

Special Issue

Sustainable and Eco-Friendly Concrete: Innovations in Green Binders and Recycled Materials

Message from the Guest Editors

We are pleased to invite you to submit a manuscript for this Special Issue, in the form of an original research article or review paper. This Special Issue will highlight research focused on sustainable concrete technologies, with an emphasis on both cement concrete and asphalt concrete. Topics will include alternative binders, the integration of recycled aggregates, industrial by-products, and other waste materials in concrete mixtures. We aim to explore how these innovations not only contribute to environmental sustainability but also improve the performance and longevity of both cement and asphalt concrete. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following: (1) Development of green binders for cement and asphalt concrete (2) Use of recycled materials and industrial by-products in concrete (3) Performance evaluation of sustainable cement and asphalt concrete (4) Life cycle assessment of eco-friendly concrete materials (5) Challenges and opportunities for green concrete technologies We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

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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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