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## Advances in Binders for Construction Materials

Guest Editor:

**Dr. Jorge Otero**

Department of Art Conservation,  
University of Barcelona, 08028  
Barcelona, Spain

Deadline for manuscript  
submissions:

**closed (20 December 2022)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue welcomes contributions that address research and practical advances in *i)* alternative binder manufacturing processes; *ii)* chemical, microstructural, and structural characterization of unhydrated binders and of hydrated systems; *iii)* the properties and modelling of concrete and mortars; *iv)* applications and durability of concrete and mortars; and *v)* the conservation and repair of historic concrete/mortar structures using alternative binders.

**Keywords:** binders; mortars; renders; grouts; building materials; lime; cement; concrete; alkali-activated materials; alternative binders; high-performance concrete; geopolymers; gypsum; calcium aluminate cement; nanolime; supersulfated cements; calcium sulfoaluminate binders; mortar additives; Roman fly ash; cementitious composites; calcined clay limestone cements; natural pozzolans; hybrid binders; nanomaterials; durability; life cycle assessment; recycled materials; waste management; environmental assessment; repair of historic construction materials; concrete conservation; case studies



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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, Grosspeteranlage 5  
4052 Basel, Switzerland

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