



Circular Economy in the Construction Sector

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is aimed at contributing to the development and implementation of a CE in the construction sector considering circular economy as a production and consumption system that promotes efficiency in the use of materials, water and energy, taking into account the resilience of ecosystems and the circular use of material flows through the implementation of technological innovations, alliances and collaborations between stakeholders and the promotion of business models that respond to the fundamentals of sustainable development. In particular, the topics of interest include, but are not limited to, the following aspects:

Sustainable building materials using recycled wood, polymers, glass and other by-products

Evaluation of the social and environmental impact of sustainable building

Circular economy models for construction and urban metabolism

Evaluation of the social and environmental impact of sustainable building materials

Sustainable construction certifications and novel construction processes

Sustainable rehabilitation of buildings and infrastructure





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