



an Open Access Journal by MDPI

High-Performance Eco-Efficient Concrete

Guest Editors:

Dr. Carlos Thomas

LADICIM (Laboratory of Materials Science and Engineering),
University of Cantabria, E.T.S. de Ingenieros de Caminos, Canales y Puertos, Av./Los Castros 44,
39005 Santander, Spain

Prof. Dr. Jorge de Brito

Department of Civil Engineering,
Architecture and Georresources,
Instituto Superior Técnico,
University of Lisbon, Av. Rovisco Pais, 1049-001 Lisbon, Portugal

Prof. Dr. Valeria Corinaldesi

Department of Materials,
Environmental Sciences and
Urban Planning SIMAU,
Università Politecnica delle
Marche, Via Brecce Bianche 12,
60131 Ancona, Italy

Deadline for manuscript
submissions:

closed (7 November 2020)

Message from the Guest Editors

Dear Colleagues,

The benefits of recycling in the construction sector have been widely demonstrated and are unquestionable. The use of recycled aggregates, steel slags, and low-impact cements implies an important reduction of the environmental footprint, and eco-efficient concretes made with them must be a priority. However, these materials show in some cases losses of mechanical and durability behavior compared with natural materials. That is why we must invest our efforts on finding high-performance eco-efficient concretes that can compete or even surpass traditional concrete. To achieve this, research on them and dissemination of its results is essential. The objective of this Special Issue is to group the most recent and relevant research in relation to high-performance eco-efficient concrete into a single document. Subsequently, the possibility of publishing a book with the contributions of all authors will be assessed.

This Special Issue is therefore dedicated to “High-Performance Eco-Efficient Concrete”.



mdpi.com/si/34409



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)