

Special Issue

New Insights into Construction Materials: Greener, Smarter and Stronger

Message from the Guest Editors

This Special Issue aims to showcase cutting-edge research and technological advancements in the development of sustainable, intelligent, and high-performance construction materials, with the goal of promoting environmentally responsible and resilient infrastructure solutions. Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: 1. Structural and functional properties of construction materials. Incorporation of nanomaterials, fibers, and other additives to achieve specific functionalities. 2. Use of wastes to expand the functional properties of building materials, reducing environmental impact. 3. Increase in the durability of building materials. 4. Development of concretes with the ability to repair damage and adapt to changing conditions. Mechanisms and materials for self-healing in concrete. 5. Material performance optimization through AI-driven design.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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