

Special Issue

Digital Transformation and Sustainability in the Built Environment

Message from the Guest Editors

Digital transformation has the potential to bring many benefits in terms of productivity, cost-effectiveness, health and safety, customer experience and CO2 emissions, and therefore helps the journey towards a sustainable and resilient built environment. However, this transformation is not free of risks, and may even present new threats to sustainability. This Special Issue focuses on how digital transformation may affect the sustainability and resilience of the built environment. It will highlight the benefits, opportunities, drawbacks and challenges of digital transformation, and the way forward.

- Evaluating the impacts of digital transformation on sustainability
- Evaluating the impact of digital transformation on resilience
- Costs/benefits of digital transformation
- Opportunities and challenges for the digital transformation of the built environment
- Sustainable digital transformation
- Smart and resilient built environment
- Tackling the digital carbon footprint
- Developing methods and models for assessing the digital carbon footprint
- Digital divide and digitalizing construction in the Global South
- Digital and electronic waste and sustainability

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Deadline for manuscript submissions

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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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.

Editor-in-Chief

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