

Building Maintenance in Urban Areas: Challenges, Strategies, and Future Directions

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Abstract: *Building maintenance is a critical aspect of urban development, ensuring the longevity, safety, and functionality of structures in densely populated areas. This paper explores the challenges associated with building maintenance in urban areas, including aging infrastructure, environmental factors, and financial constraints. It also examines effective maintenance strategies, such as preventive maintenance, the use of advanced technologies, and community involvement. Finally, the paper discusses future directions for improving building maintenance practices, including the integration of smart technologies and sustainable practices. The findings highlight the importance of proactive maintenance in enhancing urban resilience and quality of life.*

Keywords: Building maintenance, aging infrastructure, maintenance strategies, Building Safety