



Innovative Bridge Construction Systems and Techniques

Guest Editor:

Dr. Fernando González Vidosa

School of Civil Engineering,
Department of Construction
Engineering, Universidad
Politécnica de Valencia, Valencia,
Spain

Deadline for manuscript
submissions:

closed (15 November 2020)

Message from the Guest Editor

This Special Issue is open to all kinds of advances and novel applications on innovative bridge construction systems and techniques. Bridges incorporate all kinds of material types, ranging from reinforced concrete, to prestressed concrete, steel, mixed construction steel-concrete, wood, etc. Topics can include the erection of real cases of abutments, piers, decks, and whole bridges. Bridge types can range from span by span bridges, to cantilever bridges, evolutive bridges, arch bridges, cabled-stayed bridges, suspended bridges, extradosed bridges, pushed bridges, mountable bridges, or any other kind of bridge construction technology. This Issue particularly welcomes papers on case studies of geometrical control of the deck during construction. This Issue also welcomes papers on the repair and strengthening of existing bridges.

Potential topics include but are not limited to the following areas:

- Innovative bridge systems
- Structural engineering
- Bridge construction techniques





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

Journal Rank: JCR - Q2 (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](https://twitter.com/Applsci)