



Bridge Dynamic Monitoring and Measurement

Guest Editors:

Dr. Raffaele Zinno

Department of Environmental Engineering, University of Calabria, Via P. Bucci Cubo 44A, 87036 Rende, Italy

Dr. Serena Artese

Department of Civil Engineering, University of Calabria, 87036 Rende, Italy

Deadline for manuscript submissions:

closed (31 December 2021)

Message from the Guest Editors

All over the world, bridges have a strategic importance in the life of communities. Unfortunately, as with many other infrastructures, bridges have too often almost reached the end of their structural life, have been poorly maintained, or are currently subjected to loads much higher than those for which they were designed and built.

Today, the availability of new sensors and new materials, new dynamic methods of computerized analysis, and new data transmission systems instead allows the constant monitoring of a civil infrastructure.

In order to establish the state of the art on evaluating the structural health of bridges and to identify new challenges for the near future, we invite the publication of research results in this Special Issue in each of the following fields: computational mechanics, geomatics, new materials (particularly self-monitoring ones), and the use of IoT technologies.





an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)