# **Special Issue**

# Bridge Engineering for Sustainability

### 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.

#### **Guest Editors**

Prof. Dr. Deshan Shan

Prof. Dr. Changjiang Shao

Dr. Qi Wang

### Deadline for manuscript submissions

closed (7 October 2023)



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Sustainability Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 sustainability@mdpi.com

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

### Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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