

## 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.

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### 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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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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## Editor-in-Chief

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