



an Open Access Journal by MDPI

# **Advance of Reinforced Concrete**

Guest Editors:

#### Prof. Dr. Alexey Beskopylny

Department of the Transport Systems, Don State Technical University, 344002 Rostov Oblast, Russia

#### Dr. Evgenii Shcherban

Department of Engineering Geology, Bases and Foundations, Don State Technical University, 344000 Rostov-on-Don, Russia

#### Dr. Sergei Stel'makh

Department of Unique Buildings and Constructions Engineering, Don State Technical University, 344000 Rostov-on-Don, Russia

Deadline for manuscript submissions: closed (30 November 2022)

## Message from the Guest Editors

Dear Colleagues,

The special issue is to develop existing theories and gain new knowledge related to the need to obtain improved concrete compositions, reinforced concrete products, and structures. Unique analytical, mathematical, chemical, and experimental methods for studying the structure of concrete, the development of new formulations and technologies, including the activation of various components of concrete and reinforced concrete to improve the characteristics of buildings and structures obtained from these materials, are seen as critical scientific areas. Therefore, articles with numerical experiments, experimental laboratory studies, analysis of the data obtained using mathematical methods, mechanical calculations, deformation calculations, and investigations on concrete structure are welcome

Prof. Dr. Alexey Beskopylny Dr. Evgenii Shcherban Dr. Sergei Stel'makh *Guest Editors* 



**Special**sue

mdpi.com/si/105899





an Open Access Journal by MDPI

## **Editor-in-Chief**

#### Message from the Editor-in-Chief

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