



Digital Transformation and Sustainability in the Built Environment

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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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Message from the Editor-in-Chief

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