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Flexural Strengthening of Reinforced Concrete Beams

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Message from the Guest Editors

Dear Colleague,

Recently, advanced construction materials have been widely applied to concrete structures due to the flexural strengthening of reinforced concrete. Advanced construction materials have been used for the strengthening of concrete structures in various methods. Various methods have also been used for the flexural strengthening of reinforced concrete and prestressed concrete structures.

The goal of this Special Issue is to disseminate original research and review studies that address (experimental, theoretical) advances, trends, challenges, and future perspectives regarding the development, characterization, and application of strengthening method to concrete structures.

The topics proposed for this Special Issue include but are not limited to the following:

- Flexural performance of reinforced concrete beams;
- Strengthening of concrete structures using various methods;
- Effect of strengthening method for reinforced concrete beams;
- Numerical modeling of reinforced concrete beams;
- Failure mechanism of strengthened concrete structures;
- Advanced material application;
- Innovative applications for the construction industry.

Guest Editors

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Special Issue