

Special Issue

Repair, Reinforcement, Conservation of Existing Building Stock: Materials, Methods and Assessment

Message from the Guest Editor

This Special Issue (SI) publishes original research articles, review articles, and short communications covering the repair, reinforcement, and conservation methods and materials of existing building stock (steel, masonry, timber, reinforced concrete, and glass structures). The SI will reflect the application possibilities of new sustainable materials and methods, advanced materials, natural fiber composites, mortars, alloys, and metals, inspiring the creation of next-generation solutions beyond conventional construction materials and traditional intervention methods and materials. We welcome reports from innovative applications and case studies and test projects. Computational and analytical manuscripts are also of interest provided they are design- or application-oriented. Reinforcement and conservation techniques and materials from interdisciplinary and transdisciplinary collaborations are particularly welcome. Articles with a focus on the effects of climate change, natural and man-made hazards, and combined hazards in existing building stock are invited.

Guest Editor

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Message from the Editorial Board

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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