

## Special Issue

# Reusing, Recycling and Repurposing Infrastructure: Components and Construction Materials

### Message from the Guest Editor

This Special Issue covers topics at the intersection between innovative materials incorporating recycled elements and the adaptive reuse of existing buildings and infrastructure. Papers could include investigations on the performance of construction materials with recycled elements, typically incorporated in concrete, such as crushed glass, tyre rubber, plastic fibres and granules, concrete and brick aggregates and asphalt pavement, among others. Studies on recycled timber fibre, plastic-timber elements and other novel composites are also strongly encouraged. Composites in which the recycled elements contribute to enhancing the properties of the material are particularly sought. Studies on the adaptive reuse of existing buildings and wider infrastructure could focus on retrofitting schemes to meet modern demands such as new loading, functions and performance requirements. Practical case studies and parametric investigations at both the material and structural level are highly welcomed, and all papers should incorporate some elements of broader sustainability standards indicating how they can contribute towards achieving a more sustainable built environment.

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### Guest Editor

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### Deadline for manuscript submissions

closed (1 October 2022)



## Infrastructures

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### Message from the Editor-in-Chief

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