

Special Issue

Eco-Friendly and Sustainable Concrete: Progress and Prospects

Message from the Guest Editors

We invite you to contribute to our Special Issue, “Eco-Friendly and Sustainable Concrete: Progress and Prospects”. As the global construction industry shifts towards sustainability, exploring innovative solutions to reduce environmental impact is crucial. This issue focuses on sustainable materials like geopolymers, high-performance concrete, and ultra-high-performance concrete, aiming to lower carbon emissions while maintaining good structural performance. This research area is vital for addressing global sustainability goals. We can create a more sustainable built environment by advancing CO₂ capture, recycling materials, and improving waste management. This issue provides a platform for sharing the latest findings, insights, and experiences in this critical field, aligning with the journal’s focus on civil engineering, materials science, and sustainability. We look forward to receiving your contributions and working together to advance the field of sustainable high-performance materials in structural concrete.

Guest Editors

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Prof. Dr. Ruben P. Borg

Dr. Jun Feng

Deadline for manuscript submissions

20 September 2025



Materials

an Open Access Journal
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Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/213419

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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.

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