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Assessment of High-Performance Fiber-Reinforced Concrete Properties

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Deadline for manuscript submissions:

closed (31 December 2020)

Message from the Guest Editor

Dear Colleagues,

Fiber-reinforced concrete mainly uses fiber to improve the properties of reinforced concrete, such as tensile strength, deformability, and dynamic load resistance.

This Special Issue of *Applied Sciences* covers recent advances in:

- Innovative concepts to improve the mechanical properties of HPFRC;
- Developments of new fiber technology to improve the performance of HPFRC;
- Engineering applications of HPFRC;
- Reduction of the negative impact of fiber on certain properties of concrete;
- Mix design of HPFRC;
- Bond behavior of HPFRC;
- Thermal properties and fire behavior of HPFRC;
- Durability of HPFRC.

For this Special Issue, authoritative review articles and original research papers on HPFRC regarding the latest findings related to material properties and structural implications of civil and architectural applications are welcome.

For further reading, please visit the [*Special Issue website*](#).



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Special Issue



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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