

Special Issue

Advances in Binders for Construction Materials

Message from the Guest Editor

This Special Issue welcomes contributions that address research and practical advances in *i)* alternative binder manufacturing processes; *ii)* chemical, microstructural, and structural characterization of unhydrated binders and of hydrated systems; *iii)* the properties and modelling of concrete and mortars; *iv)* applications and durability of concrete and mortars; and *v)* the conservation and repair of historic concrete/mortar structures using alternative binders. **Keywords:** binders; mortars; renders; grouts; building materials; lime; cement; concrete; alkali-activated materials; alternative binders; high-performance concrete; geopolymers; gypsum; calcium aluminate cement; nanolime; supersulfated cements; calcium sulfoaluminate binders; mortar additives; Roman fly ash; cementitious composites; calcined clay limestone cements; natural pozzolans; hybrid binders; nanomaterials; durability; life cycle assessment; recycled materials; waste management; environmental assessment; repair of historic construction materials; concrete conservation; case studies

Guest Editor

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Deadline for manuscript submissions

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About the Journal

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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