



Current Research in Cement and Building Materials

Guest Editors:

Dr. Peng Liu

School of Civil Engineering,
Central South University,
Changsha 410013, China

Dr. Lingkun Chen

School of Civil Engineering,
Yangzhou University, Yangzhou
225127, China

Dr. Ying Chen

School of Civil Engineering,
Central South University of
Forestry and Technology,
Changsha 410004, China

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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.





Editors-in-Chief

Prof. Dr. Wei Pan

State Key Laboratory of New
Ceramics and Fine Processing,
School of Materials Science &
Engineering, Tsinghua University,
Beijing 100084, China

Dr. Emerson Coy

NanoBioMedical Centre, Adam
Mickiewicz University in Poznań,
ul. Wszechnicy Piastowskiej 3, 61-
614 Poznań, Poland

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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Contact Us

Coatings Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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