

## Special Issue

# The Twin Green-Digital Transition in the Built Environment: Multiscale and Interdisciplinary Perspectives

### Message from the Guest Editors

The digital and green transitions are redefining how sustainability is interpreted and implemented within the Architecture, Engineering, Construction, and Operations sector. Aligned with key European policy frameworks, emerging strategies move beyond energy efficiency to address resilience, health, and lifecycle-based responsibility. Digital technologies—such as BIM, Heritage BIM, Digital Twins, Extended Reality, and AI—are enabling integrated, data-driven workflows that support sustainable design, construction, management, and reuse of the built environment. This Special Issue aims to explore multiscale and interdisciplinary perspectives on the convergence of digitization and sustainability in the built environment. Contributions are encouraged to critically address spatial and temporal scales ranging from district and urban scales to individual buildings and construction systems, and to bridge disciplines such as architecture, engineering, environmental science, and data management.

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### Guest Editors

Dr. Alessandro D'Amico  
Dr. Stefano Cursi  
Dr. Kristis C. Alexandrou

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### Deadline for manuscript submissions

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## Editor-in-Chief

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