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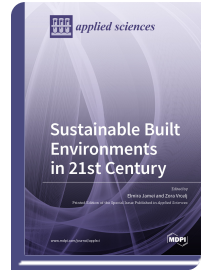
Sustainable Built Environments in 21st Century

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The built environment has a vast impact on the natural environment, human health, and the economy. Sustainable built environment is circular, designed for longevity, flexibility, adaptability, assembly, disassembly, reuse and recoverability, and considers future climate risks. It uses low-carbon, low-impact, non-toxic materials and it recovers used resources (materials and products on-site or from other sites). This book consists of original research articles, as well as scoping reviews where the theoretical approaches, and practical solutions needed to support decision-making for sustainable built environment are discussed. Current solutions that address the complex challenges facing developed and developing country-specific contexts were demonstrated to define the appropriate formal and informal education needed to support the journey to achieve sustainable Built Environment and United Nation Development Goals in 21th Century, where depletion of energy sources, and climate change are the key challenges.

This book makes a contribution on sustainable built environment by presenting case studies on various aspects of the sustainability, from education to managing cities, energy, construction, and considerations for climate change. The papers gathered here offer a vital resource for government policymakers, educators, and current and future professionals, equipping them with the knowledge and expertise they need in order to overcome today's complex challenges in the built environment.



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