

Special Issue

Recent Progress in Sustainable Construction Materials

Message from the Guest Editors

This Special Issue aims to highlight the latest research and advancements in the development and application of sustainable construction materials, addressing both environmental and performance-related challenges. This Special Issue seeks to bring together cutting-edge research that contributes to advancing sustainable practices in construction materials, focusing on improving environmental, economic, and social outcomes. We invite authors to submit original research articles, reviews, and case studies that offer new insights into the field of sustainable construction materials. The issue will cover a wide range of topics, including but not limited to:

- Advances in Research on Construction Materials
- The Performance Testing and Evaluation of Construction Materials
- The Recycling and Resource Utilization of Construction Waste
- Optimizing Concrete Mix Designs
- The Performance Analysis of Mining Backfill Materials
- Modification and Enhancement of Mining Backfill Materials
- Improvement of Roadbed Materials' Composition and Toughness
- The Application of Artificial Intelligence in Sustainable Construction Materials

Guest Editors

Dr. Daoyuan Sun
Dr. Hongwei Wang
Dr. Fang Yan

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

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About the Journal

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.

Editors-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

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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