

Special Issue

Quality as Driver for Sustainable Construction

Message from the Guest Editors

We are pleased to invite you to contribute to a Special Issue of the journal *Sustainability*. Using case studies, examples, models, and problem definitions, we want to show how quality can be a driver for the evolution of the building and construction sector toward a sustainable industry. Today, construction accounts for 40% of global energy consumption and 50% of global waste. Hence, the building sector urgently requires innovation to support the Sustainable Development Goals (SDG). Even more, it is expected to cause a significantly growing environmental impact due to a steep rise in the demand for housing and infrastructure. Thus, the construction sector is faced with the two-fold challenge of performing the transition toward a sustainable building culture and delivering adequate and affordable housing for a growing world population. To master these challenges, fundamental innovations are required that significantly improve the technical, environmental, and social quality of buildings and construction processes over the full life cycle of the buildings.

Guest Editors

Prof. Dr. Volker Schwieger

Prof. Dr. Philip Leistner

Prof. Dr. Cordula Kropp

Prof. Dr. Werner Sobek

Deadline for manuscript submissions

closed (31 October 2022)



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About the Journal

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

Prof. Dr. Steve W. Lyon

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