Special Issue

Durability and Time-Dependent Properties of Sustainable Concrete (2nd Edition)

Message from the Guest Editors

Sustainability is now at the core of research activity due to the high demand for sustainable materials, methods, and processes. The concrete industry is a major greenhouse gas emitter and consumer of natural resources, resulting in significant social, economic, and environmental impacts. Sustainable concrete is the key to curbing these problems. This Special Issue aims to collate original research and review articles focusing on the durability and time-dependent behaviors of sustainable concrete. Current trends and future research directions on the durability and time-dependent properties of concrete comprising recycled or waste materials, such as crumb rubber, recycled concrete, fly ash, slag, plastic wastes, glass waste, and more, are covered.

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Deadline for manuscript submissions

closed (30 April 2025)

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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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