.com/journal/

[wind](#)





Wind

an Open Access Journal
by MDPI

Impact Factor 1.7
CiteScore 2.9



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



About the Journal

Message from the Editor-in-Chief

Wind is an open access journal dedicated to disseminating rigorously peer-reviewed publications to advance knowledge and technology in wind research-related areas such as wind engineering, wind energy and wind environment. The journal brings new opportunities for actively disseminating fresh, innovative and multidisciplinary wind-related concepts and applications. It covers aspects related but not limited to meteorology; civil, mechanical, aeronautical and electrical engineering; risk analysis and economic, social and environmental impacts.

Editor-in-Chief

Prof. Dr. Horia Hangan
Department of Mechanical and Manufacturing Engineering, Ontario
Tech University, Oshawa, ON L1G 0C5, Canada

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, and other databases.

Journal Rank:

CiteScore - Q2 (Engineering (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 28.3 days after submission; acceptance to publication is undertaken in 6.7 days (median values for papers published in this journal in the first half of 2025).