Special Issue

Advances in Natural Building and Construction Materials

Message from the Guest Editors

Natural building and construction materials are the basic materials used in civil engineering. Aggregates and dimension stones, which are commonly used in construction, should be of the highest quality. Defining this quality is very difficult due to the varying properties of rocks and the ways in which they are used. This Special Issue aims to provide an overview of recent developments in the advances in natural materials for building and construction, including the assessment of the quality of dimension stone and mineral aggregates and their applications in different areas of civil engineering. The issue aims to provide selected papers on the analysis of available testing technologies; physical–mechanical properties; and quality assessment of the production and use of natural building and construction materials. Potential topics include, but are not limited to:

- The use of natural building and construction materials;
- The properties of natural building and construction materials;
- The quality assessment of natural building and construction materials;
- The application of modern technologies for the qualitative assessment of natural building and construction materials.

Guest Editors

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Deadline for manuscript submissions

closed (20 May 2025)

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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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