

Special Issue

Supplementary Cementitious Materials in Concrete

Message from the Guest Editors

The substitution strategy, consisting of the partial replacement of Portland cement with supplementary cementitious materials (SCMs) or the more common application of blended cements, is an effective way to improve the sustainability of the cement and concrete industries. The forthcoming Special Issue of *Materials* aims to recognize the current state of knowledge and development in the use of SCMs within the substitution and performance strategies. It is our pleasure to invite you to submit your research article, communication, or review in which the following aspects of SCMs are investigated:

- Measuring the chemical, physical and mineralogical properties of SCMs, before and after hydration;
- Defining the amounts and the types of SCMs in accordance with the desired effects on fresh and hardened concrete performances;
- Designing structural elements made with normal and high-performance concretes containing SCMs;
- Assessing the durability and environmental impact of cement-based materials and structures, when SCMs are used to substitute, or in conjunction with, hydraulic cements.

Guest Editors

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Message from the Editorial Board

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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