

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

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About the Journal

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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