



Current Research in Cement and Building Materials

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Message from the Guest Editors

Dear Colleagues,

Building materials are the main components of current architecture, which directly determines the quality and service life of the buildings. The field of current research in cement and building materials, with all its traditionalism and multidisciplinary, also profited from this development. However, the specific features of this field have led to a considerable scattering of literary sources and a lack of mutual information between all relevant subjects. This Special Issue should help to overcome these problems. It is focused on cement and building materials, publishing the most important results from different regions of the world.

The topics include but are not limited to the following:

Cement and building materials;
Design, structures and preparation of concrete;
Cementitious capillary crystalline waterproofing materials;
Special cement;
Structural health monitoring;
Inorganic non-metal material;
Durability of concrete structures.





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Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

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