Special Issue

Repair and Strengthening of Concrete Structures with Advanced Reinforcements

Message from the Guest Editor

The existing building stock is strongly dominated by concrete load bearing structures, for which the in-use performance and sustainability play a crucial role in fostering societal and economic growth. Concrete repair and strengthening represent a large proportion of the total construction output; consequently, there is a great deal of interest in the development of advanced materials, strengthening systems and applications to more effectively extend the service life of reinforced and prestressed concrete structures. This Special Issue of *Materials* will offer a detailed overview of recent research and development achievements in this respect, including:

- Advanced reinforcing materials;
- Latest technological advancements;
- Versatile application conditions;
- Maximizing sustainability.

Guest Editor

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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