

Special Issue

Recycled Construction & Demolition Waste as Concrete Aggregate for Sustainable Construction

Message from the Guest Editors

This Special Issue aims to address the latest research and practices of adopting recycled C&D wastes as concrete aggregate for sustainable construction and covers themes including but not limited to:

- Novel cementitious materials developed with proper mixes involving C&D wastes;
- Engineering properties of sustainable cement composites adopting C&D wastes;
- New technologies developed to track the source and quality of RAs;
- Digital technologies to manufacture new concrete with RAs;
- Comprehensive sustainability indicator system for adopting RAs against natural aggregates;
- Data analytics methods applied in estimating more properties of cement composites containing RAs;
- Promoting the circular use of C&D wastes from the perspectives of management, policy, standard, and legislation
- Overview of existing studies for 1) providing an overview of existing research and practices of recycled aggregate concrete; 2) introducing the latest studies of high-performance concrete adopting recycled aggregates from C&D wastes; 3) evaluating the latest findings of recycled aggregate concrete by achieving waste reuse whilst realizing other environmental sustainability goals.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2022)



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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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