Special Issue

Properties and Durability of Advanced Concrete and Novel Construction Composites

Message from the Guest Editor

The durability of construction products refers to economic and environmental issues as limited life increases constructions' cost. Concrete and construction composites are often used in the construction sector whose development and exploration towards advanced and high-performance products is today very intensive. But finding high-performance, sustainable, and eco-efficient construction materials that can compete traditional concrete and composites available. Except the complete assessment of properties and behavior of these novel products, their durability with respect to their long time performance is of the particular performance. This Special Issue is dedicated to recent research aimed at the durability of building materials and components to contribute to the systematization and dissemination of knowledge related to the long-term performance and durability of construction. The Special Issue will provide collection of new developments in the field of durability of advanced building materials, systems, and components, their characterization, service life prediction methodologies, and maintenance management.

Guest Editor

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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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