

Special Issue

Recent Discoveries in Construction Materials—towards a Sustainable Future

Message from the Guest Editor

The building industry is continuously evolving towards a better and brighter future with more sustainable building materials. Durability and sustainability are, therefore, important factors for limiting the environmental impact of construction materials and structures, especially in light of the European Green Deal in Horizon Europe and the Sustainable Development Goals from the UN. These recent discoveries are the subject of this Special Issue, to build a sustainable future for years to come using all resources as efficiently as possible. The building materials for the future should have long service lives and low life-cycle costs, and be safe, reliable and resilient. The maintenance required during their lifetimes should be as little as possible, in order to limit the production of additional materials used for repair. Another focus will be thermal comfort, increasing energy efficiency, reducing the impact on the surrounding environment and leading to a more comfortable and healthier living space. Recent discoveries in construction materials are leading towards a sustainable future.

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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