

Special Issue

Sustainable Design and Upgrading of Bridges: From Life-Cycle Thinking Principles to Life-Cycle Analysis

Message from the Guest Editors

This Special Issue aims to collect high-quality contributions that promote a shift toward integrated and forward-looking strategies for bridge retrofitting/replacement. We welcome original research articles and comprehensive reviews, including (but not limited to) the following topics, applied to bridge structures:

- Life-cycle assessment and cost analysis for retrofitting/replacement.
- Performance-based and sustainability-oriented design methods.
- Probabilistic modelling of deterioration and reliability over time.
- Climate-adaptive strategies and multi-hazard design approaches.
- Digital tools for life-cycle management.
- Case studies on (sustainable) bridge design or retrofitting.

Guest Editors

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Message from the Editor-in-Chief

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. *Sustainability* publishes original research articles, review 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

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