

## Special Issue

# Sustainable Cementitious Materials for the Construction Industry

### Message from the Guest Editors

The construction industry plays a central role in efforts towards achieving a sustainable development, because of its size and ubiquity. Concrete is the most-used construction material, both for residential buildings and infrastructure. Portland cement production is an industrial sector, which, despite being a high contributor to CO<sub>2</sub> emissions, has made significant efforts towards sustainability by increasing energy efficiency, using alternative or renewable fuels, and by replacing considerable proportions of clinker with supplementary cementitious materials. These latter are termed "additions to cement" and include fly ash, blast furnace slag, silica fume, natural volcanic pozzolanic materials, rice husk ash, limestone powder, calcined clays, etc. Many of these additions are wastes or by-products of other industries, thus leading to a double benefit in terms of sustainability, since they reduce the emission of greenhouse gases and reduce waste treating and disposal needs.

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### Guest Editors

Prof. Dr. Miguel-Ángel Climent

Prof. Dr. Isidro Sánchez

Prof. Dr. José Marcos Ortega

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### Deadline for manuscript submissions

closed (10 November 2018)



## Sustainability

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*Sustainability*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario  
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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