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Geopolymers and Fiber-Reinforced Concrete Composites

Guest Editors:

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Deadline for manuscript
submissions:

closed (20 May 2024)

Message from the Guest Editors

The Special Issue, “Geopolymers and Fiber-Reinforced Concrete Composites”, will address advances in characterization, processing, scale-up, testing, and commercialization of various types of geopolymers and alkali-activated materials, as well as fiber-reinforced concrete composites. In this Special Issue, we welcome all research articles, case studies, and reviews aimed at enriching the available knowledge regarding such high-performance construction materials and highlighting the latest findings at both the material and structural levels. Topics of interest include but are not limited to the following:

- Application of steel, carbon, and polymeric fibers in concrete;
- Fiber-reinforced concrete and high-performance cement-based composites;
- Fiber hybridization;
- Fire resistance;
- Fresh, mechanical, and durability properties;
- Impact strength, bond, shear, flexural, cyclic, and cracking behavior;
- Geopolymers and alkali-activated materials (i.e., concrete, mortar, adhesives) for different market applications;
- Natural and recycled fibers;
- Numerical modeling;
- Repair applications;



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Special Issue



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Message from the Editorial Board

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