Special Issue

Bridge Dynamics

Message from the Guest Editors

The Bridge Dynamics Special Issue 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 and operation, as well as feasibility, of bridge structures, this Special Issue aims to bring together authors who want to present their experiences in research, design, construction, and utilization of bridges, with the focus on dynamics. Some of the problems considered for this Special Issue include, but are not limited to, the following: Experimental and theoretical investigation of dynamic characteristics of bridges and footbridges; seismic performance of bridges and footbridges; dynamic analysis of railway bridges subjected to high speed trains; human-induced vibrations of footbridges; aerodynamic stability of bridge structures; structural health monitoring (SHM) systems; integration and management of SHM data for bridges and footbridges.

Guest Editors

Prof. Dr. Maria Anna Polak

Prof. Dr. Joanna Maria Dulińska

Dr. Izabela Joanna Drygała

Deadline for manuscript submissions

closed (30 April 2020)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/24826

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

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

About the Journal

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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)