

## Special Issue

# Application of Fiber-Reinforced Composite Materials in Building and Bridge Applications

### Message from the Guest Editor

The topics of interest include, but are not limited to, FRP strengthening techniques for reinforced concrete and steel structures, innovative reinforcement and prestressing solutions using FRP, and performance of hybrid systems that integrate FRP with traditional materials. Contributions exploring long-term durability, structural behavior under extreme conditions, and novel design methodologies for FRP applications are particularly encouraged. We welcome original research articles, review papers, and case studies that provide valuable insights into the evolving role of FRP composites in the built environment. This [Special Issue](#) aims to serve as a platform for engineers, researchers, and industry professionals to exchange knowledge and advance the practical implementation of fiber-reinforced composite materials in modern infrastructure.

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### Guest Editor

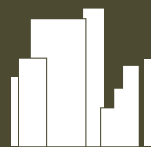
Prof. Dr. Raafat El-Hacha

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### Deadline for manuscript submissions

closed (31 December 2025)



## Buildings

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## About the Journal

### Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

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### Editor-in-Chief

Prof. Dr. David Arditi

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### Author Benefits

#### High Visibility:

indexed within SCIE (Web of Science), Scopus, Ei Compendex, Inspec, and other databases.

#### Journal Rank:

JCR - Q2 (Construction and Building Technology) /  
CiteScore - Q1 (Architecture)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).