

Special Issue

Innovative Materials in the Building Industry: Reducing Building Energy and Minimising Environmental Impacts

Message from the Guest Editors

This Special Issue aims to cover recent research and advances in the field of energy-efficient and environmentally friendly building materials. Contributions related to, but not limited to, the following topics are welcome:

- Development of new energy-efficient building materials (e.g., insulating materials, bio-based building materials)
- Development of new eco/green building materials for different construction applications
- Recycled materials/industrial symbiosis (e.g., alkali-activated materials, immobilization of nonhazardous and hazardous waste in building composites, cascade recycling through the extraction of critical raw materials, soil stabilization, and soil remedy)
- Long-term performance of new and recycled building materials
- Results from laboratory developments, up-scaling projects (EU and national projects, industrial projects), and case studies from relevant industrial projects

Research articles, case studies, review papers, and short communications are welcome. We do hope that these contributions will give an overview of the best available praxis and, consequently, promote their application.

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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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