



Building Sustainability within a Smart Built Environment

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Message from the Guest Editors

Climate change is the biggest problem we face today. The built environment and energy efficient structures are essential to stop climate change. Structures, buildings, and construction are responsible for around 40% of all air pollutants and energy use. One of the most important considerations about the human living environment in the building is how the living space affects the well-being of the users. Good spatial design results in a less stressful and more productive environment. Room users should feel comfortable and quiet in their physical work environment to produce their best work. Comfort aspects include personal factors, health and well-being, thermal comfort, interior air quality, visual comfort, etc. The "built environment" process embraces mental and physical health, where it works with the interdisciplinary field that addresses the design, construction, management, and use of these environments as an interrelated whole. This theme aims to take a holistic approach to the opportunities that digitalization can bring and catalyze the diffusion of new opportunities and business models across the sector.





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