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## Low Carbon Cements

Guest Editor:

### Prof. Dr. Alexandre Bogas

1. Department of Civil  
Engineering, Architecture and  
Georesources, Instituto Superior  
Técnico, Universidade de Lisboa,  
1049-001 Lisboa, Portugal  
2. Civil Engineering Research and  
Innovation for Sustainability  
(CERIS), University of Lisbon,  
1049-001 Lisbon, Portugal

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### Message from the Guest Editor

Dear Colleagues,

Due to its versatility, low cost, and mechanical properties, reinforced concrete is still the most widely used material in the world. However, concrete production and its ever-growing demand has become a source of environmental concerns, since it involves extensive emission of greenhouse gases.

Therefore, it is worldwide recognized that near future cement production has a carbon footprint to match. To this end, various studies have been recently conducted in order to develop more eco-efficient low carbon cements (LCC).

This Special Issue aims to cover some of the latest developments in low carbon cements, such as belite cements, geopolymers, alkali-activated cements, thermos-activated waste cements, calcium aluminate cements, low-temperature or modified clinkers, blended cements with alternative supplementary cementitious materials, and emerging non-Portland cement clinker-based binders. Low cement concretes and new carbon capture solutions in order to reduce the CO<sub>2</sub> footprint of the cement industry are also within the scope of this Special Issue.

Prof. Dr. José Alexandre Bogas  
Guest Editor



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# Special Issue



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### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

## Message from the Editor-in-Chief

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Materials Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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