Special Issue

Bridge Dynamics: Volume III

Message from the Guest Editors

This Special Issue is a continuation of the previous Special Issues titled Bridge Dynamics (vols. I and II), and is dedicated to academic researchers and civil engineering specialists who want to present their work on theoretical and experimental methods of analysis for dynamic aspects of bridge structures. In view of the significance of dynamic issues for the protection, operation, and feasibility of bridge structures, this Special Issue on Bridge Dynamics aims to bring together authors who want to present their experiences in the research, design, construction, and utilization of bridges, with a focus on dynamics. Some, though not all, of the problems considered for this Special Issue are as follows: experimental and theoretical investigations of the dynamic characteristics of bridges and footbridges; the seismic performance of bridges and footbridges; the dynamic analysis of railway bridges subjected to high-speed trains; human-induced vibrations of footbridges; the aerodynamic stability of bridge structures; structural health monitoring (SHM) systems; and the integration and management of SHM data for bridges and footbridges.

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Deadline for manuscript submissions

closed (31 December 2022)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/116485

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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