



The Production of Environmentally Friendly Cement and Concrete

Guest Editors:

Dr. Tadas Dambrauskas

Department of Silicate
Technology, Faculty of Chemical
Technology, Kaunas University of
Technology, LT-50254 Kaunas,
Lithuania

Dr. Anatolijus Eisinas

Department of Silicate
Technology, Faculty of Chemical
Technology, Kaunas University of
Technology, LT-50254 Kaunas,
Lithuania

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submissions:

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Message from the Guest Editors

Dear Colleagues,

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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Dr. Anatolijus Eisinas
Guest Editors





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Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

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Sustainability Editorial Office
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