Special Issue

Multi-Performance Analysis of Concrete from Life Cycle Perspective

Message from the Guest Editors

Concrete structures continuously deteriorate due to various causes. This phenomenon is directly related to the life cycle of concrete. Therefore, in order to maximize the life cycle of a concrete structure, it is necessary to study the Fatigue Model, Performance and Damage Assessment of Concrete, according to the type of material used, the formulation, and the surrounding conditions during maintenance. This Special Issue aims to publish papers related to building sustainable concrete structures. Keywords:

- concrete
- model
- fatigue
- performance
- damage
- assessment
- maintenance

Guest Editors

Prof. Dr. Taegyu Lee

Prof. Dr. Jaewook Jeong

Prof. Dr. Jaehyun Lee

Deadline for manuscript submissions

closed (20 May 2023)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/115625

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/applsci

MDPI

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

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

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

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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)