

Special Issue

Life-Cycle Performance and Sustainable Techniques and Materials for Structural Connections

Message from the Guest Editors

The global future challenges of the recent past can already be seen in everyday life: intense urbanisation, demographic change, and the braking or even reversal of climate change, and all within a fast-paced digitalisation across any business and life aspect. The construction industry in particular is also facing respective challenges in terms of social, economic and environmental sustainability such as skilled workforce and occupational safety deficits, setbacks in digital integration and productivity and its significant addition to greenhouse gas emissions. Responding to these challenges requires faster and automated construction, moreover using sustainable construction elements and materials as well as clear life cycle and circular economy concepts. Structural connections play a crucial role in established as well as future-oriented building processes and technologies. The main goal of this Special Issue is to collect high-quality peer-reviewed articles that share the recent findings and developments regarding the life-cycle and sustainability performance of structural connections.

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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. 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

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