



Mechanical Behavior, Healthy Monitoring and Service Performance Assessment of Composite Bridges

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Message from the Guest Editors

Composite bridges, capable of exploiting the advantages of different building materials, have been widely used in practical engineering owing to their good structural performance and economy. Today, the composite bridge is one of the most important fields of development in bridge engineering. With the continuous development of the composite bridge, various structural forms, complex mechanical behaviors, intelligent construction, construction risk, and long-term service performance after operation have been subject to extensive research. Ascertaining the mechanical behaviors of the innovative structures of a composite bridge and evaluating their performance based on health monitoring are extremely important for ensuring operational safety throughout the life cycles of these bridges.

In view of the latest developments, this Special Issue aims to gather manuscripts on the recent scientific advancements in modelling, sensing, and evaluating the mechanical behavior of composite bridges.





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Message from the Editor-in-Chief

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