Special Issue

Properties and Performance of Concrete Materials and Structures

Message from the Guest Editors

Concrete is one of the most ancient and widely used construction materials. In recent decades, numerous advances and developments were made in the field of concrete that have been implemented in practical applications.

The aim of this Special Issue is to publish current research on concrete composites based on Portland cement or other blended cements and binders with fiber reinforcement and/or containing inclusions of waste materials or special aggregates, e.g., from recycling. This Special Issue focuses on presenting the results of research on the properties and performance of concrete composites, novel experimental techniques, analytical methods, modeling, design, production, and practical applications of these materials, and studies regarding the behaviour of structural components, in-situ performance, renovation, maintenance, demolition, durability, and sustainability of structures made of these composites.

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Deadline for manuscript submissions

closed (31 March 2021)

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/si/56531

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Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

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