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Low-Carbon Construction and Building Materials

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear colleagues,

This Special Issue aims to concentrate on the latest advancements, progress, and emerging trends pertaining to the physical and chemical mechanisms, as well as the fresh and hardened properties, long-term performance, and durability of sustainable cementitious materials with low carbon emissions, specifically in the context of civil engineering. We invite submissions of both original research and review articles. Topics of particular interest encompass, but are not confined to:

- Innovations in Green Concrete;
- Sustainable Timber and Wood-Based Materials;
- Advancements in Insulating Materials;
- Recycling and Upcycling in Building Materials;
- Smart and Responsive Materials for Building;
- Biocompatible and Biodegradable Building Materials;
- Low-Carbon Footprint Materials;
- Innovative Steel and Metal Alloys;
- Nano and Micro Technologies in Construction Materials;
- Fire-Resistant and Flame-Retardant Materials;
- Natural-Fiber-Reinforced Composites;
- Low-Impact Exterior Finishes;
- Urban Mining and Material Recovery;
- 3D Printing in Construction;
- Durability and Longevity of Building Materials.





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Editor-in-Chief

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Message from the Editor-in-Chief

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