

Sustainable Urban Planning and Design: Building Cities for the Future

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Abstract: *Urbanization is a global phenomenon reshaping the landscape of human habitation. As cities expand at an unprecedented rate, the need for sustainable urban planning and design has become increasingly urgent. This research paper explores the principles, challenges, and opportunities of sustainable urban planning, focusing on its role in building cities that are resilient, equitable, and environmentally responsible. Drawing upon interdisciplinary perspectives, the paper examines the complex dynamics of urban growth and sustainability, emphasizing the importance of integrating environmental, social, and economic considerations into urban development strategies. Through case studies and theoretical analysis, the paper highlights innovative approaches and best practices in sustainable urban planning, offering insights into the transformative potential of holistic urban design. Ultimately, this research paper aims to contribute to the discourse on sustainable urban development, providing scholars, policymakers, and practitioners with a comprehensive understanding of the principles and strategies necessary for building cities for the future.*

Keywords: Sustainable urban planning, urban design, sustainability, environmental conservation, social equity, economic viability