

Smart City Solutions for Enhancing the Cultural and Historic Value of Urban Heritage Sites

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Abstract : The trend among smart cities is to incorporate technological advancements to better manage and protect their cultural heritage sites. This study investigates how smart city solutions can improve the cultural and historical significance of urban heritage sites and assesses present practices and potential for the future. The paper delves into the literature to examine how smart city technologies can be utilized to increase knowledge and respect for cultural heritage, as well as promote sustainable tourism and economic growth. The article reviews various instances of smart city initiatives across different regions of the world, pinpointing innovative tactics and best practices in improving the cultural and historical worth of urban heritage sites. Additionally, it analyzes the difficulties and limitations associated with implementing these solutions, including community involvement, privacy concerns, and data management issues. The conclusions drawn from this paper propose that smart city solutions offer a substantial opportunity to augment the cultural and historical value of urban heritage sites. By effectively integrating technology into heritage management, there can be greater comprehension and admiration for cultural heritage, enhanced visitor experience, and support for sustainable tourism. However, to fully exploit the potential of smart city solutions in this context, it is crucial to prioritize community engagement and participation, as well as ensure that data management practices are transparent, responsible, and respectful of privacy. In summary, this paper offers guidance and advice to policymakers, urban planners, and heritage management professionals who want to increase the cultural and historical significance of urban heritage sites through the application of smart city solutions. It emphasizes the significance of creating comprehensive and cooperative strategies, as well as ensuring that efforts to preserve heritage are sustainable, fair, and efficient.

Keywords : smart city, Urban heritage, sustainable tourism, heritage preservation

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