Special Issue

Applied Computer Methods in Building Engineering

Message from the Guest Editors

Digital technologies are changing the way that we design, build, and manage buildings. As part of the ongoing shift toward Industry 4.0, tools such as building information modeling (BIM), automation, artificial intelligence (AI), and the Internet of Things (IoT) are being widely adopted in the construction industry. These technologies are helping to improve productivity, enhance safety, reduce costs, and support sustainable practices across all phases of a building's life cycle. In this digital era, computer-based methods are becoming essential in building engineering. From design and simulation to construction planning and facility management, digital tools are enabling smarter decision-making and better project outcomes. They also support collaboration among architects, engineers, contractors, and building operators. This Special Issue requests original research articles, case studies, and reviews that explore how computer methods are being applied in building engineering. We encourage contributions from both academic researchers and industry professionals.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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