Special Issue

Repair and Strengthening of Existing Reinforced Concrete Structures (Second Edition)

Message from the Guest Editor

Recent devastating earthquakes have highlighted the urgent need for the structural upgrade of existing Reinforced Concrete (RC) structures that are prone to structural failures and collapses. At the same time, the need for immediate actions to mitigate the dramatic consequences of the climate emergency is a key priority, and novel cost-effective solutions are required for the enhancement of energy efficiency and the thermal insulation of existing structures using sustainable resources. This second edition of the Special Issue "Repair and Strengthening of Existing Reinforced Concrete Structures" is focused on the development of novel repair and strengthening techniques using sustainable materials for the enhancement of structural performance and energy efficiency. Please find more details in the Special Issue website at:
https://www.mdpi.com/journal/materials/special_issues/WI01P5QNYO

Guest Editor

Dr. Andreas Lampropoulos

Assistant Professor, Laboratory of Reinforced Concrete, School of Civil Engineering, National Technical University of Athens, 15772 Athens, Greece

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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

mdpi.com/journal/materials

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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.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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