

## Special Issue

# Advanced and Sustainable Low-Carbon Cement and Concrete Materials (Second Edition)

### Message from the Guest Editor

This Special Issue is dedicated to recent research focused on the development of advanced building materials and components that contribute to the systematisation and dissemination of knowledge related to the long-term performance and durability of construction materials in line with sustainability and eco-efficiency. Among others, the reuse of secondary raw materials in the development of composite materials, supplementary cementitious materials and alternative binders are the focus of the studies published in this Special Issue. Thus, this Special Issue will present new developments in the field of durable advanced building materials, systems and components, and their characterisation, life prediction methods and maintenance management. It will serve as an overview of the current state of knowledge for the benefit of professionals such as materials engineers, designers and production engineers. Keywords:

- sustainability
- eco-efficiency
- advanced materials
- composites
- low-carbon cement
- secondary raw materials
- alternative binders
- supplementary cementitious materials

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### Guest Editor

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### Deadline for manuscript submissions

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## Materials

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### Message from the Editor-in-Chief

*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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