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Recent Innovations in Fibrous Concrete with Superior Mechanical Properties and Evolution in 2022

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Deadline for manuscript submissions: closed (10 August 2022)

Message from the Guest Editors

Dear Colleagues,

- Numerous studies on high ductility fibrous concrete have been conducted to overcome the inherent brittleness of concrete. Several types of fibrous concrete incorporating waste tire, nylon, glass, carbon, metallic, polymer, basalt, polypropylene and steel fibers have been successfully developed and applied for building structures due to their benefits of limiting crack propagation widening through fiber bridging. Furthermore, recently invented preplaced aggregate concrete, slurry infiltrated fibrous concrete, and functionally graded fibrous concrete, and various relevant studies are actively underway.
- This special issue aims to provide a comprehensive overview of innovations in fibrous concrete, including aspects related to mechanical behaviors and their applications under various loading conditions.
- Authoritative review articles and original research papers describing recent findings in any type of fibrous concrete are expected to cover the following topics.









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Message from the Editor-in-Chief

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