

## Special Issue

# Circular Economy Strategies for Sustainable Urban Development: Innovations in Waste Management and Building Materials

### Message from the Guest Editor

To promote the circular economy framework, the use of innovative waste materials within building and construction materials or systems is critical. This Special Issue aims to explore and disseminate research on sustainable practices that incorporate waste byproducts, industrial residues, and recycled materials as alternatives to traditional building resources.

Moreover, this issue covers a wide range of topics, including, but not limited to the following:

- **Material Development:** Research on the development and characterization of new building materials derived from waste products, such as construction debris, agricultural byproducts, industrial waste, and municipal solid waste.
- **Life Cycle Assessment (LCA):** Studies evaluating the environmental impact, energy consumption, and carbon footprint of construction materials made from waste, including comparisons with conventional materials.
- **Circular Economy:** Investigations into the integration of waste materials into circular construction practices, promoting sustainability through resource efficiency and reduced environmental harm.

We look forward to receiving your submissions.

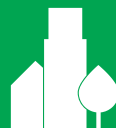
### Guest Editor

Dr. Robert Haigh

Institute for Sustainable Industries and Liveable Cities, Victoria University, Melbourne, VIC, Australia

### Deadline for manuscript submissions

28 February 2026



## Urban Science

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## About the Journal

### Message from the Editor-in-Chief

*Urban Science* is a scholarly international journal which provides a platform for the exchange of theories, ideas, methods, analyses, and comparative studies of urban and regional development. It is a peer-reviewed, open access journal that publishes high quality original articles, theoretical essays, critical reviews, research notes, and shorter communications. Its broad definition of “science” includes both quantitative and qualitative methods of social, environmental, and spatial analysis. There is no restriction on the maximum length of the papers.

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### Editor-in-Chief

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