

Special Issue

Industrial Symbiosis and Development of New Materials or Products in Building Sector

Message from the Guest Editors

This Special Issue aims to cover recent research and advances in the field of industrial symbiosis in relation to the building sector. Contributions related but not limited to the following topics are welcome:

- Industrial symbiosis with the construction sector;
- Development of innovative construction products from waste or byproducts (e.g., green concrete, alkali activated materials, recycled and manufactured aggregates, materials for road construction, composites);
- Recycling/reuse;
- Immobilization of hazardous compounds in building composites;
- Extraction of critical raw materials (e.g. rare earth metals);
- Leaching parameters/health and environmental impact assessment;
- Durability aspect of recycled materials/products;
- Results from (inter)national upscaling/demo projects (case studies);
- Lifecycle assessment (LCA) of building materials;
- Legislation and regulation aspect to facilitate market uptake, including social aspects of recycling products.

Research articles, case studies, review papers, and short communications are welcome.

Guest Editors

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Dr. Alenka Mauko Pranjić

Prof. Dr. Nina Štirmer

Deadline for manuscript submissions

closed (20 February 2023)



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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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