



Geopolymer Based Fiber Reinforced Composites

Guest Editor:

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submissions:

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Message from the Guest Editor

Geopolymer has emerged as a sustainable alternative to conventional ordinary Portland cement (OPC) binder in construction. Geopolymer binder exhibited superior mechanical, durability and fire resistance properties and significantly lower carbon footprint than its OPC binder. To improve the brittleness of geopolymer various types of both short and continuous fibers are added to increase the tensile and flexural strength, ductility, toughness and energy absorption capacities of fiber reinforced geopolymer composites. This special issue will present original research articles on the fiber reinforced geopolymer composites as well as review article on this emerging topic. Researchers currently working on fiber reinforced geopolymer composites around the world are invited to showcase their research by submitting their original or review article in this special issue of journal of “Fibers”.

Guest Editor: Assoc. Prof. Dr. Faiz Shaikh

Keywords

- Geopolymer
- Alkali activated slag
- Natural fiber
- Metallic fiber
- Polymeric fiber
- Continuous fiber
- Fabric





fibers



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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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