Special Issue

Advances in Sustainable Construction and Building Materials

Message from the Guest Editors

Human history is a history of continuous development of materials, in which construction and building materials are the main parts of human activity. The aim of this Special Issue is to advance and disseminate knowledge in all the related areas of sustainable construction and building materials. The sustainable construction and building materials and technology covered include cement, concrete reinforcement, bricks and mortars, additives, corrosion technology, ceramics, timber, steel, polymers, glass fibers, phase change materials, recycled materials, bamboo, non-conventional building materials, green building materials, new technology for the improvement of material designs, and other related fields. The scope of this Special Issue includes but is not restricted to construction products, bridges, high-rise buildings, dams, civil engineering structures, silos, highway pavements, tunnels, water containment structures, sewers, roofing, housing, and railways. Original articles with innovative ideas and methods across the whole scope and up-to-date review papers and case studies are welcomed in this Special Issue.

Guest Editors

Dr. Ru Ji

School of Civil and Resources Engineering, University of Science and Technology, Beijing, China

Dr. Fanghui Han

School of Civil and Resources Engineering, University of Science and Technology, Beijing, China

Deadline for manuscript submissions

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

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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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