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Use of Fibers in Organic and Inorganic Composite Solutions for Structural Strengthening: Advances, Applications, and Challenges

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Deadline for manuscript submissions:
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Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to cover a wide range of topics related to the use of composites, including but not limited to material properties, design criteria, modeling and simulation, experimental studies, case studies, and implementation strategies. The goal is to encourage authors to contribute high-quality original research papers, reviews, and perspectives that will advance the knowledge, innovation, and practical application of composites in structural strengthening.

Keywords:

- composite materials
- structural strengthening
- existing structures
- FRCM composites
- FRP composites
- high-strength fibers
- durability
- corrosion resistance
- design criteria
- implementation strategies
- seismic retrofitting
- performance evaluation
- modeling and simulation
- experimental studies
- sustainable materials

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Message from the Editor-in-Chief

Fibers is intended as an integrative platform, bringing together specialists with expertise concerning a large range of biological, synthetic, metallic and mineral fibers. The intent is to bring together scientists who would otherwise be unlikely to encounter each other's findings. By facilitating communication across specialties, the journal will advance understanding of the underlying commonality of many physical and chemical aspects of fibers.

We welcome submission of manuscripts from a diverse range of disciplines relating to many types of fibers utilizing a variety of research approaches.

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