



## Digital Model and Data-Driven Bridge Engineering: Plan, Design, Manufacturing, Construction, Safety and Maintenance

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Deadline for manuscript  
submissions:

**closed (30 June 2021)**

### Message from the Guest Editors

Dear Colleagues,

Digitalization of bridge engineering is a challenging task to combine domain knowledge and various digital technologies. In recent years, BIM (building information modelling) has been widely acknowledged as an essential and inevitable tool for the bridge industry. Information delivery and sharing in real-time is based on digital models. A collaborative work environment with other industries such as manufacturing and ICT requires new communication format. Data-driven engineering is a new way of practice to expand the scope of business in bridge engineering.

The Special Issue, entitled “Digital Model and Data-driven Bridge Engineering: Plan, Design, Manufacturing, Construction, Safety, and Maintenance” offers an opportunity to connect new development outcomes, including theoretical, simulation, experimental studies, and case studies.

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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.

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