

Special Issue

The Production of Environmentally Friendly Cement and Concrete

Message from the Guest Editors

Many studies have been carried out in the cement industry to reduce the negative impact of OPC production on the environment. However, the application of these technologies only partially reduces the negative impact on the environment, and it is likely that these approaches will reach their practical limits within the next decade. For these reasons, new solutions will be needed in the future. For these reasons, new solutions, which are critical to enable significant changes in the production of cement and concrete, are needed in the 21st century. Thus, in this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

The production/synthesis of environmentally friendly binders, concrete, and their components;
The characterization of unhydrated and hydrated binders;
The modeling of binders and concrete;
Resistance to corrosion;
Pozzolans in concrete;
3D printing;
Alternative binder systems;
Computationally designed composites for cement compositions;
Big data and smart materials.

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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