

an Open Access Journal by MDPI

## **Advances in Concrete Binders and Reinforced Concrete**

Guest Editors:

## Prof. Dr. Efstratios Badogiannis

School of Civil Engineering, National Technical University of Athens (NTUA), Athens, Greece

## Dr. Konstantinos Sotiriadis

Institute of Theoretical and Applied Mechanics of the Czech Academy of Sciences, 19000 Prague, Czech Republic

Deadline for manuscript submissions:

closed (31 October 2023)

## **Message from the Guest Editors**

Construction Materials (ISSN 2673-7108) is an international, open access and peer-reviewed journal that publishes research findings and developments in the field of construction materials.

This Special Issue aims to provide insights into the properties and characteristics of different inorganic binders that can be used as the main component in concrete mix designs and reveal their role in the performance of concrete and its applications. Inorganic binders, including alkali-activated Portland cement. materials magnesium cements, potentially incorporating wastes (fly ash, slags, etc.) or artificial supplementary materials (clays, silica fume, etc.), are welcome to join concrete. Energyefficient materials, new technologies and techniques (selfhealing/curing/sensing, etc.), in addition to concrete designs for optimum performance in terms of mechanical response and/or service life, are also in the scope of this Special Issue.



