



Emerging Technologies of Sustainable Building Materials

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Message from the Guest Editors

The sustainability of concrete materials has become a major concern for the construction industry. This Special Issue aims to bring together a wide range of knowledge and insights into how waste utilization and carbon capture technologies can be effective measures for the sustainable development of concrete materials. We are committed to exploring innovative ways to convert waste into valuable resources and to apply carbon capture technologies to reduce environmental burdens. These efforts will provide sustainable and viable solutions for the future development of concrete materials.

In this Special Issue, the submission of original research articles and reviews is welcome. Research areas may include (but are not limited to) the following:

- Cement concrete materials;
- Alkali-activated materials;
- Supplementary cementitious materials;
- Waste reusing;
- Low-carbon concrete;
- Carbon capture concrete;
- Durability and sustainability.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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