Special Issue

Fracture Behavior of Fiber-Reinforced Building Materials

Message from the Guest Editor

Dear Colleagues, One widely used method that can successfully improve concrete mechanical properties is the addition of different types of fibers with variations of materials, shape, and volume embedded during the mixture. Moreover, besides concrete, many other building materials can enhance their mechanical properties with the appropriate fiber reinforcement. This Special Issue of *Fibers* aims to incorporate recent progress in the general field of fiber reinforcement in concrete as well as in other commonly used building materials, focusing on fracture behavior. The improvement of the final properties is usually measured by mechanical testing, with concurrent monitoring by various kinds of non-destructive methods such as acoustic emission, ultrasound, and verification by digital image processing applications.

Guest Editor

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Deadline for manuscript submissions

closed (20 April 2025)

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About the Journal

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.

Editor-in-Chief

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