

## Special Issue

# Applications of Sustainable and Emerging Construction Materials in Civil Engineering

### Message from the Guest Editor

This Special Issue explores such sustainable and emerging construction materials, their prospects, challenges, and future in civil engineering. The aim is to publish up-to-date research contributions covering the application of sustainable and emerging construction materials in civil structures and infrastructures.

- Aerated, bendable, self-healing, and 3D-printed concrete;
- Use of recycled concrete, plastic, tires, and glass waste in construction materials;
- Ultra-high performance cementitious composites;
- Laminated timber, reclaimed wood, and wood composites;
- Biodegradable and synthetic geotextile and geomembrane use in geotechnical engineering;
- Fiber-reinforced polymers concrete composites;
- High-performance fiber-reinforced materials under extreme loading;
- Structural behavior of steel reinforced geopolymer concrete;
- Structural safety, reliability, and risk assessment;
- Structural integrity and design against progressive collapse;
- Long-term durability response of innovative composite materials in harsh environment.

### Guest Editor

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### Deadline for manuscript submissions

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**Sustainability**

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### Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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