



Recycled Construction & Demolition Waste as Concrete Aggregate for Sustainable Construction

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submissions:
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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.





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Message from the Editor-in-Chief

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