



an Open Access Journal by MDPI

Existing Bridges: From Inspection to Structural Rehabilitation

Guest Editors:

Prof. Dr. Pier Paolo Rossi

Department of Civil Engineering
and Architecture, University of
Catania, Catania, Italy

pierpaolo.rossi@unict.it

Dr. Nino Spinella

Department of Civil Engineering
and Architecture, University of
Catania, Catania, Italy

nino.spinella@unict.it

Deadline for manuscript
submissions:

30 November 2023

Message from the Guest Editors

Dear Colleagues,

This Special Issue is open to all kinds of advances related to the civil engineering applied to existing bridges. In the last decades, this engineering area has gained unremitting and increasing attention from researchers, engineering companies and public administrations because, due to aging of structures and changes in codes, existing bridges are often not able to ensure the expected structural safety and performance.

Submitted technical articles and review papers should reflect original research studies on the following topics:

- collection and processing of in situ inspection data
- structural health monitoring and digital twins
- management systems
- laboratory tests on elements or sub-assemblages
- structural assessment
- rehabilitation and retrofit interventions
- soil-structure interaction
- codification for safety of existing bridges

Please consider that the above topics are not exhaustive of all aspects of the civil engineering applied to existing bridges. So, feel free to submit your contributions on any additional topic that could be relevant to the above-mentioned subject.



mdpi.com/si/137956



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Takayoshi Kobayashi

Advanced Ultrafast Laser
Research Center, The University
of Electro-Communications, 1-5-
1, Chofugaoka, Chofu, Tokyo
182-8585, Japan

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 - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q2 (*General Engineering*)

Contact Us

Applied Sciences
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[@AppIsci](https://twitter.com/AppIsci)